

FACULTY OF ARTS

FACULTY ACADEMIC ACHIEVEMENTS

ART COURSES

Judith Leidl, MFA

Student Supervision

Facilitated and curated, a solo exhibition by Acadia University student Haydon Ali (who is minoring in Art) titled, "Haydon Ali: The Garden" at Jack's Gallery, Just Us, Main Street, Wolfville, NS.

Taught regular course load as well as two intersession art courses with Open Acadia

Student Supervision

Independent Study: Studio Art 1: 2

Independent Study: Studio Art 3

Research Grant:

Received an Article 25.10-Professional and Personal Development Allowance to participate in the "Reversible Pendant and Forged Bracelet workshop by Shannon Kennedy (Cynosure Jewelry Design Studio) at the Ottawa School of Art, Ottawa, Ontario, August 7-19, 2017.

Received an Article 25.55-University Research Fund. A portion of 25.55 of the funding was used to attend a letterpress workshop facilitated by Guillermo Trejo, at the Ottawa School of Art, Ottawa, Ontario, April 21, 2018.

Research:

Currently researching Canadian historical and modern portraiture and how it might connect to my ongoing series of large format portrait paintings with the working title, "Strange Beauty: Portraits".

DEPARTMENT OF ECONOMICS

Andrew Davis

Refereed Publications

"Failures in adopting green technology under perfect pollution pricing and monopoly," International Review of Economics Education, September 2017, 26:9-13. **(R)**

"Household Portfolio Allocation in the EU," with Jiseob Kim, Proceedings of the 2017 Atlantic Schools of Business Conference. **(R)**

Presentations

Canadian Economics Association Meetings (St. Francis Xavier University), "Business Cycles and Labor Markets in a Multi-Sector Economy," (Canadian Macroeconomics Study Group session).

Canadian Economics Association Meetings (St. Francis Xavier University), "Does Financial Innovation Increase Income Inequality: A Competitive Search Approach" (Discussion).

Atlantic Canada Economics Association Conference (St. Francis Xavier University), "Labour Supply Among Canadian Medical Marijuana Patients."

Atlantic Schools of Business Conference (Acadia University), "Medical Cannabis, Research, and Policy" (Panel).

Atlantic Schools of Business Conference (Acadia University), "Household Portfolio Allocation in the EU."

Center for Research on Pensions and Welfare (CeRP) Workshop: Household Finance and Retirement Savings (Collegio Carlo Alberto, University of Turin), "Household Portfolio Allocation in the EU."

Guest lecture in ESST 1023: Perspectives on Environmental Philosophy, Thought, and Practice, on introduction to philosophy of environmental economics.

Guest panel appearance for Acadia Politics Students Association on exchange rates in Venezuela.

Research Grants

"Does the use of cannabis oil improve insomnia and daytime sleepiness?" Peace Naturals, 2018, \$60,000 (PI: Michael Verbora).

"The effect on opioid use and quality of life in chronic pain patients prescribed medical cannabis," Tilray Canada, 2017, \$310,000 (PI: Michael Verbora).

Professional Service

Nova Scotia Economic Forecast Challenge and Review, Nova Scotia Department of Finance and Treasury Board.

Awards

Acadia Students Union Teaching Leadership Award, April 2018.

Student Supervision

BAH Supervisor: 1 (In progress, HSRA recipient)



BAH Second Reader: 1

BBAH External Reader: 1

Burc Kayahan

Refereed Publications

“Heterogeneity in the Economic Impacts of a UNESCO World Heritage Designation: Evidence from Nova Scotia”, with Dr. B. VanBlarcom, in UNESCO: Current Issues and Challenges, Editors: Miyako Ali, NOVA Publications, New York, (forthcoming). **(R)**

Presentations

“Economic Impact of Cruise Tourism in Atlantic Canada,” 51st Canadian Economics Association Meetings in Antigonish, NS, June 2- 4, 2017.

“Economic Impact of Cruise Tourism in Atlantic Canada,” 45 Atlantic Canadian Economics

Association Meetings in Antigonish, NS, June 4- 5, 2017.

“Economic Impact of Cruise Tourism in Atlantic Canada,” Department Seminar, Memorial University of Newfoundland and Labrador, St. John’s, NF, October 4, 2017.

“Economic Impact of Cruise Tourism in Atlantic Canada,” Department Seminar, Mount Allison University, Sackville, NB, March 16, 2018.

“Economic Impact of Cruise Tourism in Atlantic Canada,” University Seminar, Acadia University, Wolfville, NS, March 28, 2018.

“Economic Impact of Cruise Tourism in Atlantic Canada,” Seminar, Atlantic Association of Applied Economists, Halifax, NS, April 13, 2018.

Public Speaking

Interview with the CBC Radio Host Ted Blades, host of radio program called “On the Go” regarding the findings from “Economic Impact of Cruise Tourism in Atlantic Canada.”

Research Grants

\$2,788 SSHRC Institutional Grant for the project titled: “Economic Impact of Cruise Tourism in Atlantic Canada,” June 2017.

Student Supervision

BAH Supervisor: 1



Hassouna Moussa

Conferences

American Economic Association meeting in Philadelphia, United States January 5-7, 2018.

International Conference on Economics and Finance research in Kyoto Japan, May 9-10, 2017.

Xiaoting Wang

Presentations

"Flow Performance Relationship and Risk-Taking Behavior in Mutual Fund Tournaments," Canadian Economics Association Annual Conference, Antigonish, NS, June 2017.

Brian VanBlarcom

Refereed Publications

"Heterogeneity in the Economic Impacts of a UNESCO World Heritage Designation: Evidence from Nova Scotia." With Dr. Burc Kayahan. In UNESCO: Current Issues and Challenges, Editors: Miyako Ali. NOVA Publications, New York. (forthcoming — September 2018). (R)

"The Tourism Multiplier" *The Sage International Encyclopedia of Travel and Tourism*, Sage Publications (July 2017). (R)

Technical Reports

Economic Impact Assessment of an Expanded Landmark East School," April 2018.

Presentations

"Comparing Contingent Trip Model and Infrared Count-Based Estimates of Rail Trail Use." Presented at the 39th Annual South East Recreation research Conference, Asheville, North Carolina, March, 2017.

Research Grants

Collaborative Research in Economics Grant, Memorial University. Part of a research team from Acadia, UNB, MUN, CBU and UPEI, studying the cruise ship industry in Atlantic Canada (\$30,000), May - October 2017.



Jun Zhao

Refereed Publications

Globalization, Regionalization and Convergence in East Asia accepted by Journal of International Trade and Development, Forthcoming. (R)

Conferences

Lisbon Macroeconomics Conference, November 9-11 2017.

DEPARTMENT OF ENGLISH AND THEATRE

Stephen Ahern

Presentations

Facilitator. Workshops for graduate teaching assistants on "Evaluating Student Work: Principles of Effective Essay Writing" and "Evaluating Student Work: Common Errors and How to Fix Them." For "Scholarly Methods" (ENGL 5060).

Facilitator. Workshop for thesis students on "The Pleasures and Pitfalls of Thesis Writing."

Presenter. Lecture on "Getting on the Road to Writing 'A'-Level Assignments."

Presenter. Lecture on "Five Steps to Essay-Writing Success."

Presenter. Lecture on "Writing A Successful Research Paper."

Refereed Publications

Article published: "Nothing More than Feelings? Affect Theory Reads the Age of Sensibility," *The Eighteenth-Century: Theory and Interpretation*, vol. 58, no. 3, 2017, 281–94. R

Review published: of Jenna M. Gibbs, *Performing the Temple of Liberty: Slavery, Theater, and Popular Culture in London and Philadelphia, 1760–1850* (Johns Hopkins UP, 2014). *Journal of American Studies*, vol. 51, no. 3, 2017, e37 R

Contract signed to contribute four entries on translations of French fiction, for *The Cambridge Guide to the Eighteenth-Century Novel, 1660–1820*, ed. April London. R

Contract signed and now in press: "Professing the Ineffable: *Love in Excess*, Affect Theory, and the Matter of Romance," in *Approaches to Teaching the Works of Eliza Haywood*, ed. Tiffany Potter (Modern Language Association). R

Student Supervision



Susan Barratt

Presentations

Movement Coaching and Choreography for the winter production, *A Doll's House*.

Wanda Campbell

Refereed Publications

"Raid, Warp, Push: the Pedagogy of Poetic Form." *Writing Creative Writing: Essays from the Field*. Eds. Priscila Uppal and Daniel Scott Tysdal. Waterloo: Wilfrid Laurier UP, 2018. To be launched at the Canadian Writers' Summit, Toronto June 15, 2018. R.

Publications

Kalamkari & Cordillera (Collection of 62 poems) Toronto: Inanna Publications, 2017.
"Worm Sonnet" (Poem on Video). "Poem of the Week" *Vallum* Website, October 2, 2017. <https://vallum.wordpress.com/category/poem-of-the-week/>
"Perché leggere «Fantasie di stupro» di Margaret Atwood." *Altri Animalì* (April 2018). Italian translation of "We Recommend Margaret Atwood's 'Rape Fantasies'" article first published in *Thresholds International Short Story Forum* <http://www.altrianimali.it/2018/04/15/perche-leggere-fantasie-stupro-margaret-atwood/>.

Presentations

Book Launch with Inanna Press, Glad Day Bookstore, Toronto, September 27, 2017

Book Launch of *Kalamkari and Cordillera*, Acadia Art Gallery, Wolfville, October 12, 2017

National Day of Remembrance & Action on Violence Against Women, Poetry Reading at Fountain Commons, Acadia University Wolfville December 6, 2017

"Common Magic: The Work of Bronwen Wallace." *Resurfacing: Women Writing Across Canada in the 1970s* Conference. Mount Allison University, April 26-28, 2018

Student Supervision

BA H Supervisor 2

MA Internal Examiner 1 (in progress)



Richard Cunningham

Publications

“Theorizing a Digital Scholarly Edition of Paradise Lost.” *Advances in Digital Scholarly Editing*. Sidestone Press, eds. Peter Boot, et al. 2017.

Student Supervision

BA H Supervisor 1

BA H Second Reader - 1

Michael Devine

Presentations

Creative concept, direction, writing of Eurydika, original production premièred at A.N.F.I. Teatar Festival, Kraljevo, Serbia, July, 2017. (In Serbian)

Creative concept, soundscape, direction of *The Last Days of Judas Iscariot*, Acadia Theatre Company, November, 2017.

Performance as Butch Honeywell in *The Last Days of Judas Iscariot*, Acadia Theatre Company, November, 2017.

Professional BoxWhatBox workshop, Halifax, NS, April 2018

Student Supervision

BA students

Independent Study – 2

Research Mentoring – 1

Susann Hudson

Presentations

Organization and facilitation of a workshop with Equity Stage Manager Christine Oakey, October 21, 2017

Technical Director for ATC’s fall production, *The Last Days of Judas Iscariot*, November 2017

Technical Director for ATC’s MiniFest; January 2018



Organization and facilitation of a workshop with Colleen MacIsaac a professional in theatre media and publicity, February 3, 2018

Technical Director for ATC's winter production, *A Doll's House*; March 2018

Student Supervision

BA students

Student Assistant 1

Lance La Rocque

Publications

One poem published in Rob McLennan's online *Dusie*, The Tuesday Poem series: "Golden Towers" (May 8, 2018)

Student Supervision

BA H Second Reader 2

Student Assistant 1

MA Thesis Internal Reader 1

Lisa Narbeshuber

Refereed Publications

Reviewed essay titled "Ernest Hemingway, Joan Miró, and *The Farm* (1921-22)" for the *Hemingway Review*.

Student Supervision

BA H 1 in progress

MA Supervisor 3 in progress

Anne Quéma

Research Grants

Acadia University Research Fund (Article 25.55): \$816



Student Supervision

BA H External Reader: 1

Patricia Rigg

Refereed Publications

“Gendered Poetic Discourse and Autobiographical Narratives in Late Victorian Sonnet Sequences.” *Victorian Poetry*. Editors Veronica Alfano and Lee O’Brien. Forthcoming, Spring 2019. **R**

“Gender and Politics in London School Board Elections: Augusta Webster, Helen Taylor, and a Decade of Electoral Battles.” (Invited) *Branch: Britain, Representation, and Nineteenth-Century History*. Ed. Dino Franco Felluga. **R**

Publications

“Introduction to Augusta Webster.” *Victorian Poetry*. Ed. Patricia Rigg. 55.1 (2017): pp. 1-4.

Presentations

“Neurasthenia and Poetic Genius: A. Mary F. Robinson and Vernon Lee’s Family House of Pain in Florence” North American / Australasian / British Victorian Studies Societies Supernumerary Conference. Florence, Italy. 19 May 2017.

Panel Chair: “Il Risorgimento.” *North American Victorian Studies Association / Australian Victorian Studies Association Supernumerary Conference*. Florence, Italy, 20 May 2017.

Research Grants

SSHRC Insight Grant (4 years) April 2018 \$67,266

University Research Fund October 2017 \$4107.00

Student Supervision

MA: 1 (in progress)



Jon Saklofske

Refereed Publications

Wilson, Rebecca, Jon Saklofske and the INKE Research Team “Playful lenses: Open social scholarship through game-based inquiry, research and scholarly communication.” KULA Journal. Submitted September 2017. **R** (Forthcoming)

Non-refereed Publications

Reviewed “Touring the Animus” submission for *Loading* CGSA journal (September 2017)

Presentations

DHSI Instructor. University of Victoria. *Digital Games as Interactive Tools for Scholarly Research, Communication, and Pedagogy*. June 2017.

Participated in the 2017 Scholarly Communication Institute (November 5-9, Rizzo Centre, Chapel Hill, North Carolina). Our team (Alyssa Arbuckle (UVic), John Barber (WSUV), Dene Grigar (WSUV), Hannah McGregor (SFU), Bonnie Stewart (UPEI), and myself) worked through the idea of *Digital Storytelling and the Future(s) of Multimedia Scholarship*.

“Playful Instruments: Reimagining Games as Tools for Research and Scholarly Communication.” DH2017. Montréal, QC. 8-11 August 2017

“Spreadable Jams: Implementing Social Scholarship through Remodeled Game Jam Paradigms” *Beyond Open: Implementing Social Scholarship* (INKE) Victoria, BC. 10 January 2018.

“Spreadable Jams: Using Game Jam Paradigms to Encourage Innovative Social Scholarship” *Twenty Minute Talks Lecture Series*. Acadia’s Department of English and Theatre. 23 March 2018.

Participated in a “Post-Digital Book Arts Hackfest” hosted by Jon Bath at the University of Saskatchewan (April 23-24, 2018). Worked with a group exploring transformations and augmentations of Lewis Carroll’s *Through the Looking Glass*

Student Supervision

BA Thesis Second Reader: 1

BA Thesis External Reader: 1

MA Supervisor: 1 – In Progress

MA Co-Supervisor: 2 – In Progress



Andrea Schwenke Wyle – on leave

Robert Seale

Non-refereed Publications

Written text/music adaptation of Richard Bean's play, ***One Man, Two Guvnors***. Acadia University. Production in November 2018.

Written play *Any Night*.

Presentations

A Conference Towards Reconciliation: A New Path, A Shared Vision, A New Direction

Participant. Kinsella Auditorium, McCain Hall – St. Thomas University. September 27-29, 2017.

49th NSFL/CLC Convention. Westin Nova Scotian Hotel, Commonwealth Room A & B. November 5-8, 2017

Voice Consultant, Dialect Coach. *The Last Days of Judas Iscariot*. Lower Denton Theatre, Acadia University. November 23-December 2, 2017.

Workshop on *Personal Self-Defense* for Kinesiology. Acadia University. January 17, 2018.

Women Making Waves. National Conference on Women in Film and Television. Participant. Lord Nelson Hotel, Halifax. March 2-3, 2018.

Fight Consultant, Choreographer. *A Doll's House*, Lower Denton Theatre, Acadia University. March 22-31, 2018.

Indigenizing the Academy Conference. ANSUT. Participant. Membertou First Nation, Trade and Convention Centre. May 3-4, 2018.

Fight Choreographer/Armorer. *Rock of Ages*, Avon View High School Theatre. May 3-5, 2018.

Director, Adaptation. *Any Night*. Scheduled for Atlantic Fringe Festival. August 30-September 9, 2018.

Students Supervision:

BA Independent Study: 4



BA Student Assistant: 1

Jessica Slights

Refereed Publications

Scholarly edition of William Shakespeare's Othello was published this year by Broadview Press. **R**

Presentations

Attended the annual meeting of the Shakespeare Association of America in Los Angeles, California, and presented a formal report in my capacity as Education Editor of the Internet Shakespeare Editions, Spring 2018.

Attended a number of organizational meetings and a working lunch with a collaborator.

Student supervision

BA H Supervisor 1

BA Student Assistant 1

Kerry Vincent

Refereed Publications

Book Chapter: "'The One Who Does His Majesty's Bidding': Censorship and the Banality of Power in siSwati Crime Fiction and Drama." *Fictions of African Dictatorship*. Eds. Charlotte Baker and Hannah Grayson. Race and Resistance Across Borders Series. Peter Lang, 2018. **R**

Presentations

"Electronic Bibliographic Literature of Swaziland Project: Some Preliminary Observations." Writing and Reading Swaziland Symposium, University of Swaziland, 6 October 2017.

Student Supervision

MA 1 (in progress)



Kevin Whetter

Refereed Publications

“Standing Up for the Stanzaic-Poet: Artistry, Characterization, and Narration in the Stanzaic *Morte Arthur* and Malory’s *Morte Darthur*.” *Arthuriana* (Forthcoming Autumn 2018). Co-authored with Fiona Tolhurst. 12,802 words. **R**

“Alliterative *Morte Arthure*.” *The Encyclopaedia of Medieval Literature in Britain*. Ed. Siân Echard and Robert Rouse. Wiley-Blackwell, 2017. 1,000 words. Entry co-authored with Thomas H. Crofts. **R**

“Stanzaic *Morte Arthur*.” *The Encyclopaedia of Medieval Literature in Britain*. Ed. Siân Echard and Robert Rouse. Wiley-Blackwell, 2017. 1,000 words. **R**

Presentations

“Reading with Fingers in the Manuscript of Sir Thomas Malory’s ‘Hoole Book of King Arthur’,” International Congress on Medieval Studies, Western Michigan University, Kalamazoo, 11-14 May 2017.

“Inscribed Letters and Rubricated Tombs in Malory’s *Morte Darthur*,” Symposium on Medieval and Renaissance Studies, Saint Louis University, 19-21 June 2017.

Organizer and Host, 10th Thomas Raddall Symposium: Thoughts from the Eastern Edge: In Celebration of Dr. Herb Wyile, Acadia University, 6-8 July 2017. Not refereed.

“Adapting Sources and Translating Characters in the stanzaic *Morte* and Malory,” International Arthurian Congress, University of Wurzburg, Germany, 21-26 July 2017. Co-authored and co-presented with Fiona Tolhurst.

“Will the real English Gawa(y)n(e) please stand up? Or, Reflections of a Misunderstood Womanizer,” Roundtable panel “Wer ist Gâwan? Qui est Gauvain? Who is Gawain?,” International Arthurian Congress, University of Wurzburg, 21-26 July 2017. Commissioned.

Guest lecturer for an upper-level class on mediaeval manuscript culture at Mount Allison in October.

Student Supervision

BA H Supervisor: 2

BA H Second Reader 1

Research Grants



June 2017, SIG grant: \$2,788.00 – to help support research dissemination at the International Arthurian Congress, held in Germany.

DEPARTMENT OF HISTORY AND CLASSICS

Michael Dennis

Chapter in books

Litigating for Profit: Business, Law, and Labor in the New Economy South,” in *Organizing Against Labor: Controversies in the History of Organized Employers in American History*, ed. Rosemary Feurer and Chad Pearson, eds. (Urbana-Champaign: University of Illinois Press, 2017.)

Articles

Left Marginalia: The Radical Imagination in Postwar America,” *Labour/Le Travail* 80 (Autumn, 2017): 273-87.

“The Idea of Full Employment: A Challenge to Capitalism in the New Deal Era,” *Labor: Studies in Working-Class History* 14 (May 2017): 69-94.

Reviews

Adam Mack, *Sensing Chicago: Noisemakers, Strikebreakers, and Muckrakers*, forthcoming in *American Communist History* 17 (Winter 2018): 125-27.

Paul Doerr

Book edited

Paul W. Doerr and Stephen K. Stein (eds.), *Voices From the Second World War: A Collection of Primary Documents* (Cognella, 2018).

David Duke

Article

"Over the Gossiping Grass: Community Succession and Environment Influence in the Tantramar Region of Atlantic Canada." *Transaction of the Royal Historical Society*, forthcoming.



Research Funding

Private donor for Gypsum Ship Captains / Hantsport project

Student Supervision

BA Honours – 2nd reader: 1

Sonia Hewitt

Conference Papers

“The olive presses in the House of Orpheus at Volubilis,” Annual Conference of the Classical Association of Canada (CAC), University of Calgary, May 8-10, 2018

T. Stephen Henderson

Refereed Publication

“Newfoundland Studies 2.0,” *Acadiensis* 46.1 (Winter/Spring 2017): 207-12.

Presentations/Speaking

Interviewed by Leyland Cecco, for the Guardian, on the removal of the Edward Cornwallis statue in Halifax. 5 February 2018

“The Rules and Uses of Patronage at Confederation: The Memoirs of P.S. Hamilton,” Stokes Lecture in History, Dalhousie University, 6 October 2017; invited presentation.

Brookfield’s Forgotten Father of Confederation: P.S. Hamilton,” Brookfield, NS, 24 July 2017

Featured interview on National Post Radio on SiriusXM Satellite Radio on Nova Scotia’s place in Confederation, 15 June 2017

Roundtable discussion on Atlantic Canada and Confederation, with Shirley Tillotson and Maurice Basques on CBC Radio’s Mainstreet, recorded 8 June 2017

Student Supervision

Co-Supervisor, Calla Owens, Archival Option – The Gerald Porter Fonds, Esther Clark Wright Archives, and research paper: “Behind Closed Doors: The Expansion of Male and Female Sexuality during the Second World War”



Second Reader, Xiaoman Chen, “Jiang Zhongzheng’s ‘New Life Movement’ and the Rule of ‘Li,’ 1934-1949”

Review

Review of James Naylor, *The Fate of Labour Socialism: The Cooperative Commonwealth Federation and the Dream of a Working-Class Future* (Toronto: University of Toronto Press, 2016), in *American Historical Review* 122.4 (October 2017): 1200-01.

Editorial Review

Manuscript review of “Roots, Region, and Resistance: Facing Industrial Ruination in Sydney, Cape Breton, 1967,” for *Acadiensis*, May 2018

Manuscript review of Barry Cahill’s *The Interventionist State: The Halifax Relief Commission and the Origins of the Canadian Administrative State*, University of Toronto Press, January 2018

Jennifer MacDonald

Student Supervision

BA H Conversion: 1

BA H 1

Research Grants

Harrison McCain research grant (ongoing)

Gillian Poulter

On leave Sept 10, 2017 – February 10, 2018

Presentations

Participated in SSHRC- sponsored authors’ workshop in preparation for publication of a chapter on Lacrosse in *Symbols of Canada* (Toronto: Between the Lines) in press, including interview with CBC radio [<http://www.cbc.ca/news/canada/new->



brunswick/programs/informationmorningfredericton/symbols-of-canada-lacrosse-1.4240021]

Research Grants

Harrison McCain research grant (ongoing)

Vernon Provencal

Research

Fall Term Sabbatical Leave to work on monograph, *Faulkner's Reception of The Golden Ass in The Reivers*, to be published in Bloomsbury Classical Reception Studies by Bloomsbury Academic Press.

Teaching

Introduction of CLAS3133 Nature in Ancient Greece into the Classics curriculum.

Student Supervision

2nd reader for English thesis: 1

Publications

Forthcoming: 'Faulkner's Reception(s) of Apuleius' *Cupid and Psyche* in *The Reivers*', in the *Reception of Apuleius' Cupid and Psyche from 1600 to Today* conference proceedings.

Conference Papers

'The ass and the mule: Faulkner's reception of the Apuleian animalization of slavery in *The Reivers*', Atlantic Classical Association (ACA), Sackville, NB.

Invited Submission: 'An Ancient Witch as an American Wizard: Faulkner's Reception of Pamphile in *The Golden Ass* as Mr Buffaloe in *The Reivers*' (abstract included in a Panel Submission to Society of Classical Studies/American Philology Association Conference, San Diego, CA, January 2019).



James Burnham Sedgwick

Refereed Publication

“Building Blocs: Communities of Dissent, Manufactured Majorities, and International Judgment in Tokyo.” In Kerstin von Lingen (ed.) *Transcultural Justice at the Tokyo Tribunal: The Allied Struggle for Justice, 1946-48*. Brill Publishing, 2018.

Presentation

(with Avery Carter and Alicia David). “Together and Apart: Telepresence and the Maple League.” *Atlantic Universities and Colleges Technology Conference* hosted by Acadia University. Wolfville, Nova Scotia. June 2017.

“Technology in the Classroom.” Invited participant on a roundtable discussion/panel organised for the *Atlantic Universities and Colleges Technology Conference* hosted by Acadia University. Wolfville, Nova Scotia. June 2017.

Student Supervision

BA H 1

Editorial Review

Invited to review a book proposal for Cambridge University Press.

Jamie Whidden

Referred Publications

Egypt: British colony, imperial capital (Manchester: Manchester University Press, 2017).

Presentations

Annual Meeting, Middle East Studies Association of North America, Washington DC, 21 November 2017, “Colonial Memory and Belonging”, & Panel Organizer: “Memory and identity: The significance of locality”.

Egypt Forum, “From Thawra 1919 to the Arab Spring: A Century of Change Reconsidered”, International Workshop, Tel Aviv University, Israel, 2-4 January 2018, “Two Revolutions”.



After Isis: Symposium on Middle Eastern Politics, Mount Allison University, “Revolution and Counter-revolution in Egypt”, 16 March 2018.

Editorial Reviews

Manuscript reading report for Stanford University Press, Shana Minkin, *Imperial Bodies: Death, Governance, and Empire in Alexandria, Egypt*.

Draft manuscript review for Palgrave, Macmillan Education, Kevin Shillington, *History of Africa* (4th ed.).

Student Supervision

MA Thesis Defense Committee: 1

DEPARTMENT OF LANGUAGES AND LITERATURES

Kate Ashley

Chapter in book

‘Le Sacrifice de la femme dans *Pour la Patrie* de Jules Tardivel’, in Irène Chassaing, Juliette Balcke and Ziyang Yang (eds.) *Représentations du sacrifice et du don*, Moncton, Editions Perce-Neige, 2017.

Presentation

‘*La France, c’est moi: R.L. Stevenson and the French Novel*’, ACCUTE, Congress of the Humanities, University of Regina, SK, May 26-29, 2018.

Research Grant

Acadia University Article 25:55 funding: \$3020.

Charles Baurin

Book

Ma Grammaire d’aujourd’hui, Editions Po&Vie Publishing, September 2018.

Presentation

‘*Rimbaud’s Poetry and my own poetry*’, Rimbaud Museum, Charleville France, 2017.



Bernard Delpeche

Presentations

'Bilingualism and Creolization in the Caribbean Literature' at the GRDS International Conference, Asian Institute of Technology, Thailand, December 26-29, 2017.

'Dictée de la Francophonie' at the French International School of Boston, Cambridge MA, March 31, 2018.

Diemo Landgraf

Book

Ethik und Ästhetik in der dekadenten Literatur vor und nach Nietzsche. Freiburg i.Br.: Rombach, 2018.

Chapters in books

'Intoxication and Ecstasy in Guillaume Apollinaire's *Alcools*.' Hermann Herlinghaus (ed.). *The Pharmakon: Concept Figure, Image of Transgression, Poetic Practise*. Heidelberg: Universitätsverlag Winter, 2018, pp. 251-272.

'Decadentismo y postmodernismo – Relaciones intertextuales entre *A contrapelo* de J.K. Huysmans y *Los cuadernos de don Rigoberto* de M. Vargas Llosa.' Sandro Chiri and Agustín Prado (eds.) *La ciudad y los perros y el boom hispanoamericano*. Arequipa: Gobierno Regional de Arequipa y Casa de la Literatura Peruana, 2018.

Research Grant

Acadia Research Fund: \$6,000

Geschwister Boehringer Ingelheim Stiftung für Geisteswissenschaften: \$2500

Student Supervision:

BA H: 1



Robert Proulx

Articles in journals

Les Quatre saisons dans le désordre de Daniel Bélanger: nature dérégulée, humeurs perturbées, Sélection des Actes du Colloque international d'études françaises de l'APFUE, L'appréciation langagière de la Nature: le naturel, le texte et l'artifice, Universidad de Jaén, Spain, February 2018. pp. 521-530.

Les métaphors de la lumière dans la chanson Québécoise modern, Sélection des Actes du XXIVe Colloque international d'études françaises de l'APFUE, Metaforas de la luz/Métaphores de la lumière, Universidad de Almeria, Spain, March 2018, pp. 505-514.

Anna Saroli

Presentations

'Changing Rules, Changing Roles: Challenges for Language Teachers in the 21st Century' (Keynote Address) at the Centro de Idiomas Extranjeros "Ignacio Manuel Altamirano" Seventh International Symposium, Chilpancingo, Mexico. November, 2017.

Christian Thomas

Book review

Review of Jeffrey L. High, Nicholas Martin and Norbert Oellers, eds., *Who Is This Schiller Now? Essays on His Reception and Significance*, Rochester, NY: Camden House, 2011, 494 pp. in *Seminar: A Journal of Germanic Studies* 53.2 (2017) 185-188.

Translation of article (English to German)

Eric Downing, 'Sprachmagie. Stimmung und Geselligkeit' in Theodor Fontanes Der Stechlin' in *Herausforderungen des Realismus: Theodor Fontanes Gesellschaftsromane*, eds. Peter Hohendal and Ulrike Vedder (Freiburg, Breisg.: Rombach Verlag, 2018) 271-295.

Presentations

'Communications Technology and the Erosion of the Private Sphere in Late Nineteenth Century German Literature,' Thirteenth International Conference on Technology, Knowledge and Society, Toronto, ON, May 26, 2017.



'Subversive Grenzüberschreitungen in Friedrich Schiller's *Der Verbrecher aus verlorener Ehre*' CAUTG section of the SSHRC Conference, Toronto, ON, May 28, 2017.

'Städte im DaF-Landeskundeunterricht am Beispiel von Dresden und Hamburg, Dresden and Hamburg CAUTG conference, Montreal, QC, February 3, 2018. With Angela Risthaus.

Romira Worvill

Chapter in book

'La Structure providentielle du Meunier d'Angibault' in *George Sand et l'Idéal: Une recherche en écriture: Textes réunis et présentés par Damein Zanone* (Paris: Champion, 2017).

Presentations

Paper presented at 'D'Alembert dans les débats de son temps: Colloque international pour le tricentenaire de la naissance de D'Alembert' University of Montpellier, October 2017.

SCHOOL OF MUSIC

Mark Adam

Creative Research as a Percussionist and Recording Producer

Mark Adam's professional research included working as a producer, musician, and recording engineer on various artists' recordings. These include technical and artistic production work on recordings by Kim Barlow, Tom Easley, Jeff Hennessy, Sarah Pound, and Malia Rogers. He played and performed production work on a recording with a new trio featuring Glenn Patscha and Nicholas d'Amato. Three of these album projects are slated for release in September 2018.

Creative Research as a Drummer and a Percussionist

As a drummer and percussionist Mark Adam performed in a wide range of genres with artists including Mike Murley (tenor saxophone), David Braid (piano), the Tom Easley Quartet, the WIRED! Ensemble, and Glenn Patscha.

Funding to Support Research

Mark Adam was part of two sources of funding in the past year. He is completing the recording project with Kim Barlow with funds secured from the Canada Council for the Arts. He and bassist Nicholas d'Amato were successful in receiving a 25.55 Research Award to record a new album with Glenn Patscha.



Adjudicating

Mark Adam adjudicated jazz bands and coached percussionists at the Atlantic Festival of Music in Halifax.

Christoph Both

Teaching

In addition to regular teaching duties, Dr. Both organized and work with Dr. Gillian Smith to support the Horton Youth Orchestra program. This program is moving permanently to Acadia University next year in the new form of the Acadia Regional Youth Orchestra (ARYO).

Research

Dr. Both personally transferred a large collection (10,000+ samples) of original and digitized ethnomusicological resources to the Phonological Archives in Berlin.

Dr. Both has developed his previous work using technology for teaching in remote locations (Music Path) into an app for iPhone and soon, for Android devices.

Grants for Research

Dr. Both received SSHRC discretionary funds from the Acadia University Office of Graduate Studies (\$3000) to present a paper based on the ethnomusicology archive in Berlin (see below).

Presentations

Dr. Both presented a paper on his research at the International Association of Sound and Audiovisual Archives (IASA) 48th Annual Conference at the Ethnological Museum, Berlin, Germany, September 17-21, 2017, funded through SSHRC (above).

Dr. Both unveiled the MusicPath MIDI music instrument instructional app at the live stream "Fostering Cross-Institutional collaboration with Technology Enabled Learning: A Multi-Site Event Across Nova Scotia" hosted by 4 Atlantic Canada universities, November 2017.

Michelle Boyd

Publications



Michelle Boyd wrote, “Collaborative Conductor Education Reflections on the 2017 Halifax Choral Conducting Institute” (with Diane Murray-Charrett), published in *Anacrusis: The Journal of Choral Canada* (36/1 (2017): 30-33). She also composed the liner notes for *Ex Tempore*, the new CD recording by the Charke-Cormier Duo (Leaf Music LM220, 2018).

Dr. Boyd also anticipates publication of her review of *A Tale of Two Divas: The Curious Adventures of Jean Forsyth and Edith J. Miller in Canada’s Edwardian West* by Elspeth Cameron in the Journal “ECS: English Studies in Canada”.

Presentations

Delivered a pre-concert talk for the recital, *17th-Century North German Choralevorspiel*, performed by John Scott, organist, at the Manning Memorial Chapel, on 31 October 2017.

Conferences Attended

Attended the 2017 Canadian University Music Society Conference at the University of Toronto, May 25-27 2017.

Continuing Education

Dr. Boyd has been honing her choral conducting skills, working with conductors including James Jordan, at the 2017 Choral Conducting Institute, Westminster Choir College 25 June – 1 July, in Princeton, NJ. She also took part in the Halifax Choral Conducting Institute (HCCI), July 24-28, 2017

Performances

Guest conductor in the Bridgewater Fire Department Band Spring Concert at St. Paul’s Lutheran Church in Bridgewater, NS.

Organized and conducted *Our Canada, Our Home*, a fundraising concert for the WAIC Refugee Support Network at St. John’s Church in Wolfville,

Conducted the Elmer Iseler Singers on July 17 2017 at the First Baptist Church in Halifax.

Student Supervision On Campus

BAM 6

Teaching assistants 2

Teaching Off-Campus

Taught French horn and music theory at the Lunenburg County Band Camp, August 21-25, 2017, at the Bluenose Academy in Lunenburg, NS.

Derek Charke



Publications

The work for guitar and flute, *Ex Tempore* (music score) was published with d' OZ / Doberman Yppan (Lévis, Québec) ISBN: 978-2-89503-934-1

List of Performances of Derek Charke's Compositions /or/ By Derek Charke, flute

- 1 May 13, 2017;** "Elan" world premiere, Saskatoon Symphony Orchestra; TCU Place, Sid Buckwold Theatre, Saskatoon, SK.
- 2 May 16, 2017;** "Mercury in Transit" world premiere, Halifax All City Music, concert band Nathan Beeler, Director; Spatz Theatre, 1855 Trollope Street, Halifax, NS.
- 3 May 26, 2017;** "Tree Rings" world premiere; Evelyn Glennie and John Lowry (Land's End Chamber Music); Bella Concert Hall, Mount Royal University, Calgary, AB.
- 4 June 22, 2017;** "Water Flows Serpentine" world premiere; Cheng2Duo; National Gallery of Canada, Ottawa, ON.
- 5 Sept. 19, 2017;** "Elan" Toronto premiere; Toronto Symphony Orchestra; Roy Thomson Hall, Toronto, ON.
- 6 Oct. 28, 2017;** "True North Movement 3, Industry" world premiere; Calgary Philharmonic; Jack Singer Concert Hall, Calgary, AB.
- 7 Oct. 28, 2017;** "Water Flows Serpentine"; Cheng2 Duo; University of Winnipeg Virtuosi Concerts, Winnipeg, MB.
- 8 Jan. 6, 2018; Improvisation;** Daniel MacNeil, Derek Charke, Norman Adams; Open Waters Festival; The MacAloney Room at The Fountain School for the Arts, Halifax, NS.
- 9 Jan. 21, 2018;** "In the Falling Dark 1" and "In the Falling Dark 2"; Jennifer King, piano; Cecilia Concerts, Lilian Piercey Concert Hall, Maritime Conservatory, Halifax, NS.
- 10 Feb 1-3, 2018;** Acadia New Music Festival; Wolfville, NS.
- 11 Feb. 1, 2018;** Ana Sokolovic & Gerard Grisey; WIRED! Ensemble; Acadia New Music Festival; Denton Hall Auditorium, Wolfville, NS.
- 12 Feb. 3, 2018;** Charke/Cormier Duo plays Langille, Bartok & Charke; Acadia New Music Festival; location: KCIC Irving Centre, Wolfville, NS
- 13 Fri. Feb. 23, 2018;** Charke/Cormier Duo; Cedar Centre Concert Series; 69 Cedar St., Windsor, NS.



14 March 27, 2018; D. Charke, N. Adams, D. MacLennan, T. Naik, S. Naik, D. MacNeil; CBC East Coast Music Hour Studio Session / TV, Radio, and Internet recording / broadcast. Live studio recording; CBC Studios, Halifax, NS.

15 March 28, 2018; Charke-Cormier Duo plays at the U de Moncton.

16 April 21, 2018; Charke-Cormier Duo; Wolfville CD Release Concert; Skyway Dr., Wolfville, NS.

17 April 28, 2018; Charke-Cormier Duo; Musique Royale House Concert Series; Mahone Bay, NS.

Commissions for new compositions by Derek Charke

Dr. Charke is a Juno-Award winning composer of concert music. He worked on two commissions from the last year, “The world is itself a cargo carried”, commissioned by collectif9 in Montreal (with funding from the Canada Council), and “The Sleuth”, commissioned by Jean-Guy Boisvert for grade 2 level clarinet in Bb and piano accompaniment.

Recordings

Dr. Charke personally published a new CD, “Ex Tempore” (2018) with the Leaf-Music label (Halifax). This is the debut CD of the Charke-Cormier Duo, featuring Derek Charke (Flutes) and Eugene Cormier (Guitar). The Vancouver based saxophone quartet Saxophilia recorded Derek Charke’s composition “Last Call” for saxophone quartet. The “BETA Quartet” recorded Derek Charke’s composition “Raga Sept” for four flutes.

Awards

Received two separate 2018 East Coast Music Award Nominations: One is for Best Classical Composition of Year for the original composition “In Sonorous Falling Tones”. The other is a nomination for an ECMA for Best Classical Album of Year for the album, “In Sonorous Falling Tones”, featuring the WIRED! Ensemble, Derek Charke as flute soloist, with Mark Hopkins, conductor.

Eugene Cormier

Publications



Eugene Cormier published articles in the guitar journal, “Soundboard”, Vol. 43 No. 2-4, and Vol. 44 No. 1. The publisher Doberman-Yppan published Cormier’s arrangement of *4 Scarlatti Sonatas* for guitar and flute, DO 1158. Eugene Cormier recorded, mastered, produced and published *Ex Tempore*, the debut CD recording of the Charke-Cormier duo, on Leaf Records LM220.

Performances, guitar

In 2017 Eugene Cormier performed at Dalhousie University on November 21.

In 2018 Mr. Cormier performed in the following concert events:

- 1 Jan 22: Video shoot for upcoming CD release (Wolfville)
- 2 Feb 3: Acadia New Music Festival (KCIC)
- 3 Feb 23: Cedar Centre (Windsor)
- 4 Mar 4: Laycie Sutherland Graduation Recital (Accompaniment)
- 5 Mar 28: Universite de Moncton
- 6 Apr 6: Guitar and Harp Studio Recital (MMC)
- 7 Apr 9: CMW Final Recital (FTB)
- 8 Apr 24: Acadia University (KCIC)
- 9 Apr 28: Musique Royale (Mahone Bay)

Conferences

Attended the Iserlohn International Guitar Symposium in Iserlohn, Germany.

John Hansen

Performances

Performed with Symphony Nova Scotia First Horn and Acadia Alumnus **David Parker**, in a program featuring duo and solo repertoire on the Acadia Alumni Sunday Music in the Garden Room Series on Sunday, November 26, 2017.

Presented a Piano Master Class for the Nova Scotia Registered Music Teachers, Valley Branch, on March 25, 2018.

Student Supervision

Hansen’s private high school piano student, Chantal Peng, won the Nova Scotia Youth Orchestra Concerto Competition and subsequently performed the Grieg Piano Concerto with the NSYO on November 18, 2017 in Convocation Hall, Acadia University, and on November 19 in Halifax. Chantal also won the Nova Scotia Provincial Government Talent Trust 2017 Tietje Zonneveld Award (awarded to “the pianist who, among all others in that discipline, shows the greatest artistic potential and excellence”). Chantal performed at the award ceremony on December 12 in the Central Library in Halifax. Another high school student, Emma He, received a mark of 94% on the Royal Conservatory of Music Grade Nine Practical Examination in August, 2017.



Mark Hopkins

Even though Mark Hopkins served as Acting Director of the School of Music (while Christianne Rushton was taking a full year Sabbatical) he remained active in the fields of music education, conducting, and performance research.

Teaching On and Off Campus

On campus, designed and piloted a new course in SoundPainting (a live composition/improvised music system) for music education students.

Off campus, delivered workshops for students and music teachers at Pine Ridge Middle School, May 3, 2017; and the Annapolis Royal Composite School, March 8, 2018.

Dr. Hopkins was contracted to the Royal Canadian Navy to coach four young conductors from the Stadacona Band as they move forward and work towards becoming officer-conductors on Friday April 13, 2018.

Adjudicating Music Festivals

Adjudicated at the Winnipeg Optimist Concert Band Festival, February 20-23, 2018; and at the Regina Optimist Concert Band Festival, March 20-23, 2018.

List of Performances as a Conductor

Dr. Hopkins is very much in demand as a conductor of student and professional ensembles. Below is a list of his professional performances over the 2017-2018 academic year:

- 1 May 19, 2017**, Conducted two sold-out performances by the Denis Wick Canadian Wind Orchestra in Niagara Falls.
- 2 August 25-27, 2017**, Nova Scotia Youth Wind Ensemble (NSYWE) – Conducted a “boot camp” weekend to bond this ensemble.
- 3 September 22-24, 2017**, Conducted NSYWE rehearsal weekend.
- 4** Conducted NSYWE rehearsal, October 20-21, with performance in the Festival Theatre on **Sunday October 22, 2017**.
- 5 November 17, 2017**, SoundPainting Ensemble improvised music performance, KCIC Garden Room.
- 6 Sunday Nov 26, 2017**, Conducted Acadia premiere of *Mercury in Transit* with the Acadia University Wind Ensemble.



- 7 **January 19-21, 2018**, Conducted NSYWE rehearsal weekend.
- 8 **February 2, 2018**, Conducted the professional ensemble **WIRED!** in the east coast premiere of *Vortex Temporum* by Gerard Grisey.
- 9 **February 15, 2018**, Conducted a rehearsal with the professional Stadacona Band of the Royal Canadian Navy in preparation of David Maslanka's *Traveller*.
- 10 **February 16-18, 2018**, Conducted NSYWE rehearsal weekend.
- 11 Conducted NSYWE & Stadacona Band rehearsal, February 24, with performance in the Festival Theatre on **Sunday February 25, 2018**, at Seton Hall, Mount St. Vincent University, Halifax.

Grants to Support Research

Received two grants to support research and creative work. As co-Director of the Acadia New Music Festival, he and Derek Charke received a grant from the SOCAN Foundation to support the Residency of composer Ana Soklovic, February 1-4, 2018. He also applied for and received a grant from Arts Nova Scotia to present the first performance in Canada east of Montreal of Gerard Grisey's epic work, *Vortex Temporum*.

Awards

Mark Hopkins was nominated for an East Coast Music Award, for his work as a conductor on the Centrediscs CD "In Sonorous Falling Tones".

Attendance / Presentations at Symposiums and Colloquia

Dr. Hopkins (and eleven Acadia University undergraduate students) delivered a presentation at the Nova Scotia Music Educators Association Conference, "SoundPainting Techniques and their Application in the Instrumental Music Classroom", October 28, 2017. Dr. Hopkins also attended the Chicago Midwest Band and Orchestra Clinic, December 19-22, 2017.

Creation – Wind Band Repertoire

Mark Hopkins formulated a new arrangement of *Symphonies of Wind Instruments* Chorale, by Igor Stravinsky, to coincide with the 100'th anniversary of its creation. This arrangement will be published, for free, through his website, markemersonhopkins.ca.

Mentoring and Student Supervision

Advised all 35+ music education students in the School of Music, and as Director



oversaw all of the course advising in the SoM. He worked with two “Conducting Fellows” with the Denis Wick Canadian Wind Orchestra in Niagara Falls, teaching and coaching them as they led some parts of the ensemble. One of these Conducting Fellows, Thomas Burton from Wolfville, NS, was accepted to Master’s degree conducting studies at the University of Michigan.

Service – Committees On and Off Campus

On campus, Mark Hopkins was Chair of the School of Music Faculty Committee, the Large Ensemble Planning Committee, and the DRC for Mark Adam’s application for tenure and Associate Professor. He also served on the Faculty of Professional Studies Planning Committee and the Faculty of Arts Heads and Directors Committee. Off Campus, Dr. Hopkins serves as Education Advisor to MusicFest Canada, and is past president of the Nova Scotia Band Association.

Paul Lauzon

Research

Paul Lauzon’s essay “Folk Music as a Therapeutic Resource” has been published in the latest issue of the Canadian Journal for Music Therapy, Volume 23, 2017, pages 59 - 77. This is the first comprehensive article dealing with this important topic, and as Editor, Dr. Sue Baines explains: “Paul Lauzon’s research explores how appreciating folk song can provide a deeper understanding of many song forms. With his passion for and connection with the folk repertoire of Atlantic Canada, Lauzon takes us through a process that investigates the musical structures and lyrical themes of these traditional songs and how to mine this rich musical/lyrical resource to enrich song-based music therapy practice”.

“Music and Spirituality: Explanations and Implications” has been accepted by the British Journal of Music Therapy.

Blue Wing Music released Paul’s latest CD of original songs “Among Humans” in October 2017.

Service

Undertook a series of lectures called the Unity Series during the past academic year.

Served as secretary to the Faculty of Arts Council.

Claire Mallin



Teaching, On and Off Campus

Continues to hold down a challenging load of applied voice students, and continues to explore Dalcroze Eurhythmics and incorporate them into her teaching.

Was a guest conductor and clinician with both Annapolis Valley Honour Choirs.

Worked with the Yellowknife Community Choir while they were on tour in NS.

Served as an adjudicator for the National Association of Teachers of Singing voice competition in Moncton.

Research

Attended the FIER International Dalcroze Conference in August 2017

Presented a seminar as part of her PhD studies at Laval University in the Fall of 2017.

Other Professional Development

Completed two continuing education courses at Acadia to improve her teaching, *Teaching Large Classes* and *Planning for Student Success*.

Service

A member of the Faculty of Arts Curriculum Committee and the University Research Fund Committee.

Heather Price

Teaching

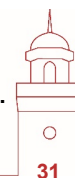
Designed a course to explore the healing power of music to social and trauma contexts, particularly refugees. She hopes to follow this work by developing a Community Music Therapy offering for musician wellness and empowerment.

Delivered a workshop on Music and Trauma for the Music Therapy Student Association.

Research

Attended the Montreal Association for Music Imagery conference in June 2017

Attended the Musicians without Borders conference in the Netherlands, October 2017.



Performed a significant solo piano work by composer Ana Sokolovic in the Acadia New Music Festival on February 2, 2018.

Service

Started a community choir in Wolfville, OurTunes, which has been a resounding success, with over 100 members.

Director of Music at the Wolfville Baptist Church.

Volunteer at L'Arche Homefires in Wolfville.

Paula Rockwell

Teaching

In addition to her teaching on campus, Ms. Rockwell led sessions and shared her vocal pedagogy with the Nova Scotia Choral Federation Camp and the Wolfville Musical Theatre Kids production with Leone Stanway, Director.

Adjudicating

Adjudicated at two festivals, the Rotary Festival in Cornerbrook, NL (March 10-17, 2018) and the Bridgewater Kiwanis Music Festival (April 10-13, 2018).

Performances

Paula Rockwell continues to be in demand as a solo performer, below is a list of her performances this year:

- 1 Holly Carr's "Women I am and the Stories We Tell" , October 26, 2017
- 2 House Concert Fundraiser for the Wolfville Food Bank, with Shelley Thompson (prose, poems and songs for the season) on December 8, 2017.
- 3 Music Director and Script Writer for Opera Nova Scotia's Opera Valentine Fundraiser, February 16, 2018.
- 4-7 Producer and Director of the Acadia University production of *Pelagie* by Atlantic composer Alan Cole, with performances including the Tom Regan Concert, and the Windsor Centre.
- 8 Soloist with the Ogontz Choral Symposium, in Lyman Hew Hampshire.

Commissions and Recordings



Ms. Rockwell is writing songs for an album “Letters from Home” and has applied for a creation grant from Arts Nova Scotia. She is in the midst of working on a new CD recording of her music titled “Unwrapped”.

Conferences

Led a master class at the Nova Scotia Registered Music Teachers Association conference titled “Let’s Move and Sing”, June 10 2017.

Attended the NATS Songfest and the Art of Song Seminar at the University of Toronto.

Student Supervision

Guided three students through their 4th year recitals: Meagan Adams, Georgia Edwards, and Ellen Torrie.

Christianne Rushton, (on Sabbatical 2017-2018)

Teaching, on and off Campus

Dr. Rushton used her sabbatical time to revise her opera course, MUSI 4243, and will be teaching this new course this Fall.

Was a guest voice coach for the Halifax Youth Girls Choir, the Nova Scotia Choral Federation Camp and the NS Youth Choir, and delivered a masterclass at Mount Allison University.

Adjudicating

Adjudicated Maritime Conservatory voice exams in May 2017; at the St. John, NB Music Festival; and Choral Festival in St. John’s, NL.

Performances while on Sabbatical

Dr. Rushton demonstrated that despite three years as Director of the School of Music, she is very much in demand as a singer. Below is a list of performances:

- 1 Concert tour, Atlantic Provinces, with Robert Kortgaard (September/October 2017) World Premiere of Commissioned work by Jeff Enns included in Concert of all Canadian compositions
- 2 Mount Allison, September 27, 2017



- 3 University of Prince Edward Island, September 29, 2017
- 4 Acadia University, October 5, 2017
- 5 Soloist in Choral Concert with Chicago North Shore Chorale (November 2017), conductor Dr. Julia Davids
- 6 Soloist with Acadia Chorus (December 2017).
- 7 Soloist in Tom Regan Memorial Concert (February 2018)
- 8 Solo recital and Concert with Camerata Singers (March 2018)
- 9 Soloist, in Recital with *Baltimore Musicales*, Baltimore, Maryland, USA (April 2018)

Research Funds

Received 25.55 funding to support performances in Baltimore, Maryland.

Public Speaking

Dr. Rushton has found a new way to use her expertise as a voice coach, founding an organization called “Find Your Dynamic Voice” and delivered three presentations to business organizations: Eleanor Beaton’s Women’s Leadership Retreat; Leaders in Tech; and Royal LePage Atlantic.

Activity that Supports Research

Co-authored (with Dr. J. Bains) a Quality Assurance document for the University of Prince Edward Island, Department of Music.

Hired by UPEI to visit the campus for two days, conducted interviews, meet with students and wrote a final report for the office of the VPA.

Ken Shorley

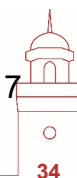
Presentations

Presented, “The influence of Indian music on global music traditions” at the Madras Music Academy (Chennai, India) on Dec 25, 2017, with Professor Trichy Sankaran.

Performances

Mr. Shorley is much in demand as a performer. Below is a list of performances:

- 1 Sunfest (London, ON) with ASHK world music ensemble, July 6-9, 2017
- 2 Mosaik (Moncton, NB) with ASHK - July 21-22, 2017
- 3 Tall Ships Festival (Halifax, NS) with Der Heisser klezmer band - July 28-31, 2017



- 4 War Child Benefit (Wolfville, NS) solo performance - December 9, 2017

Conferences Attended

Attended two conferences with hands-on elements:

the Music Academy Conference (Chennai, India) - Dec 15-30, 2017, and

Labyrinth Italia (Savoca, Sicily) - April 24-29, 2018

Is currently working on Afghan music with master musician Daud Khan Sadozai

Funding and Awards

Received a 25.55 Acadia Research grant (\$5000) to begin work on the Trichy Sankaran Korvai Archive (Dec 2017 - Mar 2018) in Chennai, India.

Received a Valley Arts Award (presented by Deep Roots Music Festival, Wolfville) in Sept 2017.

Student Supervision

Rehearsed and premiered a new work, *Macchiato*, by Acadia graduate Adam Langille, with the Acadia Gamelan Ensemble (Fall 2017)

Jeff Torbert

Teaching

Jeff Torbert maintained an active studio of guitar students and taught three new courses; MUSI 2713 Chamber Music Workshop and two levels of Playing and Hearing Music, both core courses.

Served as a jury member for Dalhousie University - 10 guitar juries and 4 recitals.

Attended the Society for Teaching and Learning in Higher Education in Halifax, NS.

Performances and Recordings

Performed on albums by Rich Aucoin, Jerome Blais, and played with Voix L'Acadie and Anne Jannelle.



Service

Served as Arts representative, Acting Chair, and Secretary for the Senate Disability Policy Committee.

DEPARTMENT OF PHILOSOPHY

Paul Abela

Public Speaking Engagements and Colloquia

“AI/Robots and Our Future: Public Panel Debate,” Acadia University, October 19, 2017.

“Atheism, Naturalism and Modernity,” Social and Political Thought Program, Acadia University, October 27, 2017.

“Atheism: A Strange Kind of Liberation,” public presentation, Port Williams, Nova Scotia, April 17, 2018.

Referee for *Studies in History and Philosophy of Science*.

Student Supervision:

Independent Study Students: 3

Stephen Maitzen

Refereed Publication

“Substantial Change: Continuous, Consistent, Objective,” *The Journal of Philosophy* 114 (2017): 551–562. Nominated for the 2017 edition of *The Philosopher’s Annual*, an anthology of the ten best philosophy articles published in English.

Invited Publications

“Naturalism and the Fundamental Question,” *Free Inquiry* 37 (August/ September 2017), 30–33.

“Against Ultimacy,” *Renewing Philosophy of Religion: Exploratory Essays*, ed. Paul R. Draper and J. L. Schellenberg (Oxford University Press, 2017), 48–62.



“The Problem of Magic,” *Does God Matter? Essays on the Axiological Consequences of Theism*, ed. Klaas J. Kraay (Routledge, 2018), 132–146.

Student Supervision:

BA H 1

Marc Ramsay

Refereed Publications

“Slaves, Gladiators, and Death: Kantian Liberalism and the Moral Limits of Consent,” *Legal Theory* 23:2 (June 2017), 96–131.

Entries “Hobhouse, L. T.,” “Juvenile Justice,” and “Violent Sports” in the *International Encyclopedia of Ethics*, Wiley-Blackwell, June 2017.

Referee for *Teaching Ethics* and the *Journal of Social Philosophy*.

Anna Wilks

Conference Presentations

“Are Robotic Persons Possible?” Fourteenth International Conference on Persons (Università della Calabria, Rende, Italy), May 24–27, 2017,

“Are Robotic Persons Possible?” Meeting of the Atlantic Region Philosophers’ Association (Dalhousie University), October 13–14, 2017.

Referee for the Dutch Seminar in Early Modern Philosophy, to be held in Utrecht, Netherlands, May 30–31, 2018.

Student Supervision:

BA H 1



Ian Wilks

Invited Publication

Revised article: "Peter Abelard," in Henrik Lagerlund, ed., *The Encyclopedia of Medieval Philosophy*, Second Edition, Springer-Verlag (forthcoming).

Referee for the journal *Sophia*.

DEPARTMENT OF POLITICS

Cynthia Alexander

Presentations

- C.J. Alexander and D.B. McKee "Decolonizing Ourselves: Strategic Individual Responses to Daily Challenges, Systems and Routines" World Summit on Social Accountability. The Network: Towards Unity for Health (TUFH) Hammamet, Tunisia, April 8-12, 2017.
- C.J. Alexander and D.B. McKee, 'Post-Op' Canada 150: A Decolonizing Framework for Health Professionals," Canadian Society for Circumpolar Health and the Society of Rural Physicians of Canada-Atlantic, the Scientific Committee for Northern, Rural, and Remote Health 2017, in Happy Valley-Goose Bay, Newfoundland and Labrador, October 6-9, 2017.

Public Speaking Engagements

Circle of Hope Mawio'mi at Acadia University, October 4, 2017: Co-Presenter with John Houston, Elders Joe Michael and Holly Meuse, on Reconciliation and Community Service Learning, director's special screening of the rough cut of our one hour made for television documentary film, October 4, 2017.

Other Creative Works

- Film Production on Mi'kmaw Customary Law Circle: Reconciliation and Community Service Learning, with film director, John Houston, and Mi'kmaw advisors Elder Holly Meuse, and Elder Joe Michael.
- Final stages of editing major one hour made for television production, based on community service learning and reconciliation at Acadia University. Producer: John Houston.

Public Service Activity



Co-organized the 2017 Mawio'mi, a three day public event that included the raising of a tipi on the front lawn of the Acadia University Campus with the engagement of students from every faculty; hosting Elders who facilitated different public events, including Sunrise Ceremony on each of the 3 days, including for the first time event, a sunrise ceremony for men from across campus and the local community who volunteered to be part of the national Moose Hide Campaign to end violence against women; a doc and talk (documentary screening and dialogue) which attracted 45 students from Horton High School; a director's screening of the rough cut of a one hour documentary film; and for the first time ever, a flash mob that attracted over 200 campus and community members to remember and honour MMIWG and men and boys; and a public feast. Elders, Chiefs and community from across the region came to participate.

Professional Service

SSHRC Expert Panellist, "Supporting Arctic Research through Knowledge Sharing, Collaboration, and Co-Design: The Canadian Consortium for Arctic Data Interoperability." SSHRC Partnership Grants, 2018.

SSHRC Committee Member, 2018-19 SSHRC Postdoctoral Fellowships competition, 2017.

Grants

Research on the TRC Calls to Action in Education, SSHRC Internal Research Grant, \$1200, 2018.

Student Supervision

BAH Second Reader: 1

Andrew Biro

Non-Refereed Publications

Review of William Connolly, *Facing the Planetary: Entangled Humanism and the Politics of Swarming in Contemporary Political Theory*.

"Karl Marx: Alienation and Objectification under Capitalism" from *Denaturalizing Ecological Politics* (U of Toronto Press, 2005) was reprinted in *Karl Marx*, ed. Jessica Manry (Layman Poupard, 2017).

"Making Games as Teaching Tools." Guest post on Active Learning in Political Science (ALPS) blog <http://activelearningps.com/2017/09/25/making-games-as-teaching-tools/>. Sept. 25, 2017.

Presentations

"Organizing Resources: Environmental Politics in Canada" (co-authored with Alice Cohen), Canadian Political Science Association, Toronto, ON, May30-June1, 2017.



Discussant, panel on “Progress, Legitimacy, Justice” at Western Political Science Association, San Francisco, CA, March 28-31, 2018.

Discussant, panel on “Apocalyptic Presence” at Western Political Science Association, San Francisco, CA, March 28-31, 2018.

Chair, panel on “Rethinking Representation” at Western Political Science Association, San Francisco, CA, March 28-31, 2018.

Guest presentation (via Skype) in PSCI 7024 “Seminar in Political Theory” University of Colorado (taught by Dr. S. Vanderheiden).

Public Speaking Engagements

“The Politics of Bottled Water” Dalhousie University Environment, Sustainability, and Society Lecture Series. Nov. 16, 2017.

Professional Service

Research Associate, Canadian Centre for Policy Alternatives – Nova Scotia.

Editorial Board memberships: Capitalism, Nature, Socialism Studies in Political Economy.

Student Supervision

BAH Supervisor: 2

BAH Second Reader: 1

MA: 3 (SOPT, all in progress)

MA Examining Committee: 1 (Politics)

PhD External Examiner: 1 (Political Science, York University)

PhD Committee member: 1 (California Institute for Integrative Studies)

Rachel Brickner

Refereed Publications

2017. “Organizing Baristas in Halifax Cafes: Precarious Work and Gender and Class Identities in the Millennial Generation” (with Meaghan Dalton), *Critical Sociology*, first published September 23, DOI: 10.1177/0896920517730671, pp. 1-16. **(R)**

Presentations

November 2017. Panelist, Interdisciplinary Panel Discussion on Venezuela, hosted by the Politics and Economics student associations.

September 2017. “Two Ways of Thinking about Labour Organizing,” SPT Colloquium, Acadia University.

June 2017, “Care in Contention: Understanding the Political Motivation of Education Activists,” Global Carework Summit, University of Massachusetts Lowell, June 1-3, 2017.



Public Speaking Engagements

December 2017. “American Democracy under President Trump,” Presentation at the Port Pub’s “Ideas – Acadia” series.

Professional Service

Research Advisory Council, CCPA-NS.
Vice-president ANSUT.

Awards

CAUT Dedicated Service Award.

Student Supervision

BAH Supervisor: 3 (1 Politics in progress)
1 (Community Development in progress)
MA 2 (SOPT in progress)
MA Second Reader: 1 (SOPT)

Erin Crandall

Refereed Publications

Emmanuelle Richez and Erin Crandall. Forthcoming. “Judicial Discretion as Political Choice: The Supreme Court of Canada’s Cost Awarding Power,” *Canadian Journal of Political Science*. (R)

Andrea Lawlor and Erin Crandall. Forthcoming. “Policy versus Practice: Third Party Behaviour in Canadian Elections,” *Canadian Public Administration* 61 (2). (R)

Andrea Lawlor and Erin Crandall. FirstView. “Regulating Third Party Spending in Canada and the United Kingdom: A Comparative Policy Framework,” *Public Policy and Administration*. (R)

Erin Crandall. 2018. “Supreme Court Judges: Traditional Elite Roles in a Digital Age” in Alex Marland, Thierry Giasson, and Andrea Lawlor, eds., *Political Elites in Canada: Power and Influence in Instantaneous Times* (Vancouver: UBC Press), 128-48. (R)

Erin Crandall and Andrea Lawlor. 2018. “Third Party Policy and Electoral Participation after *Harper v. Canada*: A Triumph of Egalitarianism?” in Emmett Macfarlane, ed., *Policy Change, Courts, and the Canadian Constitution* (Toronto: University of Toronto Press). (R)

Non-Refereed Publications



Andrea Lawlor and Erin Crandall. 2017. "Canada and the UK can learn from one another in how to regulate money in politics," LSE United States Politics and Policy Blog (2 November) <<http://blogs.lse.ac.uk/usappblog/2017/11/02/canada-and-the-uk-can-learn-from-one-another-in-how-to-regulate-money-in-politics/>>.

Presentations

"Assessing Canada's Constitutional Amending Formula through the Practice of Informal Reform: The Cases of the Senate and Supreme Court," Atlantic Provinces Political Science Association, Moncton, NB, October 2017. * Revised version of this paper presented at Conference on Rewriting the Canadian Constitution, Boston College Law School, Boston, MA, October 2017.

"The Future of the Atlantic Provinces Political Science Association," roundtable participant, Atlantic Provinces Political Science Association, Moncton, NB, October 2017.

"Social Media as a Regulation Challenge for Electoral Integrity: A Comparative Analysis of Canada and the United Kingdom" co-presented with Andrea Lawlor, European Consortium for Political Research, Oslo, Norway, September 2017.

"Competing Diversities: Representing "Canada" on the Supreme Court in 2016," co-presented with Robert Schertzer, Canadian Political Science Association, Toronto, ON, June 2017.

*Revised version of this paper presented at 2017 State of the Federation Conference, Queen's University, Kingston, ON, June 2017.

"Feminist Praxis in Intersectional Pedagogy," roundtable participant, Canadian Political Science Association, Toronto, ON, June 2017.

Public Speaking Engagements

Media interviews on issues related to Canadian politics:

Interviewed on CBC Radio's "Mainstreet" (Halifax, NS).

Interviewed on CBC Radio's "Information Morning" (Fredericton, NB).

Interviewed on CBC Radio's "Information Morning" (Saint John, NB).

Interviewed on News 95.7's "Rick Howe Show" (Halifax, NS).

Interviewed by *Chronicle Herald*.

Interviewed by Canadian Press.

Research Grants

Social Science and Humanities Research Council (SSHRC) Insight Development Grant
Research Project: "Third Party Campaign Spending: Weak Policy, Weakened Engagement?" Co-Investigator with Dr. Andrea Lawlor (King's University College, Western University). Awarded Amount: \$60,087. Grant Period: June 1, 2015 to



August 1, 2018.

Professional Service

Atlantic Provinces Political Science Association Interim Executive Committee (October 2017-present).

Co-Chair for 3MT (3 Minute Thesis) event at 2018 Canadian Political Science Association's annual conference (October 2017-June 2018).

Awards

Acadia Students' Union Leadership in Teaching Award, April 2018.

Student Supervision

BAH Supervisor: 1
MA 2 (in progress)

Can E. Mutlu

Non-Refereed Publications

Mark B. Salter and Can E. Mutlu (2018) 'Methods in critical security studies' in Alexandria Gheciu and William C. Wohlforth *Oxford Handbook of International Security*, Oxford, Oxford University Press.

Presentations

Current Issues in Turkish Politics, Symposium on the International Relations of the Contemporary Middle East, (Sackville, NB, March 2018).

Turkey Today and Tomorrow, Canadian International Council Halifax Branch Talks, (Halifax, NS, March 2018).

Global Refugee Crisis: A Permanent Crisis? Acadia Ideas Talk at Port Pub (Port Williams, NS, February 2018).

Architecture, Security, Design, the Acadia Social Political Thought Colloquium (Wolfville, Nova Scotia, February 2018).

Constructing a "European" Refugee Crisis: Border Security, and Migration Management in the European Union, and Beyond, Borders in Globalization Midterm Conference. (Ottawa, ON, Canada December 2017).

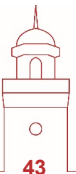
Irregular Migration & External Border Security in Europe & beyond, Jean Monnet Network Workshop. (Brussels, Belgium, November 2017).

Research Design in Critical Security Studies, University of Amsterdam. FOLLOW workshop, (Amsterdam, the Netherlands, October 2017).

The Syrian Nationals in Turkey: Crisis-management to long-term implications, (University of Amsterdam, SPIU-25, October 2017).

The Syrian Nationals in Turkey: Crisis-management to long-term implications. University of Victoria, Centre for Global Studies (Victoria BC, Canada, June 2017).

"Europeanization of migration and asylum policy and management in Turkey" Migration



and Borders: The Humanitarian and Migration Crisis in Europe: A challenge for EU borders? Jean Monnet Network Strasbourg, France 22 May 2017.
Border Security and Migration in Turkey: The Case of Syrian Nationals in Turkey, Summer Institute - Mediterranean Migration and Borders: Beyond the Security Nexus, IMéRA, Institute for Advanced Studies of Aix-Marseille University. (Marseille, France 15-19 May 2017).
Research Design and Methods in Critical IR and Critical Security Studies, Faculty of Social Sciences, University of Belgrade, Belgrade, Serbia, 17 May 2017.

Research Grants

UVic Global Studies Fellowship at a value of \$1700 CAD, June-July 2017.
Acadia University Research Fund (Article 25.55) for \$3740 CAD, June-July 2017.
Entering the 2nd and final year of the Harrison McCain Emerging Scholars grant.
Entering the 3rd and final year of the European Union's Jean Monnet Network grant in September, which is hosted at the University of Victoria.

Professional Service

Reviewed articles for international journals, and press houses.

Served on the jury for Canadian Political Science Association (CPSA) – International Relations Book Award Jury.

Served on the jury for International Studies Association – Canada graduate paper award.

Elected to the Board of the European Community Studies Association – Canada (ECSA-C).

Student Supervision

BA H	2 (1 in progress)
MA	2 (1 in progress)

Inna Viriasova

Refereed Publications

At the Limits of the Political: Affect, Life, Things (London, UK: Rowman & Littlefield International, March 2018). **(R)**

Roberto Esposito: Biopolitics and Philosophy, co-edited with Antonio Calcagno (Albany, NY: SUNY Press, July 2018). **(R)**

“Speculative Political Theory: Quentin Meillassoux and ‘the Great Outdoors’ of Politics,” *Theory and Event* 20, no. 3 (2017): 629-652. **(R)**



Geoffrey Whitehall

Non-Refereed Publications

The Aesthetics of Triage: Towards Life Beyond Survival to be included in Lawrence. J. and Weibe. S. (Eds) Biopolitical Disaster (2017).

Presentations

“The Subjectivation of Born Losers” presented at the Social And Political Thought Colloquium at Acadia University February 2018.

Cinema in Action: The Background Strikes Back presented at the Workshop: Politics of Hope, November 28-29, 2017. Organized by the Copenhagen Business School at the University of Copenhagen and the Department of International Relations University of Lapland. Copenhagen, Denmark.

Cinematic Action: the political aesthetics of backgrounds in action films presented at Popular Culture and World Politics (PCWP10), November 23-25, 2017. Newcastle University, Newcastle, UK.

Causal Violence: The Aesthetics of the Background presented at The Western Political Science Association, April 12-15, 2017. Vancouver, British Columbia.

The Biopolitics of (Im)material Violence Chair and Discussant at The Western Political Science Association, April 12-15, 2017. Vancouver, British Columbia.

Research Grants

2018 - Acadia University Research Grant 25.55 ~ \$2622 CD

Student Supervision

BAH Supervisor: 1
MA 2 SOPT (in progress)
MA 2 Politics (in progress)
MA First Reader 1 (SOPT)
MA Second Reader 1

DEPARTMENT OF SOCIOLOGY

Zelda Abramson

Refereed

Abramson, Zelda and John Lynch. Forthcoming 2019. *Unpacking: Holocaust Survivors Making Montreal Home*. Toronto: Between The Lines Press.



2017. "Health and the Environment" in *Second Opinion: An Introduction to Health Sociology 2nd edition* (Eds. John Germov and Jennie Hornosty). Toronto: Oxford University Press

Presentations

November 2018. "Holocaust survivors Making Montreal Home," Al Whittle Theatre, Wolfville, NS.

Claudine Bonner

Refereed

Bonner, C. "'Likely to become a Public Charge': Examining Black Migration to Eastern Canada, 1900-1930." In Aladejebi, F. & M. Johnson. (Guest Editors). *Unsettling the Great White North: African Canadian History*. Toronto: University of Toronto Press. (under review).

Non-refereed

Bonner, C. (2017). [Review of book *Canada's Rural Majority, 1870-1940: Household, Environment, Economies*, by Ruth Sandwell]. *Ontario History*, 109, no. 1, (149-150).

Grants

Harrison McCain Foundation: Emerging Scholar Awards (2017) "Diversity and Equity in Education: Reality or Rhetoric?"

Presentations

January 2018. Keynote address, *Bridging Religion and Black Nationalism: the founding of St Philips African Orthodox Church and the UNIA Hall in Whitney Pier During the 1920s*. Keynote speech to the Old Sydney Society, Sydney, NS.

May 2017. "The Church Bulletin: Seeds of a Maritime Black Press?" Paper presented at the annual conference of the Canadian Communications Association, Toronto, ON.

May 2017. "'More than a Domestic': Black Women and the Civil Rights Movement in Nova Scotia." Paper presented at the annual conference of the Canadian Historical Association, Toronto, ON.

May 2017. "The Church Bulletin: Seeds of a Maritime Black Press?" Paper presented at the bi-annual conference of the Black Canadian Studies Association, Brandon, MB.

January 2017. "Work in Steel is not for the Weak: African Caribbean Migration to Cape Breton, NS, 1900-1930." Paper presented at the American Historical Association annual conference. Denver, CO.



Student Supervision

MA: 1
BAH: 1

James Brittain

Refereed

- Dahringer, Heather A. Kitchin and James J. Brittain. 2017. *Mapping Geographies of Violence*. Halifax: Fernwood Publishers.
- Brittain, James J. 2018. "Calling (Intellectual) Bullshit On Inequality's Perversion of Alienation," *Socialist Studies* 13(1).
2017. "Reading the (Identity Politics) Market: Articulating the forest past the trees post-Trump," *Capital & Class* 41(3): 411-422.
2017. "Violence Beyond the Proximal Subjective: Theorizing an addendum of distal causality," *International Journal of Žižek Studies* 11(1): 1-19.
2017. "A Violent Escape: Scripting intra-class conflict and (fortifying) contemporary capitalist endurance," in *Mapping Geographies of Violence*. Heather A. Kitchin Dahringer and James J. Brittain (Editors). Halifax: Fernwood Publishers. pp.76-106.
- 2017 "Theorizing Violence Through an Approach Toward Power," in *Mapping Geographies of Violence*. Heather A. Kitchin Dahringer and James J. Brittain (Editors). Halifax: Fernwood Publishers. pp.8-25.

Non-Refereed

- Brittain, James J. Forthcoming. "Here Comes the Boom," *Left Film Review* (On-Line).
- Brittain, James J. 2017. "Introducing Acadia to Acadia: Welcoming new continuing Instructors," *AUFA Communicator* 21(2):9.

Grants

2017-2018. Acadia University Research Fund

Student Supervision

MA: 2
MA (SOPT, co-supervisor): 5
BAH: 1

Jesse Carlson

Refereed Publication

Hayes, Matthew, and Jesse Carlson. 2018 "Good Guests and Obnoxious Gringos: Cosmopolitan Ideals Among North American Migrants to Cuenca, Ecuador." *American Journal of Cultural Sociology* 6.1(February 2018):189–211. First Online: June 1, 2017.

Student Supervision

BAH: 1



Heather Dahringer (on Sabatical winter 2018)

Refereed

Dahringer, Heather A. Kitchin and James J. Brittain. 2017. *Mapping Geographies of Violence*. Halifax: Fernwood Publishers.

Lesley Frank

Refereed

Frank, L. (forthcoming). "Hungry for an education": Prevalence and outcomes of food insecurity among students at a primarily undergraduate university in rural Nova Scotia," *Canadian Journal of Higher Education*.

Orr, S., N. Dachner, L. Frank and V. Tarasuk. 2018. "The relationship between household food insecurity and infant feeding practices among Canadian mothers." *Canadian Medical Association Journal*.

Frank, L. 2018. "Finding Formula: Community-based organizational responses to infant formula needs due to household food insecurity." *Canadian Food Studies Journal*.

Frank, L, Saulnier, C. November 26, 2017. *The 2017 Report Card on Child and Family Poverty*. Canadian Centre for Policy Alternatives-Nova Scotia (CCPA-NS).

Non-refereed

Rudrum, S. and L. Frank. January 19, 2018

<http://behindthenumbers.ca/2018/01/19/model-sites-rural-midwifery-nova-scotia-built-fail/>

Frank, L., Saulnier, C. 2017. "Investment Needed to End Child Poverty." The Monitor-Canadian Centre for Policy Alternatives, 23(5):8.

Frank, Lesley and Christine Saulnier. November 22, 2017. Blogs Time for a new social contract to eradicate child and family poverty in Nova Scotia
<http://behindthenumbers.ca/2017/11/22/childpovertyreportcard/> Model Sites for Rural Midwifery in Nova Scotia: Built to Fail?

Grants

SSHRC Insight Grant. April 2018. "Dismantling Stigma: Exploring experiences of and views on food insecurity, social exclusion, and shame among women through participatory action research." (co-applicant).

Lesley Frank and Sarah Rudrum. June 2017. Acadia University - SSHRC Aid to Small Universities Grant Program. Project Title: *Pregnancy, birth, and parenting supports as sites of rural resilience*.

Presentations

October 2017. WISE Works - Wise Advisor. Invited student advisor to discuss careers.
November 17, 2017 2017. "Research Ethics." Invited research coach/teacher for Micro



Research Nova Scotia, IWK/NSHA, Kentville, NS.
February 1, 2018. Frank, L, Bachar, S. February 1, 2018. "Qualitative Analysis: Making Sense of Data." EDU 5513 – Research Design in Education.

Student Supervision

MA: 2

Saara Liinamaa

Refereed

- Liinamaa, S. 2017. Negotiating a 'Radically Ambiguous World': Planning for the future of research at the art and design university. *International Journal of Art and Design Education*. 10.1111/jade.12143 (online first).
- Horgan, M. and S. Liinamaa. 2017. First But Not a Founder: Gender, identity and the exclusion of Annie Marion MacLean from the history of Canadian sociology. In *Reading Sociology*, ed. L. Tepperman and P. Albanese, pp. 121- 126. Toronto: Oxford University Press.
- Liinamaa, S. Forthcoming. The Aesthetics of Socio-Spatial Justice Under Planetary Urbanization. In *The Routledge Handbook of Henri Lefebvre*, eds. Leary-Owhin and McCarthy. London: Routledge.

Grants

2017. Harrison McCain Foundation: Emerging Scholar Award (2017) "New Spirit of Creativity."

2018. SSHRC Insight Grant, Co-Investigator. "Sociable Cities: Informal infrastructures of everyday urban convivialities."

Presentations

- 'Theorizing Creativity and Cultural Work in Canada.' Canadian Network for Critical Sociology. Ottawa, June 2017.
- Co-organizer (with F. Kurasawa, York) Prospects for Critical Sociology in the 21st Century, Annual Meetings of the American Sociological Association, Montreal. August 2017.

Student supervision

MA: 1
BAH: 1

Barb Moore

Student Supervision

MA: 1
BAH: 1



Sarah Rudrum

Refereed

- Rudrum, Sarah, Oliffe, John L., & Benoit, Cecilia. 2017. Discourses of masculinity, femininity and sexuality in Uganda's Stand Proud, Get Circumcised campaign. *Culture, Health & Sexuality*. 19(2), 225-239.
- Rudrum, Sarah. (2017). Review of the book *African Medical Pluralism*, ed. William C. Olsen and Carolyn Sargent. *Sociology of Health and Illness*. Online first. 10.1111/1467-9566.12714

Non-refereed

- Rudrum, S. and L. Frank. January 19, 2018
<http://behindthenumbers.ca/2018/01/19/model-sites-rural-midwifery-nova-scotia-built-fail/>

Presentations

2017. "Male Circumcision and Social Inclusion. Canadian Conference on Global Health. Ottawa, ON.

Grants

- Lesley Frank and Sarah Rudrum. June 2017. "Pregnancy, birth, and parenting supports as sites of rural resilience." Acadia University - SSHRC Aid to Small Universities Grant Program.

Student Supervision

- MA: 1
BAH: 1

WOMEN'S AND GENDER STUDIES PROGRAM

Faculty who contribute to the WGST program and/or its administration (not all are represented)

Barb Anderson (Nutrition and Dietetics) and **Dr. Lesley Frank** (Sociology) are part of a research team that recently received a four-year SSHRC grant (approximately \$75,000 total). The research is entitled *Dismantling stigma: exploring experiences of and views on food insecurity, social exclusion, and shame among women through participatory action research*. The PI is Dr. Patty Williams from MSVU. There are five Co-Investigators, including Lesley and Barb as well as colleagues from Queen's University and another from MSVU.

Wanda Campbell (English and Theatre department)
Published, "Kalamkari and Cordillera: Poems of India and Chile."



Karolyn Smardz Frost (History and Classics)

Won the 2017 Speaker's Book Award for her book *Steal Away Home*. In addition, the book was optioned for film by Conquering Lion Pictures. It was shortlisted for the Atlantic Book Award in the scholarly writing category, and it has received the JJ Talman Award for the best book on Ontario's social, economic, political, or cultural history published in the last three years. January 2017.

Karolyn Smardz Frost received the Mathieu Da Costa Award from the Ontario Black History Society for achievement in writing and public education for African Canadian history.

Along with African Nova Scotian Historian David States, was selected as an historian for the King's College Slavery Project.

Sarah Rudrum

Submitted a book proposal for *Global Health and the Village: Transnational Contexts Governing Birth in Northern Uganda* that was accepted at the University of Toronto Press.

WGST

Claudine Bonner

Refereed publications

Bonner, C. and Bernard, W. (2018). "Labouring for Change: Narratives of African-Nova Scotian Women, 1919 – 1990." In Reid-Maroney, N. (Guest Editor). *Women in the Promised Land: New Essays in African Canadian History*. African Diaspora Cultural Series. Ottawa: Wilfrid Laurier University Press.

Book reviews

Review of book *Canada's Rural Majority, 1870-1940: Household, Environment, Economies*, by Ruth Sandwell. *Ontario History*, 109, no. 1, (149-150), 2017.

Keynotes

"Bridging Religion and Black Nationalism: the founding of St Philips African Orthodox Church and the UNIA Hall in Whitney Pier During the 1920s." Keynote speech to the Old Sydney Society, Sydney, NS, January 2018.

"African Canadian Sites of Memory: Contemporary and Transatlantic Perspectives." Keynote address at the one-day conference, *Phantoms of the Past: Slavery*,



Resistance, History and Memory in the Atlantic World. Huron University, London, Ontario, 2017.

Presentations

“The Church Bulletin: Seeds of a Maritime Black Press?” Paper presented at the annual conference of the Canadian Communications Association, Toronto, Ontario, 2017.

“More than a Domestic”: Black Women and the Civil Rights Movement in Nova Scotia.” Paper presented at the annual conference of the Canadian Historical Association, Toronto, Ontario, 2017.

“The Church Bulletin: Seeds of a Maritime Black Press?” Paper presented at the bi-annual conference of the Black Canadian Studies Association, Brandon, Manitoba, 2017.

“Work in Steel is not for the Weak: African Caribbean Migration to Cape Breton, NS, 1900-1930.” Paper presented at the American Historical Association annual conference. Denver, CO., 2017.

Conference Planning

Bi-annual conference of the Atlantic Canada Studies Conference, Wolfville, NS – planning committee member, 2017-18.

Thesis Supervision

BAH Supervisor 1

MA Supervisor 1

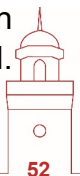
Saara Liinamaa

Grant

SSHRC Insight Grant (With co-investigator M. Horgan, U of Guelph) for “Sociable Cities: Informal infrastructures of everyday urban convivialities” (\$94, 665). The project studies how cultural and social differences are negotiated within public spaces.

Refereed publications

“First But Not a Founder: Gender, identity and the exclusion of Annie Marion MacLean from the history of Canadian sociology.” With M. Horgan. In *Reading Sociology*, ed. L. Tepperman and P. Albanese, pp. 121- 126. Toronto: Oxford University Press.



Presentations

- “Institutional cultures and the everyday reproduction of sexual violence on campus; or, why ‘calling out’ can’t end rape culture.” With M. Horgan. *Sexual Violence and Rape Culture on University Campuses*. Canadian Sociological Association, Ryerson University, May 2017.
- “Performing at the ‘shit show’ and the conscripted workers of institutional identity.” *New Ideas Lecture Series*. Department of Sociology. St. Francis Xavier University, April 2018.

Thesis Supervision

- BAH Supervisor 1
- MA Supervisor 1



FACULTY OF PROFESSIONAL STUDIES FACULTY ACADEMIC ACHIEVEMENTS

BUSINESS ADMINISTRATION

Charlene Boudreau

Presentations

Faculty Panel, F.C. Manning School of Business Advisory Board Meeting, Fall, 2017.

Curriculum Development

Coordinated BUSI 1703 Introduction to Business in Fall 2017.

Developed a Living Leadership Workbook for the personal reflections segment of BUSI 1703, Introduction to Business.

Co-developed and revised a Case Analysis Report Writing Guidelines Workbook for BUSI 1703, Introduction to Business.

Professional Service

Faculty Liaison, F.C. Manning School of Business Co-Op Program, 2017-present.

Co-Advisor, F.C. Manning School of Business Marketing Association, 2017-present.

Volunteer, F.C. Manning School of Business Career Services Discussion Group, 2017-present.

Co-Chair, Shaw Group Case Competition for First-Year Business Students, 2014-present.

Search Panel, 52nd Annual Acadia Business Banquet Co-Chair, Acadia University 2017

Faculty Representative, Acadia Open House, Acadia University 2013-2017.

Community Engagement

Judge, NKEC High School Business Plan Competition, North Kings Education Centre 2017.



Student Supervision

Evaluator, Business Co-op Showcase.

Other

Designation, Project Management Professional (PMP).

Edith Callaghan

Program and Curriculum Development

Co-coordinated BUSI 1703 Introduction to Business 2013-14 through 2016-17.

Co-developed and revised a Case Analysis Report Writing Guidelines Workbook for BUSI 1703, Introduction to Business.

Revised BUSI 2433, Marketing Strategy to be a more case-based and application learning experience.

Professional Service

Assisted with the revision of BUSI 1703 Introduction to Business to create a case-based immersion experience for students.

Reviewer, Disasters Journal

Reviewer, Journal of Business Ethics

Reviewer, Journal of Cleaner Production

Community Engagement

Advisor, FarmWorks, a Community Economic Development Fund (CEDIF) that invests in food and farms in Nova Scotia, 2012—present.

Member, Nova Scotia Food Policy Council (NSFPC). This group works to develop programs and policies that will help decision makers at all levels of our government and economy develop policy that will support food and farms in Nova Scotia, 2010—present.

Member FANS, a community group that works to educate communities about local and global food issues, 2017—present.



Paul Callaghan

Professional Service

External reviewer for several operations management texts, most recently including the following three titles; Operations Management, 5th Canadian Edition, Stevenson, William, Hojati, Mehran, McGraw Hill.

Community Engagement

Board Member & Treasurer, Acadia Cinema Co-Op Ltd, (2011-present).

Board Member & Treasurer, Wolfville Community Fund (2011- present). Also served as Chair for the 2013 Wolfville Vital Signs Research Project.

Board Member, Horton Ridge Malt & Grain Co. Ltd. (2014-present).

Member, Playground Improvement Committee, Wolfville School (2008-2010 and 2016-present).

Operations Planning & Box Office Manager, (2012–present), Deep Roots Music Cooperative

Student Supervision

Advisor, Manning School of Business Podcast.

BUSI 3913 A1 Social Media Strategies.

BUSI 3913 X2 Social Media Strategies.

Kendra Carmichael

Professional Service

Co-op Program Liaison, F.C. Manning School of Business.

Member, National Communication Association.

Member, International Communication Association.

Student Supervision

Advisor, Manning School of Business Podcast.



Coordinator, English Conversation Partnership.

Evaluator, Business Co-op Showcase.

Judge, Darkside Case Competition.

Kelly Dye

Professional Service

Member, Administrative Sciences Association of Canada.

Member, Atlantic Schools of Business Conference.

Member, CLT Selection Committee.

Member, Journal of Workplace Rights Editorial Board.

Member, School of Business Advisory Board.

Reviewer, Canadian Journal of Administrative Sciences.

Reviewer, Equal Opportunities International.

Reviewer, Gender, Work and Organization.

Reviewer, Human Relations.

Reviewer, Journal of Management History.

Reviewer, Journal of Small Business and Entrepreneurship.

Reviewer, Organization.

Community Engagement

Volunteer Mentor, Immigrant Settlement and Integration Services, Halifax Nova Scotia.

Student Supervision

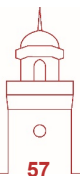
BUSI 3913 B1 Human Resource Management Portfolio.

BUSI 3913 C2 Impact of Organizations Law & Policy.

BUSI 3913 D2 Gender and Career Ambition.

Co-chair, Darkside Case Competition.

Evaluator, Business Co-op Showcase.



Member, PhD committee for Mariana Paludi (SMU).

Supervisor, PhD student Lillian Omasa: Building on the Strengths of the Chama: Helping Entrepreneurs in Rural Kenya through Training in Financial Literacy.

Ian Feltmate

Publications related to Pedagogy

Feltmate, Ian, Excel Templates to accompany Financial Accounting, Sixth Canadian edition, by Libby, et al., McGraw-Hill Ryerson Limited, 2017.

Professional Service

Administrator, Acadia Business Facebook page.

Executive Member, Atlantic Schools of Business Conference.

Member, Audit Committee of the Acadia Entrepreneurship Centre.

Member, Standing Committee on Financial Information (constituted under article 28.30 of the current Collective Agreement).

Student Supervision

Advisor, Manning School of Business Podcast.

Evaluator, Business Co-op Showcase.

Jim Grant

Professional Service

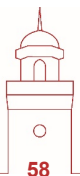
Member, Human Resource Association of Nova Scotia (HRANS).

Community Engagement

Director, National Board of the Canadian Fair Trade Network (2016 – 17).

Student Supervision

BUSI3923B2 Human Resource Management Portfolio



Co-coach, Scotiabank Ethics in Action Case Competition, Dalhousie University.

Co-chair, Darkside Case Competition.

Evaluator, Business Co-op Showcase.

Wenxia Guo

Refereed Journal Publications

Guo, Wenxia, and Main, Kelley (2017), "To Trust or Not to Trust: How Self Construal Affects Consumer Responses to Interpersonal Influence", *Journal of Applied Social Psychology*, 47(10), 531-538. Available online DOI: 10.1111/jasp.12457.

Guo, Wenxia, and Main, Kelley (2017), "The Effectiveness of Matching Sales Influence Tactics to Consumers' Avoidance versus Approach Shopping Motivations", *European Journal of Marketing*, 51(9/10), 1577-1596, <https://doi.org/10.1108/EJM-05-2016-0278>.

Other Refereed Publications

Guo, W. (2017, October). Which Way is more Innovative? Cultural Influence on Originality and Appropriateness. Paper presented at Atlantic Schools of Business Conference, Wolfville, NS, Canada

Muralidharan, E., Guo, W., Fazel, H., & Wei, W. (2017, July). Consumer Cultural Value Orientations and Evaluation of Organizational Response to Product Complaints. Paper to be presented at Academy International Business Conference, Dubai, UAE.

Guo, W., & Main, K.J. (2017, June). She Posts, but He does not: Gender Differences in Posting Charity Related Messages on Online Social Networks. Paper to be presented at Administrative Sciences Association of Canada (ASAC), Montreal, Quebec, Canada.

Lavoie, R., L., Main, K.J., Hoegg, J. & Guo W. (2017, February). Power to The People: Consumer Influence Tactics in a Retail Setting. Working paper presented at the Society for Consumer Psychology, San Francisco, United States of America.



Student Supervision

BUSI 3913 E2 Marketing Decisions and Uncertainty.

Ian Hutchinson (on leave 2017/18)

Student Supervision

Business Society Banquet advisor (2017-18)

Harish Kapoor

Professional Service

Editorial Review Board – Journal of Global Marketing.

Reviewer, ad hoc, European Journal of Marketing.

Reviewer, European Academy of Marketing Conference (EMAC), 2017.

Student Supervision

External Reader, BA (Honours), Billard, Mark Cameron, Age and Size Selectivity of the Gaspereau River Alewife Fishery: Implications for the Assessment of this Stock, (2017) Biology, Acadia University.

Michael Kennedy

Program and Curriculum Development

Redevelopment of BUSI 2013 for Open Acadia, Acadia University, 2018.

Workshop Designer & Facilitator, Measuring Social Impact, Canadian Mental Health Foundation, Toronto, ON (delivered via webinar), 2017.

Workshop Designer & Facilitator, Financials & Reporting for Social Enterprise, Canadian Business Network, Toronto, ON (delivered via webinar), 2017.

Contributor, Executive Ed. Course on Social Finance, St. Mary'S University Halifax, NS, 2017.



Course Developer, “The Income Statement for Social Enterprise”, “The Balance Sheet for Social Enterprise”, and “The Cash Flow Statement for Social Enterprise”, Social Enterprise Institute, Halifax, NS, 2017.

Professional Service

2017 - Keynote Speaker, Acadia Student’s Union Awards Gala, topic, “Leading with Vulnerability, Acadia University.

Assistant Coordinator & Coach, Multiple Case Competitions, 2016-Present.

Assisting with Acadia’s hosting of the 2017 Atlantic Schools of Business Conference.

Faculty Representative, Fred C. Manning School of Business Advisory Board, 2017-Present.

Community Engagement

Chief Financial Officer, Common Good Solutions Halifax, NS, 2016-Present.

Responsible for overall financial, risk management and HR aspects of the organization; including but not limited to: budgeting, policy development, financial reporting, impact reporting.

Accounting “Beyond the Bling”- St. Mary’s University (MGT1281), 2017.

Mental Health and Entrepreneurship - Acadia University (BUSI 3773), 2017.

Present-Conference Advisory Board Member, CPA Canada One Conference, 2018.

Member, Nova Scotia Gov. Social Enterprise Joint Implementation Committee, 2018.

Member, S4ES Impact Measurement Committee, 2018.

Advisor, Nova Scotia Gov. Committee on Short-Term Rentals, 2018.

Patient Representative, Exercise is Medicine (Nova Scotia Health Authority), 2016-Present.

Treasurer, Bicycle Nova Scotia Board of Directors, 2016-Present.

Treasurer, Sculpture Nova Scotia Board of Directors, 2015-Present.

Board Member, Partners for Care Board of Directors, 2017-Present.

Advisor, CPA Nova Scotia Fitness to Practice Committee and Recruitment Committee, 2017.



Student Supervision

Advisor, Manning School of Business Podcast

BUSI3923B2 Special Topics, Social Enterprise and Food Security.

Evaluator, Business Co-op Showcase.

Other

Certification, Social Return on Investment Certificate, Social Value UK, London, UK.

Stephen MacLean

Professional Service

Faculty advisor for 2017 Business Banquet.

Community Engagement

Member of the Kentville Rotary.

Student Supervision

BUSI3913A1 Canadian Pension Funds.

Evaluator, Business Co-op Showcase.

Ryan MacNeil

Presentations

Presented an update on the “Entrepreneurship & Innovation” program to the School of Business Advisory Board in April 2017.

Introduced 2nd year business students to the E+I major at the School’s annual academic advising session (2016 and 2017).

Program and Curriculum Development

MacNeil, R. and B. Wentzell (2017). “Student Self-Assessment Instrument — Design and Information Literacy for Small Business Management” (BUSI 4613).



Wentzell, B. and R. MacNeil (2017). Research Worksheet (BUSI 4613).

MacNeil, R. (2017). Ideation Worksheet (BUSI 4613).

MacNeil, R. (2017). Project Design Worksheet (BUSI 4613).

Professional Service

Advisor, Disrupt Conference to provide advice on large group facilitation methods. This resulted in new formats for the 2016 and 2017 events.

External reader, undergraduate honours theses in community dev. (2016 and 2017).

Member, Board of Directors, Acadia Entrepreneurship Centre (October 2015-present)
Successfully lobbied for a change in language from “growth” to “development” in Acadia’s strategic research plan.

Member, Organizing Committee, Atlantic Schools of Business 2017.

Reviewer, International Journal of Work Innovation (Special Issue on Innovation & Entre., 2017).

Community Engagement

Advisor, met on two occasions with the President of the Economic Developers’ Association of Canada to discuss the future of the profession (at his request).

Advisor, provided advice and research material on Nova Scotia’s ocean technologies sector at the request of staff from Nova Scotia Business Inc., the Halifax Partnership, and the Dalhousie University Office of Government Relations & Economic Development.

Advisor, provided informal advice and reading material on economic development to staff from the Town of Wolfville, Municipality of West Hants, City of Summerside (PEI), Town of Grand Falls-Windsor (NL), Valley Regional Enterprise Network, Western Regional Enterprise Network, and Nova Scotia Department of Municipal Relations.

Member, served on over 30 not-for-profit boards and committees, chairing nine (1996-present).

Awards

Rath Professorship in Entrepreneurship (07/17 – 06/20).



Student Supervision

BUSI 4913 X2 Entrepreneurship Development.

BUSI 4913 A1 Entrepreneurship Development.

BUSI 4923 A2 Social Innovation.

Evaluator, Business Co-op Showcase.

Supervisor, Manning School of Business Podcast.

Danielle Mercer

Refereed Journal Publications

Mercer, D., Loughlin, C., & Haddon, A. (January/March 2018). Leading on the edge: The nature of paramedic leadership at the front line of care care. *Healthcare Management Review*, 43(1), 12-20.

Mercer, D., Paludi, M., Mills, A., & Helms Mills, J. (2017). Images of the 'other': Pan American airways, Americanism and the idea of Latin America. *International Journal of Cross Cultural Management*, 17(3), 327-343.

Other Refereed Publications

Mercer, D., Kocum, L., Robinson, L., Loughlin, C., Webb, N., LaPierre, A., & Oakie, T. (May, 2017). A scoping review of workplace interventions for cancer. Symposium presentation delivered at the Canadian Association of Psychosocial Oncology Conference. Vancouver, Canada.

Community Engagement

Co-Chair of the Appreciative Inquiry Working Group in the Partnership for a Healthy Workplace Response to Breast Cancer, June 2016 – present.

Collaborator in the Partnership for a Healthy Workplace Response to Breast Cancer, June 2016 – present.

Student Supervision

Evaluator, Business Co-op Showcase.



Hassan Sarhadi

Refereed Journal Publications

Hassan Sarhadi, David M. Tulett, and Manish Verma. An analytical approach to the protection planning of a rail-truck intermodal terminal network, European Journal of Operational Research, Volume 257, Issue 2 (2017): 511-525.

Other Refereed Publications

H. Sarhadi, D. Tulett, M. Verma, A Game-Theoretic Approach to the Protection Planning in a Rail-Truck Intermodal Transportation Network, ASAC Conference 2017, Montreal, June 2017.

Professional Service

Chair, Management Science Division, Atlantic Schools of Business (ASB), Fall 2017.

Reviewer, Information Systems and Operational Research Journal.

Reviewer, Journal of Operational Research Society.

Reviewer, Journal of Transportation Research Part E: Logistics and Transportation Review.

Student supervision

Evaluator, Business Co-op Showcase.

Donna Sears

Refereed Journal Publications

Sears, D., & Weatherbee, T. (2017). The Wolfville Magic Winery Bus: Profiles and Segmentation of Wine Tourists in a Nascent North American Cool-Climate Wine Region. Academy of Wine Business Research, Sonoma, California, July 2017.

Other Refereed Publications

McSweeney, M., Sears, D., Weatherbee, T., & Jantzi, H. (2017). The Preference for Pleasure: Exploring the Multidimensional Nature of the Hedonic Sensory



Experience. Pangborn Sensory Science Symposium, Rhode Island, August, 2017.

Sears, D., & Weatherbee, T. (2017). The Liability of Newness Within the Siren Call of Success. Wine & Culinary Tourism Futures Conference, Kelowna, BC, October 2017.

Professional Service

Member, Canadian Wine Library Committee, Atlantic Chapter, 2017.

Member, Program Team, F.C. Manning School of Business, 2016-2017.

Member, Scientific Committee, Wine & Culinary Tourism Futures Conference, UBC Okanagan, Kelowna, BC. October 2017.

Member, University Review Committee (URC), 2016 – 2019.

Program and Curriculum Development

Collaborator, STEAM Space, a university cross-disciplinary initiative to enhance student learning through Problem-Based Learning and Design Thinking utilizing emergent Additive Manufacturing (3d printing) technologies.

Community Engagement

Member, Advisory Board, Nova Scotia Tourism Agency/Tourism Nova Scotia, 2014-2020.

Member, Audit and Risk Committee, TNS Advisory Board, 2015-2017.

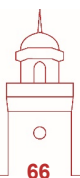
Igor Semenenko

Other

Designation, Chartered Financial Analyst (CFA).

Michael Sheppard

Refereed Journal Publications



Sheppard, M. (2018). The relationship between discretionary slack and growth in small firms. *International Entrepreneurship and Management Journal*, 1-25. (R)

Professional Service

Co-Founder, CaseNet Media Inc, 2011–present.

Community Engagement

Member, Annapolis Valley Regional School Board.

Member, Board of directors, Gro-Wings Environmental Controls Inc.

Member, Management Committee, Acadia Centre for Rural Innovation, 2012– present.

Student Supervision

BUSI 4913 A2 Entrepreneurial Management.

Editor/Supervisor, Manning School of Business Podcast.

Conor Vibert

Refereed Journal Publications

Vibert, C. and MacKinnon G. (2016) Innovation in Business Education: The Value of TPACK, *Journal of Applied Learning Technology (JALT)*, Volume 5, No. 4.

Sheppard M. and Vibert C. (2016) Cases for the Net Generation: An Empirical Examination of Students' Attitude Towards Multimedia Case Studies. *Journal of Education for Business*. 2016.

Presentations (Abstracts, talks, lectures, performances, etc., using R to indicate if refereed)

Exploring Two Wine Industries With a Framework for Industry Change, with M. Ryan, presented to the Strategy Track of the 2017 Atlantic Schools of Business Conference. Wolfville, Nova Scotia.

Multimedia Cases - Catering for Learning Style Preferences, with Mehryar Nooriafshar and Michael Sheppard, presented to the Management Education Track of the 2017 Administrative Sciences Association of Canada conference. Montreal, Quebec, May, 2017.



Acadia International Executive Insight Series and Casenet. Presented to the Fostering Cross-Institutional Collaboration with Technology Enabled Learning Showcase. November 9, 2017, Acadia University.

Vibert, C. (2016) Alternative Academic Career Path - Doctoral Consortium – Atlantic Schools of Business Conference, Halifax, Nova Scotia, September.

Nooriafshar, M., Vibert, C. and M. Sheppard (2017) Multimedia Cases - Catering for Learning Style Preferences, with Mehryar Nooriafshar and Michael Sheppard, under review for presentation to the Management Education Track of the 2017 Administrative Sciences Association of Canada conference. Montreal, Quebec. May.

Professional Service

ASAC Conference Ongoing – Case Track.

ASB Conference - Ongoing Case and/or Management Education Track.

Chair – Management Education Track - 2017 Atlantic Schools of Business Conference – Acadia University, Wolfville, Nova Scotia.

Editorial Board: Journal of Competitive Intelligence and Management, 2003 – Present .

External Examiner, Athabasca University – Sami Houry – 2017.

External Examiner, Carleton University – Francois Brouard – 2017.

External Examiner, North West University – K. Klink – 2017.

Faculty Liaison, prospective BBA students and families.

Invited Panelist – Case Track – 2017 Administrative Sciences Association of Canada Conference, Montreal, Quebec.

Member, University Research Ethics Board.

Student Supervision

Advisor, Manning School of Business Podcast

Evaluator, Business Co-op Showcase.

Ying Wang

Professional Service



Area Chair/Coordinator - Decision Sciences, FC Manning School of Business, Acadia University (2010-Present)

Member – Business Technology Management Accreditation Council, Information Technology Association of Canada (ITAC) Talent/BTM Forum (2016-Present)

Member - Editorial Review Board, Journal of Organizational and End User Computing (2010-Present)

Member - FC Manning School of Business Advisory Board, Acadia University (2011-2017)

Student Supervision

Evaluator, Business Co-op Showcase.

Terrance Weatherbee

Refereed Journal Publications

Weatherbee, T.G. (2017). From Management Pioneer to Prime Minister: William Lyon Mackenzie King, Workplace Review, April (Special Issue: Thinking on the Edges of Management & Organizational History), 27-39.

Other Refereed Publications

Sears, D. and Weatherbee, T.G., (2017). The Wolfville Magic Winery Bus: Profiles and Segmentation of Wine Tourists in a Nascent North American Cool-Climate Wine Region, accepted for presentation at the 10th Academy of Wine Business Research Conference

Sonoma State University, July 25-28th, 2017.

Presentations

Sears, D., and Weatherbee, T.G., The Liability of Newness Within the Siren Call of Success. Accepted for presentation at the Wine and Culinary Tourism Futures Conference, Kelowna British Columbia, 17-20 Oct 2017.

Sears, D., McSweeney, M., Weatherbee, T.G., and Jantzi, H., The Preference for Pleasure: Exploring the Multidimensional Nature of the Hedonic Sensory Experience. Accepted for presentation at the 12th Pangborn Sensory Science Symposium, Providence, Rhode Island, 20-24 August 2017.



Professional Development Workshop (conducted), Doctoral and Early Career Symposium, Atlantic Schools of Business Conference, 2017.

Program and Curriculum Development

Project Leader, STEAM Space, a university cross-disciplinary initiative to enhance student learning through Problem-Based Learning and Design Thinking utilizing emergent Additive Manufacturing (3d printing) technologies.

Professional Service

Atlantic Schools of Business, Track Chair, 2017.

Editorial Board, Routledge, Handbook of Qualitative Research, expected publication 2017.

External Examiner: Promotion to Full Professor; Memorial University of Newfoundland, 2017.

Faculty Representative, University Board of Governors, 2016 – 2017.

Member, Acadia Academic Appeals Committee, 2005 – present.

Member, CMS Division Academy of Management.

Member, History Division Academy of Management.

Member, Manning Selection Committee, Management position, 2017.

Member, Manning Selection Committee, Operations Management, 2016-2017.

Member, University Board of Governors Executive Committee, 2016 – 2017.

Program Chair, Atlantic Schools of Business, 2017.

Reviewer, Academy of Management Learning & Education, 2017.

Reviewer, Academy of Wine Business Research, 2017.

Reviewer, Administrative Sciences Association of Canada, Business History Track, 2017.

Reviewer, Journal of Business Ethics, 2017.

Reviewer, Qualitative Research in Organizations and Management, 2017.

Reviewer, Wine and Culinary Futures Conference, 2017.



Community Engagement

Directing Staff, Canadian Forces College (RMC), for the External Examiner: Tenure and Promotion to Associate Professor; Saint Mary's University, 2017.

Joint Command and Staff Programme DL (Masters) 2010 – present.

Royal Military College of Canada, JCSP DL, Exercise Crystal Mirror, June, 2017.

Research Grants

ACADIA SIG 2015-17 – \$1,154 SSHRC 2013 – \$182,000 (Sociology of Management Thought).

Awarded 2017 - Ongoing: A SIG funded study with Dr. Donna Sears focused on the issue of problematic customer behavior in the wine tourist industry.

FC Manning Chair of Business - \$5,000 (annual grant repeatable for three years).

Lead Researcher, CFI – John R Evans Leaders Fund (JELF), \$176,971 (Institutional Approval for submission), 2017.

Lead Researcher, The R. Howard Webster Foundation (C-IDEA Project), \$600,000.

Lead Researcher, The Windsor Foundation (C-IDEA Project), \$100,000.

SSHRC SRG, 2016, \$3,600 (NS Wine Industry Study - ongoing).

Student Supervision

Evaluator, Business Co-op Showcase.

Jun Yang

Refereed Journal Publications

Fangzhao Zhou, Zenan Zhang, Jun Yang, Yunpeng Su, Yunbi An (2018), Delisting pressure, executive compensation, and corporate fraud: Evidence from China, Pacific-Basin Finance Journal 48, 17-34.

Professional Service

Acting Director, Fred C. Manning School of Business Administration.



Member, Adjudication Committee for Honours Summer Research Awards (Acadia).

Member, Departmental Review Committee, School of Business.

Member, Senate Honours Committee (Acadia).

Reviewer, Atlantic School of Business conference, 2017.

Research Grants

Co-investigator, NSFC: RMB 493,000, A Study of Emotional Contagion's Impact on Asset Price Bubbles in Delegated Portfolio Management, 2016-2019, principal investigator: Dr. Jian Wang.

Co-investigator, National Natural Science Foundation of China (#71571038) 中国国家自然科学基金: "A Study of Emotional Contagion's Impact on Asset Price Bubbles in Delegated Portfolio Management", RMB 493,000, 2016-19.

Community Engagement

Faculty liaison, Capital Normal University (CNU), Beijing, China

Department of Community Development

Glyn Bissix

Committees – Acadia

Member of Senate 2017-18.

Head and Chair of the Department of Community Development Faculty Council, July 2017- June 2018.

Member of the FPS Dean/Directors and Head Council, July 2017–June, 2018.

Member of the Core Instructors for the BA ESST program July 2017 – June 2018.

Member: Admissions and Academic Standing Committee-Appeals July 2017-June 2018.

Departmental Member: DRC Sociology.

Community Engagement

Director of Greenways Nova Scotia and Research Coordinator.

Secretary Treasurer Kieran Pathways Society.

Organizing Committee, Kentville Lifecycle. Festival of Healthy, Active Living 2017-2018, Valley Cardiac Rehab Society.



Technical Report

Chaiti Seth, Tom Dalmazzi & Glyn Bissix, January 2018. An Overview of the Community of Port Williams. Presented to the Village of Port Williams. Department of Community Development, Acadia University.

Student Supervision

Masters – 2

Honours – 2

Other

Independent Studies - 2

John Colton

Refereed and Scholarly Publications

Colton, J. (2018). Developing a social license for tidal energy development in Nova Scotia. Gulf of Main Institute (GOMI) Journal, 2 (1).

Colton, J., Conway, F., Bouke, W. (2018). Stakeholder engagement: principles and practice in marine renewable energy. In Wright, G., Kerr, S., and Johnson, K (eds.) Marine renewable energy governance, CABI Publishing, London, UK.

Conway, F., & Colton, J. (2018). Addressing and resolving conflict in marine renewable energy projects. In Wright, G., Kerr, S., and Johnson, K (eds.) Marine renewable energy governance, CABI Publishing, London, UK.

Wright, G., Kerr, S, Colton J., & Johnson, K. (2018). Indigenous rights and ownership in marine renewable energy. In Wright, G., Kerr, S., and Johnson, K (eds.) Marine renewable energy governance, CABI Publishing, London, UK.

Technical Reports

Patterson, C., Robinson-Dexter, J., & Colton, J. (2017) Report on the facilitation with Nova Scotia Chiefs on land use allocation and use among Mi'kmaq communities. Horizons Community Development.

Presentations

Colton, J. (2017). Energy and social acceptance: the case of tidal energy development in Nova Scotia. EECOM Annual Conference, Acadia University, Wolfville, May.

Professional Service

Fundy Energy Research Network Socio-Economic Committee (Co-Chair), Gros Morne Institute for Sustainable Tourism. Acadia Tidal Energy Research

Research Grants



2018 - Centre for Action Research Award for Tidal Energy and Community Decision-Making in Scot's Bay, Nova Scotia (\$7500)

2017 - Burnham Award for Environmental Studies (\$2000)

Student Supervision

Honours – 2

Masters - 3

Mary Sweatman

Committees – Acadia

Member, AUFA Lois Valley Fisher Award Selection Committee, April 2018

Chair, Senate Ad Hoc Community Engagement Committee, July 2017 – June 2018

Member, AUFA-Women's Committee, July 2017- June 2018

Member, Women's and Gender Studies Committee, July 2017 – June 2018

Faculty Advisor, Acadia Community Development Council Student Society, July 2017 – June 2018

Member of the Department of Community Development Faculty Council, July 2017- June 2018.

Community Engagement

Advisory Board Chair, Mom's in Motion, peer support & healthy lifestyles education, July 2017 – June 2018

Board of Directors, Nova Scotia Sea School, June 2017 – September 2017

Publications

Arbour-Nicitopoulos, K. P., Shirazipour, C. H., Sweatman, M., & Seaman, R. (2018). The Secret of S.M.I.L.E.: Best practices for delivering adapted physical activity programming. *Physical and Health Education Journal*.

Conferences

Sweatman, M. (2017). Community-university partnership that involves student learning: Systematic review of engagement standards at *CASAE Atlantic Regional Conference: St. Francis Xavier*. **R**

Sweatman, M. (2017). Creating connections between long-term care residents and university students. *Research Symposium, Recreation Nova Scotia Conference, Membertou, Cape Breton*.

Berry, A., (student) & Sweatman, M. (2017). Rec Buddies and the Acadia Youth Connection: Lessons in youth mentorship programs. *Research Symposium, Recreation Nova Scotia Conference, Membertou, Cape Breton*.

Sparling, R. (student), & Sweatman, M. (2017). Well sibling experience: A literature review on the siblings of persons with mental illness. *Research Symposium, Recreation Nova Scotia Conference, Membertou, Cape Breton*.

Student Supervision



Honours – 1

Other

Independent Studies - 8

Alan Warner

Presentations

Warner, A. & Hamilton-Burge, G. (2017). Making the Most of Reflection in Your Learning. Presentation workshop at Now to Next: Co-operative Education Summit. October, 2017.

Warner, A. (2017). Connecting People, Learning and the Earth. Presentation at annual conference of the Nova Scotia Environmental Network, Truro Nova Scotia, September, 2017.

Professional Service

Chairperson, See Change Environmental Learning Conference (May 2017): Lead person organizing the 2017 Canadian Environmental Education Conference at Acadia University. The conference was attended by more than 325 delegates who were on campus over 4 days. There were more than 25 people on the conference committee with a range of sub-committees, from workshops to promotion, to registration and logistics. The conference budget was over \$90,000 excluding the cost of accommodations. One-third of this budget was donations and grants and two-thirds raised through registration fees. There were professional and academic streams as well as a program for high school youth and for children of delegates. A half day of activities was open to families from the community. The planning process covered 18 months and was the focus of all of Alan's external time this past year beyond teaching and administrative responsibilities at Acadia. The conference was very well received and numerous unsolicited testimonials as to its value and benefit were received including several comments that it was the best conference a person had attended. This role and project absorbed all available research and service time beyond teaching and core administrative functions for Alan's work at Acadia.

Awards

Post-Secondary Education award for Environmental Education Excellence in Canada from the Canadian Network for Environmental Education and Communication (2017). This award was shared with two colleagues for developing the Re-Connecting with Nature Professional Development Strategy and Leadership workshops for the province of Nova Scotia.



Committees

Faculty Advisor, ESST Students Society
Healthy and Sustainable Food Policy Advisory Committee
Chairperson, Faculty of Professional Studies Faculty Council
Department of Community Development Part-Time Faculty Hiring Committee
Acadia Farm Advisory Committee
University Review Committee, Alternate member,
Environmental and Sustainability Studies Faculty Council
Faculty of Professional Studies Curriculum Committee
Community Development Faculty Council

Gabrielle Donnelly

Professional Meetings and Seminars

Invited keynote on The Perceived Polarities of Social Change. *Climate Action Business Association*, Boston, MA, November 2017.
Invited participant in online seminar with *Taos Institute for Social Construction*, March 2018.
Invited panellist on the Post-Graduation Experience of International Development Studies Students. *Dalhousie University*, March 2018.
Invited presenter at an online colloquium, *Three Horizons University*, April 2018.
Invited guest on Episode 11 on the Creative Inquiry Podcast, *California Institute of Integral Studies*, San Francisco, April 2018.

Committees – Acadia

Member of the Department of Community Development Faculty Council, July 2017-June 2018.

Community Engagement

Advisor, Wayside Initiative
Advisor, Engage Nova Scotia
Advisor, Ecology Action Centre's Our Food Project
Advisor, Be the Peace Institute

Student Supervision

Independent Studies - 1



M. Lynn Aylward

Presentations

- R Aylward, M.L. From Special Education to Inclusive Education on University Campuses. (2017, June 29). Presented at the 15th Biennial International Association of Special Education Conference. Perth, Australia

Publications

- Aylward, M.L., Day, D. & Dye, K. (2017) Resilient Rural Girls. SSHRC Report prepared for Dean of Research and Graduate Studies, Acadia University.
- R Aylward, M.L. & Bruce, C. (2018). Being Somebody: Inclusive Postsecondary Education Programs within a Disabilities Studies framework. In M.J. Harkins and S. Singer (Eds.) Educators on Diversity, Social Justice and Schooling. Toronto: Canadian Scholars' Press pp. 329-344.

Program and Curriculum Development

The Hidden Figures Educator guide website:

This website <http://steamhiddenfigures.weebly.com> is a result of a 2-day retreat conducted by Acadia University Women in Science (WISE), specifically the 90-minute Hidden Figures session. The Hidden Figures workshop told stories about women in STEAM, predominantly those who have made significant contributions to the science community, but have not been recognized during their lifetime for these achievements.

The resulting products from this activity are an Educator's Guide and the Resource Website (link above and the Educators Guide is on this as well). The hope is that other leaders, including youth leaders, can use these resources within their context.

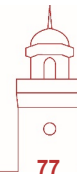
Original workshop developed by: April Muirhead and Jessica Joudrey (B.Ed.)

Faculty Assistance: Dr. M. Lynn Aylward and Dr. Randy Newman

Educator's Manual created by: April Muirhead

Educator's Manual edited by: Crystal Peach

Support for the development of the Educator's Guide and the Resource Website came from the research funds of School of Education faculty member, Dr. M. Lynn Aylward and matched funds from WISE Acadia.



Program Grants

Nova Scotia Department of Labour and Advanced Education: Post –Secondary Disability Services Division, Special Projects Grant (2014-present): Inclusive Post-Secondary Education Program for Diverse Learners: A Provincial Model. In collaboration with Drs. Cornelia Schneider and Mary Jane Harkins at MSVU. Funding to continue the Axxcess Acadia IPSE program and MSVU MountAbility Program \$61,000 (annually).

Student Supervision

PhD 2

Michael Corbett

Refereed Journal Publications

- Corbett, M. (2018). Mathematical moments: Autoethnographic excursions between school and life, *The Mathematics Enthusiast*, 15(1-2), 54-77.
- Corbett, M. and Corbett, N. (2018). Giftedness: A sociological critique from a rural perspective, *Critical Education*, 9(1), 1-15.
- Corbett, M. and Roberts P. (2017). A Small place: Editorial introduction to the AIJRE Special Issue on education in rural Tasmania, *Australian and International Journal of Rural Education*, 27(3), 1-7.
- Smith, C., Fraser, S. and Corbett, M. (2017). Liquid modernity, emplacement and education for the Anthropocene: Challenges for rural education in Tasmania, *Australian and International Journal of Rural Education*, 27(3), 196-212.
- Reaburn, R., Fraser, S. Smith, H., Roberts, J. Wells, J. and Corbett, M. (2017). Aspire High: Impacting student aspirations in a regional community, *Australian and International Journal of Rural Education*, 27(3), 73-89
- Corbett, M., Roberts, J., Fraser, S., Smith, H. and Reaburn, R. (2017). Building A New Generation: Community Expectations On Raising Aspirations In Rural Tasmania. *Australian and International Journal of Rural Education*, 27(3), 8-24.
- Sutton, G., MacLeod, C., Fraser, S., and Corbett, M. (2017). Disrupting perception: Mapping an understanding of educational attainment *Australian and International Journal of Rural Education*, 27(3), 174-195.
- Corbett, M., Hawkins, C., and Brett, P. (2017). What we're about out here: The resilience and relevance of school farms in rural Tasmania, *Journal of Research in Rural Education*, 34(12), 1-12.



- Corbett, M. and Donehower, K. (2017). Rural literacies: Toward social cartography, *Journal of Research in Rural Education*, 32(5), 1-13.
- Corbett, M. and Forsey, M. (2017). Rural youth out-Migration and education: Challenges to aspirations discourse in mobile modernity, *Discourse*, 38(3), 429-444.
- Corbett, M. and Helmer, L. (2017). Contested geographies: Competing constructions of community and efficiency in small school debates, *Geographical Research*, 55(1), 47-57.

Non-refereed Publications

- Corbett, M. (2018). Review of the Toxic University: Zombie Leadership, Academic Rock Stars and Neoliberal Ideology. by John Smyth, *Pedagogy, Culture and Society*. DOI: <https://doi.org/10.1080/14681366.2017.1421514>
- Williamson, J., Gardner, C., & Corbett, M. (2018). Final Report on the Years 11-12 High School Expansion Project in Tasmania. Report submitted to the Tasmanian Department of Education, April.
- Corbett, M., Fraser, S., MacLeod, C., Sutton, G., and Smith, C. (2017). CREATE: Final Report. Report for the Office of the Deputy Vice-Chancellor, Research, University of Tasmania. April.
- Corbett, M., Fraser, S., Reyburn, R., Smith, H., MacLeod, C. Sutton, G., and Smith, C. (2017). Evaluation Report of Dream Big. Report for the Burnie City Council. April.
- Corbett, M. (2017). Review of Understanding Social Justice in Rural Education by Hernan Cuervo, *Journal of Research in Rural Education*, Retrieved from: <http://jrre.psu.edu/wp-content/uploads/2017/03/32-1.pdf>

Presentations

- R - Eppley, K. and Corbett, M. (2018). School Choice and Fragmentation in Two Communities: The Ideal School. Paper presented to AERA, New York, 14 April.
- Corbett, M. (2018). Attracting good people to good places and other wicked rural education problems. Keynote Address, Alberta Rural Education Symposium, Edmonton, 5-6 March.
- Corbett, M, Yee, J. and Murphy, T. (2018). Interview on Bill 72, The Education Reform Act. CBC Mainstreet, 9 March.
- Corbett, M. (2018). Rural education: From politics to ecolitics. Faculty seminar. Werklund School of Education, Calgary, 7 March.



- Corbett, M. (2018). The challenge of reflexivity in social research. Keynote at the Acadia University Students' Research and Innovation Conference, Wolfville, 3 March.
- Corbett, M. (2018). Reading the Glaze Report. Presentation to the Halifax Local of the Nova Scotia Teachers Union 20 February.
- Corbett, M. and MacLeod, N. (2018). Interview on the Glaze Report on school restructuring. CBC Information Morning, 28 February.
- Corbett, M. (2018). What crisis?: Nova Scotia students do very well. Halifax Chronicle Herald, 10 February.
- Corbett, M. and Laroche, J. (2018). School boundaries, school choice and standardized testing, CBC Radio, 16 January.
- Corbett, M. (2018). Attracting good people to good places and other wicked rural education problems. Keynote Address, Alberta Rural Education Symposium, Edmonton, 5-6 March.
- Corbett, M. (2018). Rural education: From politics to ecolitics. Faculty seminar. Werklund School of Education, Calgary, 7 March.
- Corbett, M. (2018). The challenge of reflexivity in social research. Keynote at the Acadia University Students' Research and Innovation Conference, Wolfville, 3 March.
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- Corbett, M. (2018). Rural education: From politics to ecolitics. Faculty seminar. Werklund School of Education, Calgary, 7 March.
- Corbett, M. (2018). The challenge of reflexivity in social research. Keynote at the Acadia University Students' Research and Innovation Conference, Wolfville, 3 March.
- Corbett, M. (2018). Reading the Glaze Report. Presentation to the Halifax Local of the Nova Scotia Teachers Union 20 February.
- Corbett, M. (2017). What is research and why (I) do it. Presentation to the Honours Ceremony, School of Education, University of Tasmania, Launceston, 8 December.
- Corbett, M. (2017). Disentangling Rural Education, Think Tank, University of Calgary, 22 September.
- Corbett, M. (2017). A community learning hub for rural Tasmania. Peter Underwood Centre for Educational Attainment, Horizon Series Talk, 6 June.



- Baker-Dowell, J. (2017). Education, agriculture, tourism builds Tasmania's communities, *The Advocate*, 18 May. (Reprinted in the *Launceston Examiner*)
- Corbett, M. (2017). **Rural education: Myths, challenges and opportunities.** Professorial lecture, University of Tasmania, 22 March.
- Corbett, M. (2017). What is research and why (I) do it. Presentation to the Honours Ceremony, School of Education, University of Tasmania, Launceston, 8 December.
- Corbett, M. (2017). Place-based education: A critical appraisal from a rural perspective. *Disentangling Rural Education*, Think Tank, University of Calgary, 22 September.
- Corbett, M. (2017). A community learning hub for rural Tasmania. Peter Underwood Centre for Educational Attainment, Horizon Series Talk, 6 June.
- Corbett, M. (2017). **Rural education: Myths, challenges and opportunities.** Professorial lecture, University of Tasmania, 22 March.
- Corbett, M., Eppley, K., Azano, A., Brenner, D. and Freie, C. (2018). All of a Sudden, Rural is on Everyone's Mind: Rural Education After Trump. Symposium, AERA Rural Education SIG, 17 April.
- Corbett, M. (2017). What is research and why (I) do it. Presentation to the Honours Ceremony, School of Education, University of Tasmania, Launceston, 8 December.
- Corbett, M. (2017). Place-based education: A critical appraisal from a rural perspective. *Disentangling Rural Education*, Think Tank, University of Calgary, 22 September.
- Corbett, M. and Massouh, F. (2017). Community connections and rural education. ABC Evenings, Hobart, Tasmania, 14 June. <https://soundcloud.com/user-706320894/abc-radio-hobart-michael-corbett-rural-education>
- Corbett, M. (2017). A community learning hub for rural Tasmania. Peter Underwood Centre for Educational Attainment, Horizon Series Talk, 6 June.
- Corbett, M. (2017). **Rural education: Myths, challenges and opportunities.** Professorial lecture, University of Tasmania, 22 April.

Edited Volumes

Australian and International Journal of Rural Education, Special issue on education in rural Tasmania, 2017.

Other

Currently working on three internationally funded research grants (2 in Australia and one in Norway)



Regular reviewer for numerous key journals in the fields of education, rural studies, sociology, geography and literacy.

Student Supervision

M.Ed. 1

Ph.D. 1

Kate Gignac

Refereed Journal Publications

Gignac, K., & Gazzola, N. (2018). Embracing Counsellor Professional Identity Work: Experiential Accounts of Transformation and Transition. Canadian Journal of Counselling and Psychotherapy 52(3).

Retrieved from <https://cjc.rcc.ucalgary.ca/cjc/index.php/rcc/article/view/2932>

Presentations

Promoting Professionalism in Clinical Supervision: Embracing Supervisory Identity and Illuminating Competence. Presenters: Kate Gignac, Beth Robinson, Blythe Shepard

CCPA National Pre-Conference Workshop Presentation, Winnipeg, Manitoba, May 2018.

Professional Service

Counselling Supervisor Gathering – Event [June 4, 2018] Acadia University, School of Education. The Counselling Supervisor Gathering was an evening event to acknowledge the work of local (Nova Scotia) agency and school supervisors. There was a general assembly and information provided to participants. Its purpose was to bring supervisors together not only to recognize their work but to ask about their ongoing needs.

Research Grants

Religious Orientation and Value Systems: Presence and Implications for Counsellor Professional Identity Formation. Acadia University Research 25.55 Fund: Amount Awarded = \$4,000



John J. Guiney Yallop

Book Chapters

Guiney Yallop, J. J. (2017). Loving Teaching. In S. Wiebe, E. Lyle, P. R. Wright, K. Dark, M. McLarnon, and L. Day (Eds.). *Ways of Being in Teaching: Conversations and Reflections*. (pp. 7-11). The Netherlands: Sense Publishers.

Guiney Yallop, J. J. and Shields, C. (2017). The Art of Teaching Rests in Connection. In S. Wiebe, E. Lyle, P. R. Wright, K. Dark, M. McLarnon, and L. Day (Eds.). *Ways of Being in Teaching: Conversations and Reflections*. (pp. 87-101). The Netherlands: Sense Publishers.

Guiney Yallop, J. J. and Binder, M. J. (2017). From the Edges of Lateness: Finding Our Place in the Curriculum. In E. Lyle (Ed.). *At the Intersection of Selves and Subject: Exploring the Curricular Landscape of Identity*. (pp. 153-162). The Netherlands, Sense Publishers.

Additional Publications

Guiney Yallop, J. J. (2017). Four Poems about Bullying. Eleventh Transmission, January 4.

Online: <http://waxpoetryart.com/eleventh/2016/guineyyallop.html>

Peer-reviewed Presentations

Guiney Yallop, J. J. and Binder, M. (2017). This presentation is (not) late. Performance at the Canadian Society for Studies in Education Conference, Ryerson University, Toronto, ON.

Shields, C. and Guiney Yallop, J. J. (2017). Metaphors that Have Opened New Ways of Understanding in Our Lives as Educators. Performance at the Canadian Society for Studies in Education Conference, Ryerson University, Toronto, ON.

Gregory MacKinnon

Presentations



A Snapshot of Teacher Education in the OECS (Organization of Eastern Caribbean States) Teacher Educators, Curriculum Officers and the Teachers' Union OECS Teacher Education and Professional Development Conference. Rodney Bay, St. Lucia. April 2-3.

Teaching and Learning Implications: Teacher Educators, Curriculum Officers and the Teachers' Union. OECS Teacher Education and Professional Development Conference. Rodney Bay, St. Lucia. April 2-3.

Proposed Model for Continuous Professional Development. OECS Teacher Education and Professional Development Conference. Rodney Bay, St. Lucia. April 2-3.

Publication

Gauging the Impact of the Instructional Leadership Program: A Preliminary Report

Research and report prepared for the Nova Scotia Educational Leadership Consortium.

Student Supervision

M.Ed. 1

Ph.D. 1

Beth Robinson

Non-Refereed Publications

Green, M., Robinson, B., & Shepard, B. (2018). Canadian Certified Counsellor-Supervisor (CCC-S) guide. Ottawa, ON: Canadian Counselling and Psychotherapy Association.

Presentations

Robinson, B. (2018, March). Strategies for relaxation and replenishment. Invited presentation to the Canadian Cancer Society's Living with Cancer Support Group, Greenwood, NS.



Robinson, B. (2017, November). Informed clinical supervision in practice: Integrating foundational concepts and competencies to optimize process and outcomes. Invited workshop for the Nova Scotia College of Counselling Therapists, Wolfville, NS.

Robinson, B. (2017, October). Promoting ethical mindfulness: Delving into the CCPA Code of Ethics and Standards of Practice to foster ethical alertness. Invited presentation to the Professional Ethics in Counselling class at Acadia University, Wolfville, NS.

Shepard, B., & Robinson, B. (2017, May). Framing clinical supervision in Canada: Professional salience, CCPA initiatives, and the framework project. Presentation at the Canadian Counselling and Psychotherapy Association Conference, St. John's, NL. (R)

Robinson, B. (2017, May). Informed clinical supervision in practice: Integrating foundational concepts and competencies to optimize process and outcomes. Pre-conference workshop for the Canadian Counselling and Psychotherapy Association Conference, St. John's, NL (R)

Robinson, B. (2017, May). Clinical supervision of the registered counselling therapist candidate: Enhancing professional development via establishment of a framework for informed supervision. Invited workshop for the Nova Scotia College of Counselling Therapists, Dartmouth, NS.

Publications Related to Pedagogy

Robinson, B., & Gignac, K. (2018). MEd counselling program and practicum handbook for students and supervisors (rev.). Wolfville, NS: Acadia University.

Professional Service

CCPA Advancement of Clinical Supervision Committee

Co-chair of pan-Canadian committee established October 2017

CCPA Canadian Certified Counsellor-Supervisor (CCC-S) Advisory Committee

CCPA Ethics Committee – Complaints Division

CCPA National Program Selection Committee

COMPASS (Competency Assessment) Centre for Examination Development

Served on Board of Directors (Treasurer)

Clinical supervision consultations (national)

Ethics inquiries (national)



Consultation on as-requested basis regarding ethical dilemmas, crisis situations, school counselling

Development of Advanced Clinical Supervision Workshops for CCPA and NSCCT

Developed and submitted proposal for pre-conference workshop for CCPA Conference 2018 held in Winnipeg, MB

Development of CCPA Ethical Guidelines for the Clinical Supervision of Counselling and Psychotherapy

Continued work on draft for introduction at November 2018 Clinical Supervision Symposium in Ottawa

Peer review of two Canadian Journal of Counselling and Psychotherapy article submissions

Nova Scotia College of Counselling Therapists (NSCCT)

Continued revisions/updating and delivery of introductory and intermediate workshops in clinical supervision

Offered introductory workshop May 6, 2017

Offered intermediate workshop November 4, 2017

Research Grants

November 2014 (project ongoing)

Awarded \$28,000 by the Canadian Counselling and Psychotherapy Association

Development of a Nationally-Validated Competency Framework for Canadian Clinical Supervisors in the Counselling and Psychotherapy Profession

Other Grants

March 2018

Awarded \$36,006 Regional Development Fund Grant by the Canadian Counselling and Psychotherapy Association for the development and delivery of a Clinical Supervision Symposium on November 13 and 14, 2018 in Ottawa, ON

Student Supervision

PhD 1 co-supervision



Jennifer Tinkham

Refereed Journal Publications

Orr, J., Robinson, D., Lunney Borden, L. & Tinkham, J. (2017). There is a difference: Mi'kmaw students' perceptions and experiences in a public and band operated school. *Journal of American Indian Education*, 56 (1).

Other Refereed Publications

Tinkham, J. (2017). The Reconceptualization of Canadian History Curricula in Nova Scotia Schools in Epstein, T. & Peck, C. (Eds.) *Teaching and learning difficult histories in international contexts: A critical sociocultural approach*. Routledge.

Tinkham, J. & Corbett, M. (June 2017). Too small to fail: Neoliberalism and rural school governance. Paper presented at the Canadian Society for the Study of Education Annual Conference, Toronto, ON.

Chapters in Books

Tinkham, J. (2017). That's not My History! Reflections from Mi'kmaw students on the role of their teachers in decolonizing social studies education in Nova Scotia in Marie Battiste (Ed.) *Mi'kmaw Humanities*. Cape Breton University Press.

Community Engagement

Volunteer, MacPhee Centre for Creative Learning

Research Grants

SSHRC Partnership Grant LOI application, "Thinking Historically for Canada's Future"
– LOI Successful, Invited to Submit formal application in November 2018

Student Supervision



KINESIOLOGY

Ann Dodge

Presentations

Dodge, A., (April 2018) ACD (Advanced Coaching Diploma) – Team Building & Team Dysfunction sessions, Halifax, NS.

Dodge, A., (April 2018) CAAWS “Leading with Confidence” session with Acadia’s female varsity athletes, Wolfville, NS.

Dodge, A., (March 2018) CFUW Panel Presentation “Why Not!” Gender Equity, Wolfville, NS.

Dodge, A., (March 2018) A Celebration of Women in Sport, Halifax, NS.

Dodge, A., (March 2018) #Press for Progress - Female Leaders, Truro, NS.

Dodge, A., (October 2017) Emcee of the Acadia Sport Hall of Fame Induction Ceremony, Wolfville, NS.

Dodge, A., (October 2017) Coaching Female Athletes, Halifax, NS.

Dodge, A., (August 2017) West Hants Jr. Leadership Camp - Inspired Leadership - What will you take away with you?

Community Engagement

NS Sport Hall of Fame Selection Committee - June 2017 to present

Valley Sport Fund Committee - June 2017 to present

Leadership Theme Mentor and Facilitator for the CSCA Advanced Coaching Diploma (2013-present)

Awards

AKS Dr. Gary Ness Professor Appreciation Award (April 2018)

Jonathon Fowles

Refereed Journal Publications



- Steeves, D., Jordan, M., Thornley, L., Bawol, M., Jobin, F., Kruk, J., **Fowles, J.R.**, A High-Performance approach to the strength and power training evolution in 200m Kayak/Canoe. J. Australian. Str. Cond. 2018. 28. In press.
- O'Brien, M., Robinson, S., Frayne, R., Mekary, S., Fowles, J.R. Kimmerly, D., Achieving Canadian Physical Activity Guidelines is Associated with Better Vascular Function Independent of Aerobic Fitness and Sedentary Time in Older Adults. Appl. Phys. Nutr. Metab, 2018. Published on the web Apr 19 doi: 10.1139/apnm-2018-0033. Epub ahead of print.
- O'Brien, M., Wojcik, W.R, D'Entremont, L., Fowles, J.R. Validation of the PiezoRx Step Count and Moderate to Vigorous Physical Activity Times in Free Living Conditions in Adults: A Pilot Study. Intl. J. Exerc. Sci. 2108. 11(7): 541-551. eCollection. <https://digitalcommons.wku.edu/ijes/vol11/iss7/5>.
- Fowles, J.R., O'Brien, M. W., Solmundson, K., Oh, P. I., Shields, C.A.,. Exercise is Medicine Canada Physical Activity Counselling and Exercise Prescription Training, Improves Counselling, Prescription and Referral Practices Among Physicians Across Canada. 2018. Appl. Phys. Nutr. Metab, 43(5):535-539. doi: 10.1139/apnm-2017-0763. Epub 2018 Jan 9.
- Fowles, J.R., M.W. O'Brien. W.R. Wojcik, L d'Entremont and C.A. Shields. A pilot study: Validity and reliability of the CSEP-PATH PASB-Q and a new leisure time physical activity questionnaire to assess physical activity and sedentary behaviours. Appl. Phys. Nutr. Metab. 2017.42(6): 677-680. [dx.doi.org/10.1139/apnm-2016-0412](https://doi.org/10.1139/apnm-2016-0412).
- E. Gray, C.A. Shields & Fowles, J.R., Building Competency and Capacity for Effective Physical Activity Promotion in Diabetes Care in Canada. Can. J. Diabetes. 2017. 41, 491-498. [dx.doi.org/10.1016/j.jcjd.2016.11.005](https://doi.org/10.1016/j.jcjd.2016.11.005).

Non-refereed Publications

- O'Brien M.W., Shields CA, Campbell KL, Doyle B, Crowell SA, McGrath P, JR Fowles. Physical activity counselling and exercise prescription practices of physiotherapists in Nova Scotia. American College of Sports Medicine. Med. Sci. Sports. Exerc. 50 (5S). 361. 2018.
- Shields, C.S, O'Brien M., and Fowles, J. R. "Stepping-Up" to the Challenge: Diabetes Care professionals promoting physical activity. Can. J. Diabetes. 41(5); S24, 2017
- O'Brien, M., Shields, C., Crowell, S., Theou, O., McGrath. P., and Fowles, J.R. The effect of previous training on the perceptions and practices of physical activity counselling and exercise prescription among health care providers across Nova Scotia. Appl. Phys. Nutr. Metab. 42 (10 Suppl); S391, 2017.



Presentations

- O'Brien, MW, Shields, CA, Crowell, SA, Theou, O, McGrath P, Fowles, JR. Nova Scotia physicians' perspectives on promoting and sustaining physical activity and exercise in healthcare. Primary Healthcare Research Day, Halifax, Nova Scotia, Canada, 04/2018.
- J. Fowles, Physical Activity for Health and Wellness: Simple Strategies to help your patients get Active. (Keynote). Loblaw's National Health and Wellness Conference. Toronto International Congress Centre, Toronto Ontario, April 27, 2018.
- J. Fowles, Movement is Medicine, Dalhousie Medicine Spring Refresher, Halifax Conference Centre, Halifax Nova Scotia. April 6, 2018
- J. Fowles, Exercise is Medicine in Health Care Workshop. Canadian Chiropractic Association, Annual Conference, Calgary, Alberta (presented with Dr. Scott Howitt), April 28, 2018.
- J. Fowles, Exercise is Medicine in Health Care. Pier 4 Family Medicine, Dalhousie Medical School, March 27, 2018
- J. Fowles, Movement is Medicine. Pier 4 Family Medicine. Dalhousie University Medical School. March 27, 2018.
- J. Fowles, Exercise is Medicine in Health Care. Endocrinology Residents Grand Rounds, Dalhousie Medical School, March 27, 2018
- O'Brien, MW, Robinson, SA, Frayne, RJ, Mekary, S, Fowles, JR, Kimmerly DS. Achieving Canadian physical activity guidelines is associated with better vascular function independent of aerobic fitness and sedentary time in older adults. Atlantic Provinces Exercise Science Conference, Dalhousie University. 03/ 2018.
- J. Fowles, Exercise is Medicine in Health Care (Keynote – Sam York Lecture), Dalhousie University Department of Medicine Grand Rounds, Halifax Infirmary, Halifax, Nova Scotia, March 27, 2018.
- J. Fowles, Perspectives on Obesity in Nova Scotia, Canadian Obesity Network Panel Presentation, Mount Saint Vincent University, Halifax, Nova Scotia, March 16, 2018.
- J. Fowles, Movement is Medicine for an Active, Vibrant Nova Scotia, (Highlighted presentation). Nova Scotia Physical Activity Stakeholder Symposium, hosted by the Ministry of Community Cultures and Heritage, Brightwood Golf and Country Club, Dartmouth, Nova Scotia, March 6, 2018.



- J. Fowles, Exercise is Medicine Canada: Physical Activity Counseling in Health Care Workshop. Alberta College of Family Physicians, Annual Conference, Pre-Conference workshop. Rimrock Hotel, Banff, Alberta (presented with Dr. Victor Lun), Mar. 2, 2018.
- J. Fowles, Exercise is Medicine. Berwick Health Team, Continuing Education, Western Kings Memorial Health Centre, NS, Feb 14, 2018
- J. Fowles, Exercise is Medicine. Annapolis Valley Family Medical Residents Continuing Education, Eastern Kings Memorial Health Centre, NS, Feb 13, 2018
- J. Fowles, What is with this Exercise thing? Wolfville and Area Newcomers Club, Wolfville, Nova Scotia, Jan 9, 2018.
- J. Fowles, Exercise is Medicine Canada: Exercise Prescription in Health Care Workshop. Western NSHA Health Region. Port Williams, Nova Scotia. (presented with Dr. Marion Cornish), Dec 8, 2017.
- J. Fowles, Exercise is Medicine Canada: Physical Activity Counseling in Health Care Workshop. Dalhousie Medicine Fall Refresher, Pre-Conference workshop, World Trade and Convention Centre, Halifax, Nova Scotia. (presented with Dr. John Ross). Nov 29, 2017.
- J. Fowles, Exercise is Medicine Canada: Physical Activity Counseling and Exercise Prescription in Health Care Workshop. NSHA Central Health Region, QEII Health Sciences Centre, Halifax, Nova Scotia, (presented with Dr. John Ross), Nov 14, 2017.
- J. Fowles, Exercise is Medicine Canada: Physical Activity Counselling in Health Care Workshop. Aberdeen Health Region. New Glasgow, Nova Scotia, (presented with Dr. Brad MacDougall), Nov 8, 2017.
- J. Fowles, Think Tank for Exercise Prescription and Referral across the continuum from Health Care to Community. Exercise is Medicine Canada National Meetings, Winnipeg, Man, Oct 24, 2017
- J. Fowles, Exercise for Type 2 Diabetes. Diabetes Canada Diabetes Education Section Western Region, Nova Scotia Fall Workshop, Wolfville, Nova Scotia, Sep 27, 2017.
- J. Fowles, Half hour television episode for Eastlink Television, on their Aging Well Series.
- Exercise is Medicine; how exercise can help you age well with arthritis, Sep 21, 2017. The episode aired 10 times in October and November 2017
- J. Fowles, Exercise Physiology Professional Practice in Canada (Keynote). European Exercise is Medicine Symposium, Portuguese Ministry of Health, Lisbon Portugal, Sep 14, 2017.



- J. Fowles, Exercise for Physical and Mental Health: Life Lessons 1001. Acadia Welcome Week. Wolfville, Nova Scotia, Sep. 6, 2017.
- J. Fowles, Exercise is Medicine Canada: Exercise Prescription in Health Care Workshop. Cape Breton Health Region, YMCA, Sydney, Nova Scotia, (presented with Dr. Stephen MacDougall). August 14, 2017.
- J. Fowles, Exercise is Medicine in Health Care. Aberdeen Hospital Medical Grand Rounds, New Glasgow, Nova Scotia, June 29, 2017.
- J. Fowles, Breast Cancer and Exercise is Medicine Canada. Public Presentation. Faculty of Kinesiology, University of Calgary, June 20, 2017.
- J. Fowles, Lessons Learned from a National Initiative in Diabetes for Exercise Prescription in Cancer Care. Faculty of Kinesiology, University of Calgary, June 19, 2017.
- J. Fowles, Interactions of Sleep and Nutrition with Training on Performance. Canadian Sport Centre Atlantic Sport Science and Strength Summit, Halifax, Nova Scotia, June 9, 2017.
- J. Fowles, Cycling for Life: Getting your 150 for Canada's 150. Acadia University Centre of Lifestyle Studies Community Lecture in partnership with LifeCycle, Wolfville, Nova Scotia. June 3, 2017.

Publications Related to Pedagogy

Revised and updated material for accreditation applications with College of Family Physicians and the Royal College of Physicians and Surgeons for Exercise is Medicine Workshop. Received accreditation for our 1-hour, 4-hour and 8-hour “Physical Activity Counselling and Exercise Prescription in Health Care” workshops. Also worked with translators and content experts to update and prepare accreditations in French as well.

Professional Service

Chair –Exercise is Medicine Canada, National Advisory Council

Scientific Lead – EIM NS project

Diabetes Canada – Guidelines and Implementation Committee, PA Working Group 2014-present

Heart & Stroke Foundation, ‘COMPASS’ Strategic Planning committee (2016-present)

H&S Nova Scotia strategic advisor for PA initiative

Consultant on development of a Health and Wellness Platform “Incite”



Strength Training and Physiology Consultant, Canadian Sport Centre, Atlantic, 2001 – present

Coaching Certification Program, Task Leader

Canadian Sports Centre-Atlantic, Sports Science Advisor

Community Engagement

Volunteered for LifeCycle to give presentations at local schools to raise awareness for active transportation and physical activity.

Research Grants

Acadia University AUFA 25.55. (2017) Activating Exercise in Primary Health Care \$4,676

CIHR Bridge Funding (2017), Co-Investigator (K. Dasgupta PI, 7 Co-Is) \$100,000

ACTIVE PATIENT for cardiometabolic disease support

Lawson Foundation (2017-2019), Co-Investigator (K. Dasgupta P.I., 7 Cols) \$400,000

ACTIVE PATIENT – Gestational Diabetes

Eastern Kings Memorial Health Foundation (2017-2018) \$12,242

Active for Life Expansion

Lawson Foundation (2017), 60th Anniversary Award of Excellence \$100,000

Exercise in Diabetes and Medicine

Student Supervision

Honours – 1

Other

CSEP Certified Exercise Physiologist – 8

Scott Hennigar

Community Engagement



NS Outdoor Leadership Development Program

Trained members of the Dept. of Social Services staff

Worked with the Nova Scotia Lifeguard Service staff training

Offered and provided swimmer safety by sea kayak for the Big Swim across the Northumberland Strait to raise money for Camp Brigadoon

Jason Holt

Refereed Journal Publications

Holt, J. (2017): Sport as Art, Dance as Sport, *AUC Kinanthropologica* 53 (2), pp. 138–145.

Holt, J., Wills, B. and (2017): Art by Jerks, *Contemporary Aesthetics* 15 (online).

Holt, J. (2017): The Philosopher's Stallone: Significance of the Rocky IV Training Montage, *Cinematic Codes Review* 2 (1), pp. 61–67.

Other Refereed Publications

Holt, J. (2017): Virtual Domains for Sports and Games, in I. van Hilvoorde (ed.), *Sport and Play in a Digital World* (New York: Routledge), pp. 5-13. Reprinted from Holt, J. (2016): Virtual Domains for Sports and Games, *Sport, Ethics and Philosophy* 10 (1), pp. 5-13.

Books

Holt, J. (2017): *Up Against Beyond: Selected Poems 1994–2017* (Brownsville: Anaphora Literary).

Presentations

Holt, J. (2018): Kinetic Beauty: A Layered View, Atlantic Undergraduate Philosophy Conference, University of Prince Edward Island (Invited Keynote Address).

Holt, J. (2018): Kinetic Beauty: A Layered View, Philosophy Department, Dalhousie University.

Holt, J. (2017): What Poetry Is About: Exploring Lepore's Account, Poetry and Philosophy, Memorial University, Grenfell Campus (Invited).



- Holt, J. (2017): Beardsley's Dance with the Avant-Garde, Atlantic Region Philosophers' Association, Saint Mary's University.
- Burrow, S. and J. Holt (2017): Elegance, Courage, and Integrity: Aesthetics Meets Ethics in Martial Arts and Sport, Atlantic Region Philosophers Association, Saint Mary's University.
- Holt, J. (2017): Sport Card Portraiture, Playgrounds and Podiums: Contemporary Issues in Sport, Saint Mary's University.
- Burrow, S. and Holt, J. (2017): Aesthetic Dimensions of Virtue in Sport and Martial Arts, International Association for the Philosophy of Sport, Whistler.
- Holt, J. (2017): Poetry, Use as Mention, and Coherence, Canadian Philosophical Association, Ryerson University.
- Holt, J. (2017): Sport as Art, Dance as Sport', Canadian Society for Aesthetics, Ryerson University.
- Holt, L.E. and Holt, J., (2017): The Cult of Conditioning and the Harm It Does, Centre for the Study of Sport and Health Speaker Series, Saint Mary's University.

Professional Service

Session Chair, Atlantic Region Philosophers' Association, Saint Mary's University, 2017

Reviewer, Dialogue: Canadian Philosophical Review

Reviewer, Journal of Music and Meaning

Reviewer, Oxford University Press (book proposal)

Colin King

Publications Related to Pedagogy

August 2017, successfully defended doctoral dissertation entitled "Un'TPACK'ing Athletic Therapy Education in Canada: An Exploration of an Innovative Case-Based Learning Approach". Part of the doctoral research, a technology-assisted pedagogical tool that was distributed to some of the Canadian Athletic Therapists Association accredited institutions. A couple of these institutions are using my tool with their athletic therapy students.

Presentations



King, C. (2017) Poster Presentation, Un'TPACK'ing AT Education in Canada: An Exploration of an Innovative Case-Based Learning Approach. Canadian Athletic Therapists Association Conference. Niagara Falls, ON.

Aucoin, J. & King, C. (2018), Poster Presentation: Parental Knowledge of and Attitudes Towards Concussion Management and the Return-to-Play Protocols in Youth Minor Hockey. Acadia University 5th Annual Student Research & Innovation Conference. Wolfville, NS. Awarded Best Undergraduate Presentation.

Program and Curriculum Development

Developed and teaching new Kinesiology elective course, KINE 4863 Emergency Conditions

Professional Service

USPORTS Sport Medicine & Research Science Committee

Grant External Peer Reviewer for Nova Scotia Health Research Foundation Health Policy, Services, & Outcomes award

Member of Canadian Athletic Therapists Association Program Accreditation Committee

External reviewer for the Bachelor of Science in Sports Sciences program at the University of Technology, Jamaica

Acted as the Interim Co-Head Athletic Therapist with Acadia Varsity Athletics in Fall 2017

Medical Coordinator for the 2017 AUS Cross-Country Championships

Host Medical Team for 2018 USPORTS National Men's Basketball Championships

Abstract Reviewer for CATA National Conference Presentations

Peer Reviewer for CATA Annual Research Grant

External Video Reviewer/Examiner for Mount Royal University's Comprehensive Clinical Examinations

External Video Reviewer/Examiner for Mount Royal University's Comprehensive Field Examinations

Editorial Reviewer for Pivot Deign Group

Research Grants



\$7500 research start-up funds from tenure-track position

Awards

Recipient of peer-reviewed Canadian Athletic Therapists Association certified member writing award for paper entitled “Signature Pedagogies in Athletic Therapy Education”

Student Supervision

Honours – 3

Other

External Reader - 2

Directed Reading – 1

Independent Study - 2

Sports Injury Assessment & Management Students – 27

Darren Kruisselbrink

Presentations

Cruickshank, D., & Kruisselbrink, L.D. (2017, September). Tailoring coaching to athletes’ needs: How the strength of female athletes’ fear of negative evaluation by their coach influences their perceptions of performance. Coach New Brunswick Beyond Coaching Conference. St. John, NB; September 29-30, 2017.

Harris, E., Kruisselbrink, L.D., & Dorsch, K. D. (2017, October). What happened out there!? And other (potentially uncomfortable) topics of discussion: Female volleyball players’ experience of postgame debriefs. Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS) Conference. St. John’s, NL; October 12-14, 2017.

Kruisselbrink, L.D. (2018, April). Alcohol hangover and neurocognitive performance: An updated review. 10th Alcohol Hangover Research Group meeting. Utrecht, Netherlands; April 29, 2018.

Professional Service



Academic Reviewer: Heavy Episodic Drinking Among Post-secondary Students:
Factors and Implications, by the Canadian Centre on Substance use and
Addiction

Community Engagement

Community Alcohol Partnership (CAP)

Town of Wolfville Municipal Alcohol Policy Working Group

A Municipal Alcohol Project partnership between CAPPSCA, the Nova Scotia Health
Authority, Acadia University, the Nova Scotia Community College & the Annapolis
Valley Regional School Board

Acadia Minor Hockey Association, Assistant Coach, Bantam AA

Director of the Acadia Kinderskills Program

Research Grants

K. Thompson (St. Francis Xavier University, Principal Investigator), Asbridge, M.,
Kruisselbrink, D., Olthuis, J., & Stewart, S. (Co-investigators), Barker, B.,
Paradis, C., Strang, R., & Stockwell, T. (Partners), McDaniel, C. (Associate).
*Strengthening alcohol policies on Atlantic Canadian campuses: Working
collaboratively to assess, implement and evaluate best practices*. Nova Scotia
Health Research Fund (NSHRF) Establishment Grant, 3 years, \$149,900

Student Supervision

Other

Directed Reading – 2

Independent Study – 1

Scott Landry

Presentations

Talk at a national GaitNET OA Canada Meeting held in Halifax on October 25th and
26th 2017.

Lab demonstrations on motion capture research to junior high and senior high school
students from across the province.



Professional Service

Co-chair of the 20th Biennial Meeting of the Canadian Society for Biomechanics (CSB)

Acting Director for The School of Kinesiology, 2017

Reviewer for abstracts submitted to the 20th biennial meeting of the (CSB) that will be held in Halifax this August 14th-17th 2018

Community Engagement

John MacIntyre Memorial Scholarship Fund Committee

Community Board Member and Secretary for the Wolfville Children's Centre (WCC)

Member of the Canadian Society for Biomechanics (CSB)

Member of International Society for Biomechanics (ISB)

Research Grants

Research grant from adidas, \$30,000

As an adjunct professor at Dalhousie, obtained a grant from the Department of Surgery at Dalhousie University, which allowed PhD student to carry out research in the Kinesiology mLab at Acadia.

Student Supervision

Honours – 7

Masters – 1

PhD co-supervisor – 2

Masters co-supervisor 1

Other

Directed Reading – 3

Independent Study – 5

Research 1



Lauren Lattimer

Refereed Journal Publications

Lattimer, L. J., Lanovaz, J. L., Farthing, J. P., Madill, S., Kim, S. Y., Robinovitch, S., & Arnold, C. M. (2018). Biomechanical and physiological age differences in a simulated forward fall on outstretched hands in women. *Clinical Biomechanics*, 52, 102-108. doi:10.1016/j.clinbiomech.2018.01.018

Presentations

Lattimer, L.J., Arnold, C.A., Lanovaz, J.L., Legg, H., 46th Annual Scientific and Educational Meeting Canadian Association of Gerontology, Winnipeg, MB- Oral Presentation 2017 A Comparison of Energy Absorbing Capacity During a Controlled Forward Descent on Outstretched Hands in Younger Women, Healthy Older Women and Pre-Frail Older Women.

Dill, C.M, Chiekwe, J.C.,Turnbull, C.N., Lattimer, L.J., Atlantic Provinces Exercise Scientists Annual Conference 2018, Halifax NS- Oral presentation. "Gender Differences in Neuromuscular Activation, Muscle Oxygenation and Functional Tests after Fatigue in the Lower Extremity.

Professional Service

Reviewer for Journal of Athletic Training

Reviewer for Canadian Athletic Therapists Association National Conference

Reviewer for the Canadian Society for Biomechanics Biennial Meeting

Reviewer for the Journal of Physical Activity and Aging

Community Engagement

Canadian Athletic Therapist Association Education committee- Continuing Education Liaison

Canadian Athletic Therapist's Association – CEU task force

President of Atlantic Provinces Athletic Therapy association as of May 6th, 2017

Student Supervision



Other

Directed Reading – 1

Independent Study – 2

Second Reader - 3

Sports Injury Assessment & Management Students – 12

Jim MacLeod

Professional Service

Extensive duties within the varsity Athletics program National Committee on Concussion for USPORT

Student Supervision

Other

Sports Injury Assessment & Management Students – 27

Said Mekary

Refereed Journal Publications

R. Martins, P Girouard , E Elliott , S Mekary (2018) The Physiological Responses of a Jaw Repositioning Custom-Made Mouthguard on Airway and Their Effects on Athletic Performance, Journal of Strength and Conditioning Research, ahead of print.

M. O'Brien, S. Robinson, R. Frayne, S. Mekary, J. Fowles, D. Kimmerly (2018) Achieving Canadian Physical Activity Guidelines is Associated with Better Vascular Function Independent of Aerobic Fitness and Sedentary Time in Older Adults, Applied Physiology, Nutrition and Metabolism, ahead of print.

M. O'Brien, S. Robinson, S. Mekary, D. Kimmerly (2018) Short-Term Aerobic Training Augments Low-Flow Mediated Constriction More Than Resistance Training in Older Adults, Experimental Physiology, accepted with modifications.

Other Refereed Publications



- M. J. Earle, R. Martins, H. F. Neyedli, O. Dupuy, D. S. Kimmerly, S. Mekary (2018) The Effects of Different Types of Aerobic Programs on Cognition in Older Adults, Applied Physiology, Nutrition and Metabolism.
- K. Evans, M. Earle, R. Martins, H. Neyedli, O. Dupuy, D. Kimmerly, S. Mekary (2018) Comparing Exercise Interventions and How They Affect Cognition in Older Adults. Applied Physiology, Nutrition and Metabolism.
- M. O'Brien, S. Robinson, S. Mekary, D. Kimmerly (2018) The Effects of Short-Term High-Intensity Interval Versus Moderate-Intensity Continuous Training on Vascular Function in Older Adults, Experimental Biology.
- M. O'Brien, S. Robinson, K. Evans, S. Mekary, D. Kimmerly (2018) Can Six-Weeks of Whole-Body Resistance Training Improve Endothelial Function in Older Adults, Experimental Biology.

Presentations

- S. Mekary, Le Role de l'Activite Physique sur les Fonctions Cognitives – Universite de Moncton
- S. Mekary (2018) Championing Change in Dementia Care, Halifax, NS, September 21, 2018
- K. Evans, M. Earle, R. Martins, H. Neyedli, O. Dupuy, D. Kimmerly, S. Mekary (2018) Comparing Exercise Interventions and How They Affect Cognition in Older Adults. Atlantic Provinces Exercise Scientists and Socioculturalists, Halifax, NS, March 24-25th, 2018. Award winning presentation and award-winning abstract.
- S. Mekary (2018) Swimming Against the Tide – How Older Adults Are Growing Young, TEDx Bishops University, Lennoxville, QC, February 10, 2018.
- S. Mekary (2017) FHIIT your brain with physical activity: Is it worth the sweat? Hants Shore Community Health Centre: Senior Drop-In program, Newport, NS, November 23rd, 2017.
- S. Mekary (2017) Fit your brain with physical activity: Are we cooking a perfect storm, Nova Scotia Association of Health Auxiliaries 54th annual convention, Wolfville, NS, September 28, 2017.

Community Engagement

Canadian Society of Exercise Physiology

Acadia Active Aging program



Research Advisory Committee – Heart and Stroke Foundation

CIHR– University Delegate

Valley United Soccer board

Research Grants

Petro Canada Young Innovator Award (2018-2019), Principal Investigator, \$5,000

CIHR IPPH Planning Grant (2017-2018), PI: Dr. Karen Blair Collaborator \$17,933

Nova Scotia Health Authority Chronic Disease Innovation Fund (2017-2018), PI: Dr. Jonathon Fowles, Collaborator, \$ 22,500

Acadia University- McCain Foundation (2017-2018), Principal Investigator, \$16,000

Universite de Moncton Research Grant, Co-Principal Investigator, \$8,000

Student Supervision

Honours – 5

Other

Independent Study – 2

Directed Reading – 2

Research Assistants - 2

External Reader – 3

Rene Murphy

Program and Curriculum Development

Developed and delivered KINE 4873 – Pharmacology for Kinesiology

Professional Service

CCUPEKA Accreditation Council member

President, CCUPEKA

External reviewer – Kinesiology program at UOIT



External reviewer – Kinesiology program at UFV

External reviewer – promotion to Full Professor

Student Supervision

Other

M.Ed. Curriculum Studies- 1

Robert Pitter

Refereed Journal Publications

Yeldon, J. & Pitter, R. (2017) Exploring the meaning of pain in boys' competitive minor hockey. *Boyhood Studies*, 10(1), 4-21.

Presentations

Invited Panellist. Paper: Physical Activity and Community: Gemeinschaft or Gesellschaft? For the panel Confronting Sporting Myths at Playgrounds and Podiums Contemporary Issues in Sport, St. Mary's University, Halifax, NS, September 2017.

Brooks, P., Shields, C., and Pitter, R., (2017 November) Kids in Sport - A Moral Responsibility: Examining Parents' Support and Expectations, Paper presented at the 2017 annual meeting of the North American Society for the Sociology of Sport, Windsor, ON.

Professional Service

Session Co-organizer and Abstract Reviewee, "Gender, race and sport: Intersections/Assemblages I, and II" with Ann Travers, Simon Fraser University, for the North American Society for the Sociology of Sport Conference, Windsor ON, November 2017

North American Society for the Sociology of Sport Web Committee and membership liaison, 2011-present

Community Engagement



Co-organizer with Maggie Neilson and Mary Sweatman, for the Canadian Sport Film Festival Wolfville: A Film Screening and Panel Discussion on How Sport and Film Can Empower Indigenous Girls and Women, Al Whittle Theatre, March 9, 2018

Co-organizer with Krishinda McBride for a series of workshops on the Arctic Winter Games sports featuring Deseray Cumberbach Annapolis Valley School Board, March 8-9, 2018

Roxanne Seaman

Refereed Journal Publications

Arbour-Nicitopoulos, K., Shirazipour, C. Sweatman, M., and Seaman, R. (2018). The Secret of S.M.I.L.E.: Best practices for delivering adapted physical activity programming. *Physical and Health Education Journal Canada*. Volume 83, Issue 4.

Chris Shields

Refereed Journal Publications

Fisher, K. L., Reeder, B. A., Harrison, E. L., Bruner, B. G., Ashworth, N. L. Phawa, P., Sari, N., Sheppard, M. S., Shields, C. A., Chad, K. E. (online ahead of print). Comparing class-based and home-based exercise for older adults with chronic health conditions: 12-month follow-up of a randomized clinical trial, *Journal of Aging and Physical Activity*. <https://doi.org/10.1123/japa.2016-0285>.

Gray, E., Shields, C., & Fowles, J.R. (2017). Building Competency and Capacity for Effective Physical Activity Promotion in Diabetes Care in Canada. *Canadian Journal of Diabetes*, 41, 491-498.

O'Brien, M. W., Shields, C., Oh, P., & Fowles, J. (2017). Health Care Provider Confidence and Exercise Prescription Practices of Exercise is Medicine Canada Workshop Attendees. *Applied Physiology, Nutrition and Metabolism*, 42, 384-390.

Fowles, J., O'Brien, M. W., Wojcik, W. R., d'Entremont, L., & Shields, C. (2017) A Pilot Study: Validity and Reliability of the CSEP-PATH PASB-Q and a new Leisure Time Physical Activity Questionnaire to Assess Physical Activity and Sedentary Behaviors. *Applied Physiology, Nutrition and Metabolism*, 42, 677-680.

Bruner, M.W., Balish, S, Forrest, C., Brown, S., Webber, K., Gray, E., McGuckin, M., Keats, M.R., Rehman, L., & Shields, C. (2017). Ties that Bond: Youth Sport as a Vehicle for Social Identity and Positive Youth Development. *Research Quarterly for Exercise and Sport*. DOI: 10.1080/02701367.2017.1296100.



Other Referred Publications

Canadian Society for Exercise Physiology – Physical Activity Training for Health

Expert Contributor/Reviewer for Behaviour Change Chapter

The Canadian Society for Exercise Physiology (CSEP) Physical Activity Training for Health (CSEP-PATH) resource is a comprehensive, evidence-based resource needed to support the training and work of CSEP Certified Personal Trainers® (CSEP-CPTs), CSEP Certified Exercise Physiologists (CSEP-CEPs), and other qualified exercise professionals.

Non-refereed Publications

Gyurcsik, N., Shields, C., Cary, M. A., & Brawley, L. R. (in press). Physical Activity for Arthritis and Diabetes: Psychological Aspects of Self-Management Behavior for People with Chronic Disease. In A. Smith & T. Horn (Eds). *Advances in Sport and Exercise Psychology* 4th ed. Human Kinetics: Champaign:IL.

Presentations

Brooks, P., Shields, C., & Pitter, R. (Nov. 2017). Kids in sport-a moral responsibility? Examining parents' support and expectations. Paper presented at the annual meeting of the North American Society for Sociology in Sport, Windsor, ON.

O'Brien, M., Shields, C., & Fowles, J. (Nov. 2017). Stepping-Up to the Challenge: Diabetes Care Professionals Promoting Physical Activity. Paper presented at the annual meeting of Diabetes Canada. Edmonton, AB: Nov., 2017.

Carew, R., O'Bertos, S., Matheson, L., Holmberg, D., & Shields, C. (Oct. 2017). Testing a mediational model: The relationship between support styles, relationship-inferred self-efficacy, self-efficacy, and exercise in cardiac rehabilitation. Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology. St. John's NL.

Woolridge, C., & Shields, C. (Oct. 2017). Hard work, sacrifice and focus will never show up in tests: Varsity and club athletes' attitudes towards performance enhancing drugs and nutritional supplements - Do gender and sport type make a difference? Paper presented at the annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, St. John's NL.

Brooks, P., Shields, C., & Pitter, R. (Oct. 2017). Who I am depends on what you do: Parents' form athletic-identities through their child's sport participation which have consequences for perceptions and behaviour. Paper presented at the



annual meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, St. John's NL.

Matheson, L., O'Bertos, S., Carew, R., Holmberg, D., & Shields, C. (June 2017). Support and coping in cardiac rehabilitation: An examination of protective buffering, overprotection and active engagement. Poster presented at the meeting of the Canadian Psychological Association, Toronto, ON.

Forbes, C., C., Rainham, D., Giacomantonio, N., Vallis, M., Plotnikoff, R., Rhodes, R., Shields, C., Fowles, J., Blanchard, C., (June 2017). Examining physical activity and sedentary behaviour in adults with type 2 diabetes over a 6-month period. Paper presented at the annual meeting of the International Society of Behavioural Nutrition and Physical Activity. Victoria BC.

O'Brien, M., Shields, C. A., Oh, P., & Fowles, J. (June, 2017). Effectiveness of the Exercise is Medicine Canada Training Workshops on Physician Counselling and Prescription Practice. Paper presented at the annual meeting of the American College of Sports Medicine.

Rehman, L., Balish, S., Bruner, M., Keats, M., & Shields, C. (May 2017). Engaging Community Recreation and Sport Professionals: Inclusive Recreational Sports or Exclusive? Paper presented at the Canadian Congress on Leisure Research, Waterloo, ON.

College of Pharmacy and Nutrition – University of Saskatchewan.

Invited Speaker to SPNSS Pharmacy and Nutrition Professional Enhancement Day Delivered an interactive 45-minute presentation entitled If Exercise is Medicine, does that make Motivating Patients Magic? Tips for Promoting Physical Activity and Exercise with EIM-C.

CIHR - Working Group on Health Research Training

Invited expert (1 of 17 across Canada)

In the face of changes in the CIHR funding landscape, CIHR brought together invited experts from across the country to discuss, plan and recommend changes to the funding, recognition and promotion of excellence in health research training through CIHR funded grants.

Heart and Stroke Nova Scotia - Population-Level Physical Activity in Nova Scotia Expert Contributor Needs Assessment Questions for Population-Level Physical Activity in Nova Scotia.

Diabetes Canada – CPG Dissemination and Implementation National Working Group
Invited expert/stakeholder This group is charged with reviewing the new clinical practice guidelines to be distributed to all diabetes care professionals in



Canada, prioritizing the key messages, and designing strategies for effective dissemination.

Professional Service

Grant Adjudication, CIHR College of Reviewers, Stage 1 Project Scheme Open Grants Competition

Manuscript Reviewer, Rehabilitation Psychology

Manuscript Reviewer, Canadian Journal of Diabetes

Manuscript Reviewer, Pediatric Exercise

Community Engagement

President - Canadian Society for Psychomotor Learning and Sport Psychology (SCAPPS)

West Hants Warriors Atom AA Hockey Team Coach, Parent Liaison

Nova Scotia Royals 2006 Hockey Team, Assistant Manager

Research Grants

Canadian Institutes of Health Research (2017-2018) 100,000 Amplifying the Step Monitoring to improve ARTERial health strategy (SMARTER amplify), Role: Co-Investigator Primary Investigator: Dr. Kaberi Dasgupta (McGill)

Lawson Foundation (2017 – 2019) 400,000, ACTIVating and Engaging PATients Through clinical Interaction redesign and Electronically-integrated Novel Technologies- Gestational Diabetes, Role: Co-Investigator, Primary Investigator: Dr. Kaberi Dasgupta (McGill)

CIHR IPPH Planning Grant (2017-2018) \$ 17,933, "And with your hands, your hearts." Investigating the health implications of public displays of affection in mixed-sex, same-sex, and gender diverse romantic relationships. Role: Collaborator, Primary Investigator: Dr. Karen Blair (StFx)

SSHRC Small Institution Grant (2017-2018) \$2,448, It's not about whether they're going to lose, it's whether we help them learn: Examining parents' roles in fostering resilience in their kids through sport growth programming. Role: Primary Investigator



Awards

Outstanding Volunteer Award (2017), Heart and Stroke Nova Scotia

Student Supervision

Masters – 4

Honours – 3

Second Reader Honours – 1

Other

Direct Reading/Independent Study – 3

Janna Wentzell

Presentations

Caregivers Support Group – Sydney NS September 2017

Caring for the Caregiver Conference – Summerside PE October 2017

Caregivers to those with Alzheimer's Support group – Windsor NS, March 2018

Professional Service

National Athletic Training Association – Abstract reviewer 2018 Annual General Conference

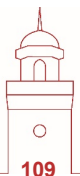
First Aid and CPR Instructor for St. John Ambulance

Community Engagement

St. Margaret's Bay Rails to Trails Lateral Connector chair – increasing Active Transportation links in the community

Research Grants

SSHRC Small Institution Grant (2018-2019) \$2878.00 Understanding burden and burnout in primary caregivers to children and youth with disabilities in comparison to a



matched cohort of caregivers to typically developing children and youth in the Annapolis Valley and surrounding areas of Nova Scotia

Student Supervision

Research Assistants - 3

Other

CSEP Certified Personal Trainers – 9

FACULTY OF PURE AND APPLIED SCIENCE FACULTY ACADEMIC ACHIEVEMENTS

DEPARTMENT OF BIOLOGY

Mike Stokesbury

Refereed Journal Publications

- Logan-Chesney, LM, Dadswell, MJ, Karsten, RH, Wirgin, I, and MJW Stokesbury. 2018. Atlantic sturgeon (*Acipenser oxyrinchus*) surfacing behavior in Minas Basin. *Journal of Fish Biology*, 92:929-943. R
- Mallory, ML, O'Driscoll, NJ, Klapstein, S, *Varela, JL, Ceapa, C, and MJ Stokesbury. 2018. Methylmercury in tissues of Atlantic sturgeon (*Acipenser oxyrinchus*) from the Saint John River, New Brunswick, Canada. *Marine Pollution Bulletin* 126:250-254. R
- *Nau, G S, *Spares, AD, *Andrews, SM, Mallory, ML, McLellan, NR, and MJW Stokesbury. 2017. Body size, experience and sex do matter: Multiyear study shows improved passage rates for alewife (*Alosa pseudoharengus*) through small-scale Denil and pool-and-weir fishways. *River Research and Applications* 33:1472-1483. R
- Lennox, RL, Aarestrup K, Cooke S J, Cowley P D, Deng Z D, Fisk A T, Harcourt R G, Heupel M, Hinch S G, Holland K N, Hussey N E, Iverson S J, Kessel S T, Kocik J F, Lucas M C, Mills Flemming J, Nguyen V M, Stokesbury M J W, Vagle S, VanderZwaag D L, Whoriskey F G, and N Young. 2017. Envisioning the Future of Aquatic Animal Tracking: Technology, Science, and Application. *Bioscience* 67:884-896. R

Presentations

Spares et al. in prep. Tide gates and movement of Alewife.



Student Supervised

Honours: 4

Masters: 4

PhD: 1

N. Kirk Hillier

Refereed Journal Publications

Silver, N., Blatt, S., and Hillier, N.K. Management of *Delia platura* (Diptera: Anthomyiidae) through selectively timed planting of *Phaseolus vulgaris* (Fabaceae) in Atlantic Canada. *In Press, The Canadian Entomologist*.

Little, C., Chapman, T.C. and Hillier, N.K. Effect of colour and contrast on susceptibility of highbush blueberries to infestation by *Drosophila suzukii*. *In Press, Environmental Entomology*.

Isitt, R.L., Huber, D.P.W., Bleiker, K.P., Hillier, N.K. and Pureswaran, D.S. The effect of feeding and mate presence on the pheromone blend of the spruce beetle, *Dendroctonus rufipennis* (Curculionidae: Scolytinae). *In Press, The Canadian Entomologist*.

Faraone, N., MacPherson, S., and Hillier, N.K. Evaluation of repellent and insecticidal properties of a novel granite dust product in crop protection. *Pest Management Science*. <https://doi.org/10.1007/s10340-018-0986-9>.

Kelly, J.A., Cutler, C., Hillier, N.K. 2017. The life history, seasonality and natural enemies of *Aroga trialbamaculella* Chambers (Lepidoptera: Gelechiidae). *Journal of the Acadian Entomological Society* 13: 28-31.

Nelson, T.D., Sweeney, J.D., Hillier, N.K. 2017. Do visual cues associated with larger diameter trees influence host selection by *Tetropium fuscum* (Coleoptera: Cerambycidae)? *The Canadian Entomologist*, 149: 487-490.

Presentations (I = Invited Seminar, Students underlined, * = presenter)

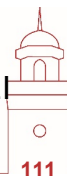
Nelson, T.D., Sweeney, J.D., Hillier, N.K. 2017. Do visual cues associated with larger diameter trees influence host selection by *Tetropium fuscum* (Coleoptera: Cerambycidae)? *The Canadian Entomologist*, 149: 487-490.

Hillier, N.K. 2018. Following your nose: Navigating stress, opportunity and mating. Keynote address, Dalhousie Agriculture Graduate Research Day, Truro, NS (I).

Hillier, N.K. 2018. Evolution of Moth Pheromone Diversity. Entomology Guest Seminar, Department of Biological Sciences, Edmonton, AB (I).

Hillier, N.K. 2017. Integrated Pest Management in Nova Scotia Grapes. Wine Export Workshop: Insights from Japan. Acadia University, Wolfville, NS (I).

Hillier, N.K. 2016. Development of monitoring systems for blueberry pests. Prince Edward Island Wild Blueberry Growers Annual General Meeting, Charlottetown, PEI



(I).

- Hillier, N.K*. 2018. Evolution of Heliothine Moth Pheromone Diversity. International Society for Chemical Ecology, Budapest, Hungary.
- MacPherson S., Faraone N., Hillier N.K*. Evaluation of repellent and insecticidal properties of a novel granite dust product in crop protection. International Society for Chemical Ecology, Budapest, Hungary.
- N Faraone*, MacPherson, S., Lloyd, V., Hillier, N.K. 2018. Olfactory basis of tick behavior and novel repellent development. International Society for Chemical Ecology, Budapest, Hungary.
- N Faraone*, MacPherson, S., Hillier, N.K. 2018. Development of novel tick repellents. Maritime Tick and Tick-Vectored Disease Research Conference, Sackville, NB.
- MacPherson, S.*, N Faraone, Hillier, N.K. 2018. Behavioural investigation of tick (*Ixodes scapularis*) response to essential oils for the development of new repellent products. Maritime Tick and Tick-Vectored Disease Research Conference, Sackville, NB.
- Clarke, R.*, Klapstein, S., Hillier, N.K., O'Driscoll, N. 2018. Water and Sediment Chemistry Influences on Mercury Bioaccumulation in Freshwater Invertebrates from Two Lakes in Kejimikujik National Park, Nova Scotia. 6th Annual Acadia Graduate Student Symposium, Wolfville, NS.
- Sweeney, J.*, Hughes, C., Goodwin, J., Hillier, N.K., Pawlowski, S., Mayo, P., Roscoe, L., Czerwinski, E., Goble, T., Johns, R., Silk, P. 2018. Impact, survey and control of the beech leaf mining weevil, *Orchestes fagi*, an invasive pest of American beech in Nova Scotia, Canada. USDA Interagency Research Forum on Invasive species, Annapolis, MD.
- Goodwin, J.*, Pawlowski, S., Hillier, N.K. and Sweeney, J. 2018. Analysis of multimodal attractiveness cues in the invasive beech leaf mining weevil, *Orchestes fagi* L., in Nova Scotia, Canada. Spray Efficacy Research Group International Workshop, Edmonton, AB.
- Little, C.M.*, Rand, E.*, Dixon, P., Moreau, D., Chapman, T.C., and Hillier, N.K. 2018. FlySpotter: A novel citizen science initiative to identify native and non-crop hosts for *Drosophila suzukii* in the Atlantic Provinces. Scotia Horticulture Congress, Greenwich, NS.
- MacDonald, M.*, Blatt, S., and Hillier, N.K. 2018. Investigating management of *Delia* pests via host phenology shifts. Scotia Horticulture Congress, Greenwich, NS.
- Faraone, N.*, MacPherson, S., and Hillier, N.K. 2018. Inert granite dust for a more sustainable agriculture: a preliminary study. Scotia Horticulture Congress, Greenwich, NS.
- Sweeney, J.*, Hughes, C., Goodwin, J., Hillier, N.K., Pawlowski, S., Roscoe, L., Mayo, P., Czerwinski, E., Goble, T., Johns, R., Silk, P. 2018. European beech leaf mining weevil: a new invasive established in Nova Scotia. Atlantic Canada Forest Health Workshop, Amherst, NS.
- Goodwin, J.*, Pawlowski, S., Hillier, N.K. and Sweeney, J. 2018. Multimodal Attractiveness Cues in the Beech Leaf Mining Weevil, *Orchestes fagi* L., in Nova Scotia, Canada. Atlantic Canada Forest Health Workshop, Amherst, NS.
- Light, M.*, Shutler, D., Cutler, C., and Hillier, N.K. 2017. Management of *Varroa destructor* in western honey bees. Central Ontario Beekeepers Association,



Centerville, ON.

- Light, M.*, Shutler, D., Cutler, C., and Hillier, N.K. 2017. Light, M.*, Shutler, D., Cutler, C., and Hillier, N.K. 2017. Semiochemical control of *Varroa destructor* primary pest of western honey bees. Atlantic Canada Association of Parasitologists AGM, Pictou, NS.
- Hillier, N.K.* , Rizzato, A.R., MacKay, C., McGuire, M., and MacKinnon, S. 2017. Pheromone blend complexity in heliothine moths. European Symposium for Insect Taste and Olfaction, Villasimius, Italy.
- Hillier, N.K.* , Rizzato, R., Gjelaj, E., MacKay, C., and Pawlowski, S. 2017. Pheromone Diversity in Heliothine Moths. International Society for Chemical Ecology Annual Meeting, Kyoto, Japan.
- Collins, A.*, Shutler, D. and Hillier, N.K. 2017. The Acadia Beekeeping Club: A brief history of humble origins through our future plans. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Little, C.M.*, Chapman, T.C. and Hillier, N.K. 2017. Effect of color and contrast on susceptibility of highbush blueberries to infestation by *Drosophila suzukii*. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Little, C.M.*, Dixon, P.L., Moreau, D., Chapman, T.C., and Hillier, N.K. 2017. FlySpotter: A novel citizen science initiative to identify native and non-crop hosts for *Drosophila suzukii* in the Atlantic Provinces. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Goodwin, J.*, Pawlowski, S., Silk, P., Sweeney, J., and Hillier, N.K. 2017. Analysis of multimodal attractiveness cues in the invasive beech leaf mining weevil, *Orchestes fagi* L., in Nova Scotia, Canada. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Faraone, N.* , Macpherson, S. and Hillier, N.K. 2017. Inert granite dust for sustainable agriculture: a preliminary study. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Hillier, N.K.* , Evans, E. and Evans, R.C. 2017. Induced autogamy and reproductive outcomes in *Crocantenum canadense*. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Gjelaj, E.*, Rizzato, R., Easy, R. and Hillier, N.K. 2017. Female Autodetection and Plasticity of Pheromone Response in *Helicoverpa zea*. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Light, M.*, Shutler, D., Cutler, C., and Hillier, N.K. 2017. Semiochemical control of *Varroa destructor* primary pest of western honey bees. Acadian Entomological Society Meeting, Charlottetown, PEI.
- MacDonald, M.*, Hiltz, K., Hillier, N.K., and Blatt, S. 2017. Determination of *Delia* Pest Species in Commercial Onion Crops in Nova Scotia. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Stevenson, M.*, Hiltz, K., Hillier, N.K. and Blatt, S. 2017. Efficacy of entomopathogenic nematodes as a pest management strategy against Carrot Weevil, *Listronotus oregonensis*. Acadian Entomological Society Meeting, Charlottetown, PEI.
- Light, M.*, Shutler, D., Cutler, C., and Hillier, N.K. 2017. Semiochemical control of *Varroa destructor* primary pest of western honey bees. ICE-17, Pennsylvania State University, State College, PA.



reddy Pinnelli, G.*, Hillier, N.K., Lance, D.R., and Plettner, E. 2017. Synthesis and Applications of ^{17}O , ^{18}O & ^2H Labelled (+)-Disparlure, and Their Analogues. 100th Meeting of the Canadian Society of Chemistry, Toronto, ON.

Flinn, A.*, Shutler, D., Hillier, N.K., and Little, C.M. 2017. Alternative management of *Varroa destructor* mites using their odour responses. Canadian Society of Ecology and Evolution, Victoria, BC.

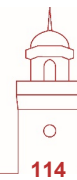
New Funding 2017-2018

2018:

1. Raddall Research Fund, Major Equipment (\$8,500) – Nanodrop Spectrophotometer. PI: A. Walker, with 5 Co-applicants.
2. Canadian National Wheat Cluster (\$468,674) - Pyramiding Oviposition Deterrence and *Sm1* to control Wheat Midge. PI: A. Costamagna with 6 Co-applicants.
3. CanLyme Venture Grants (\$10,000) - Olfactory basis of tick behavior and novel repellent development. PI: Nicoletta Faraone, with 2 Co-applicants.

2017:

4. Saskatchewan Ministry of Agriculture –Agriculture Development Fund (\$50,000) – Quinoa Insect Research. Primary Investigator, Boyd Mori (AAFC), with 3 Co-Applicants.
5. National Research Council Industrial Research Assistance Program (\$3,500) - Nutrilife and crop protection: Innovation comes from natural products. Co-PI with Nicoletta Faraone (PI).
6. Springboard Atlantic – Innovation Mobilization Program (\$15,000) - Patent application support for the Emerald Ash Borer (EAB) analog technology.
7. Arthur Irving Academy Environmental Science Research Awards (\$40,000, over 2 years) –Towards an Understanding of *Crocantthemum canadense* (Rockrose) Biology: A Comparative Analysis of Biotic Challenges and Symbioses Across the Northeastern Range. PI: Rodger Evans, Acadia University, with 2 Co-applicants.
8. National Research Council Industrial Research Assistance Program (\$5,000) - Efficacy testing of AtlanTick body spray as a novel tick repellent. Co-PI with Nicoletta Faraone (PI).



9. Nova Scotia Productivity and Innovation Voucher Program (\$12,500) – AtlanTick Natural Tick Repellent testing. Co-PI with Nicoletta Faraone (PI).
10. Nova Scotia Productivity and Innovation Voucher Program (\$12,500) – Impact of granite dust treatment on subsequent infestation of grapevines with mites. PI: Nicoletta Faraone, and 2 Co-applicants.
11. NSERC Engage (\$24,788) - Development of a pheromone-based monitoring system for the goosefoot groundling moth, a pest of quinoa in western Canada.
12. Raddall Research Fund, Major Equipment (\$3,738) - Gradient thermal cyclers for development of novel primers for gene expression assays and for DNA barcoding biodiversity assays. PI with 3 Co-applicants.
13. Raddall Research Fund, Major Equipment (\$6,000) - Polymerase Chain Reaction (PCR) workstation. PI: R. Easy with 3 Co-Applicants.
14. NSERC Discovery Grant (\$264,000) – Pheromone blend complexity in heliothine moths.
15. NSERC Discovery Accelerator Supplement (\$120,000) – Pheromone blend complexity in heliothine moths.
16. Canadian Foundation for Innovation – John Evans Leadership Fund (\$389,835) - Acadia Quarantine Behavioral Bioassay Facility.
17. NSERC Research Tools and Instrumentation Grant (\$61,738) - Replacement of total mercury in solids analyzer for the analysis of mercury contamination in sensitive ecosystems. Nelson O'Driscoll (Environmental Sciences, Acadia) Primary Applicant with 4 others.
18. NSERC Collaborative Research and Development Program (\$100,000+\$33,000 in-kind) - Insecticidal and behavioral effects of granite dust byproducts.
19. SERG-International (\$4,000) - Effect of dosage and treatment frequency on efficacy of TreeAzin® Systemic Insecticide for protecting foliage from the beech leaf-mining weevil and preventing mortality of American beech in high value urban environments. PI: Dr. Jon Sweeney, CFS + 4 others).
20. Blomidon Naturalists Society Award (\$3,000) – Co-Investigator, with Rodger Evans. Range and effects of induced autogamy on *Crocantthemum canadense* populations in Canada and Northeastern United States.



21. Atlantic Canada Opportunities Agency, Atlantic Innovation Fund (ACOA-AIF; Total value including in-kind: **\$ \$5,753,358**; AIF funding component: **\$ 2,993,531**) – *Project Director*: Hillier, N.K. with 7 Co-applicants. Development and commercialization of naturally-derived semiochemicals for insect pest management.

Awards and honors

- 2018 Invited instructor – International Graduate Course in Insect Chemical Ecology (ICE 18) – SLU, Alnarp, Sweden.
- 2018 Invited participant – Canadian Institutes for Health Research Lyme Disease Research Network Strengthening Workshop, Ottawa, ON.

Students Supervised

BScH	6
MSc	5
PhD (Non-Acadia)	1
PDF	2
Other	11

Phil Taylor

Refereed Journal Publications

- Müller, Florian; Eikenaar, Cas; Crysler, Zoe; Taylor, Philip; Schmaljohann, Heiko. 2018. Do distance and nature of the migration route affect the nocturnal departure timing in a migratory songbird? *Journal of Animal Ecology* 87 (4), 1102-1115.
- Loring, P., R. Ronconi, I. Welch, M. Mallory & P.D. Taylor. 2018. Post-breeding dispersal and staging of Common and Arctic terns throughout the western North Atlantic. *Avian Conservation and Ecology* 12 (2).
- Morbey, Y.L., C.G. Guglielmo, P.D. Taylor, I. Maggini, J. Deakin, S. A. Mackenzie, J. M. Brown, L. Zhao. 2017. An evaluation of sex differences in the stopover behavior and post-departure movements of migratory wood-warblers. *Behavioral Ecology* 29 (1), 117-127.



- Smetzer, JR, DI King, PD Taylor. 2017. Fall migratory departure decisions and routes of blackpoll warblers *Setophaga striata* and red-eyed vireos *Vireo olivaceus* at a coastal barrier in the Gulf of Maine. *Journal of Avian Biology* 48 (11), 1451-1461.
- Brown, J.M. and P.D. Taylor. 2017. Migratory Blackpoll Warblers (*Setophaga striata*) make regional-scale movements that are not oriented toward their migratory goal during fall. *Movement ecology* 5 (1), 15
- Gomez, C, N. Bayly, D.R. Norris, S. Mackenzie, K. Rosenberg, P.D. Taylor, K. Hobson, and C. Cadena. 2017. Fuel loads acquired at a stopover site influence the pace of intercontinental migration in a boreal songbird. *Nature: Scientific Reports*. [Paper #SREP-17-03824A
- Taylor, P. D., T. L. Crewe, S. A. Mackenzie, D. Lepage, Y. Aubry, Z. Crysler, G. Finney, C. M. Francis, C. G. Guglielmo, D. J. Hamilton, R. L. Holberton, P. H. Loring, G. W. Mitchell, D. Norris, J. Paquet, R. A. Ronconi, J. R. Smetzer, P. A. Smith, L. J. Welch and B. K. Woodworth. 2017. The Motus Wildlife Tracking System: a collaborative research network to enhance the understanding of wildlife movement. *Avian Conservation and Ecology* 12 (1):8. [online] URL: <http://www.ace-eco.org/vol12/iss1/art8/>
- Toews DPL, Delmore KE, Osmond MM, Taylor PD, Irwin DE. 2017. Migratory orientation in a narrow avian hybrid zone. *PeerJ* 5:e3201 <https://doi.org/10.7717/peerj.3201>
- Walker, J. P.D. Taylor. 2017. Using eBird data to model population change of migratory bird species. *Avian Conservation and Ecology* 12(1):4. <https://doi.org/10.5751/ACE-00960-120104>
- Eikenaar, C., F. Müller, C. Leutgeb, S. Hessler, K. Lebus, P.D. Taylor, H, Schmaljohann. 2017. Corticosterone regulates timing of migratory departure in a songbird. *Proceedings of the Royal Society B*. 284 (1846). RSPB-2016-2300.

Research Grants

2018 – 25.55 – IPSP tags 4K

2017 – New Brunswick Wildlife Trust Fund – Tara Imlay – 22K

2017 – Molson Foundation – 25K – Drone-based radio telemetry

2017 – Environment Canada – 5K database of Blackpoll warbler demography

2017 – Environment Canada - analysis of ebird data #2 – 40K?

2017 – Thomas Raddall Fund – 7.5K

2017 – OERA – 20K



Students Supervised

BSc. 1

MSc. 3

Research Associate: 2

Trevor Avery

Refereed Journal Publications

- Reinhartsen, M and Avery, T.S., Common issues and common goals: Increasing collaboration in habitat resource conservation. 12th Bay of Fundy Science Workshop, 9-13 May 2018, Truro, Nova Scotia. (presentation)
- Dort, H., Avery, T.S., and Easy, R. Identification of protein biomarkers in epidermal mucus of Striped Bass (*Morone saxatilis*) as a consequence of angling stress. Canadian Society of Zoologists, 7-11 May 2018, Memorial University, St. John's, NL. (poster)
- Dort, H., Avery, T.S., and Easy, R. Identification of protein biomarkers in epidermal mucus of Striped Bass (*Morone saxatilis*) as a consequence of angling stress. Science Atlantic Aquaculture and Fisheries Conference, 9-11 March 2018, St. John's, NL. (presentation)
- Nilsen, B., Reid, D., and Avery, T.S., Fish movement patterns and habitat suitability in Kejimikujik National Park and National Historic Site. Science Atlantic Aquaculture and Fisheries Conference, 9-11 March 2018, St. John's, NL. (presentation)
- Dort, H., Avery, T.S., and Easy, R. Identifying Changes in Epidermal Mucus Proteins of Striped Bass (*Morone saxatilis*) as a Consequence of Angling Stress. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- O'Halloran, L., Auton, G., Quinn, D., Carmichael, E., and Avery, T.S., Using angler surveys to inform Striped Bass catch reporting. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- Reinhartsen, M and Avery, T.S., Hot, sour and breathless: Cooperative approaches to local fisheries management in combating anthropogenic climactic changes in our oceans. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- Yang, Zhe, Campbell, L., Stanley, R., and Avery T.S. Connecting ecological dots using dients and contaminants in Striped Bass in Minas Basin. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)

Presentations



Avery*, T.S., Invasive koi and goldfish in Nova Scotia. Sheldon MacLeod Show, Halifax News 95.7 Radio, 24 April 2018

Avery*, T.S. Striped Bass in Atlantic Canada: Research and Community. Halifax Wildlife Association, 18 April 2018, Halifax, NS (Invited presentation)

Avery*, T.S., Using Citizen Science for conservation monitoring and stewardship in recreational fisheries. Striped Bass Association, Annual General Meeting, 28 March 2018, Stewiacke, NS

Avery*, T.S. Integrated Population Models. FERN Connector Event, 13 December 2017, Acadia University, Wolfville, NS

Avery*, T.S. Understanding the World through R. Refresh Annapolis Valley, 8 November 2016, Wolfville, NS

O'Halloran*, L. and Avery, T.S. Striped Bass population characteristics research in Minas Basin. Nova Scotia Federation of Anglers and Hunters Annual General Meeting, 2017, Bridgewater, NS

O'Halloran*, L. and Avery, T.S. Striped Bass population characteristics research in Minas Basin. Striped Bass Association Annual General Meeting, 30 March 2017, Stewiacke, NS

Student Supervised

Honours: 2
MSc: 3
PhD 1

Russell Easy

Papers

Leis, E., Easy R., Cone D. 2018. Supplemental diagnosis of *Gyrodactylus fairporti* VanCleave, 1921 (Monogenea) from 1 month old black bullhead (*Ameiurus melas*) in riverside pools in Wisconsin. *Parasitology Research*. 117(4): 1265-1269.

Leis, E., Easy R., MacLean L., Cone D. 2018. *Ligictaluridus michalorum* n. sp. (Monogenea: Ancyrocephalidae) from flathead catfish (*Pylodictis olivaris*) in the upper Mississippi River, including remarks on taxonomy influencing monogenean treatment regulation in the United States. *Trends in Parasitology. Parasitology Research*. 117(3): 825-830.

Presentations

- i. Hillary Dort, Trevor Avery, Russell Easy. (2018). Identification of Protein Biomarkers in Epidermal Mucus of Striped Bass (*Morone saxatilis*) as a Consequence of Angling Stress. Canadian Society of Zoology. St. Johns, NFLD.
- ii. Alexandra Brown, Russell Easy. (2018). A phylogenetic classification of Nova Scotian longfin squid species (*Doryteuthis pealeii*). Science Atlantic. St. Johns, NFLD.



- iii. Emma Blanche, Russell Easy, Sophie Cardinal. (2018). Viral spread of Black Queen Cell Virus in managed and wild bees in Canada. Science Atlantic. St. Johns, NFLD.
- iv. Cooper Coats, Don Miller, Brian Wilson, Russell Easy. (2018). Anthracycline-induced cardiotoxicity (ACT) prevention using RARg-agonists in a zebrafish model. Science Atlantic. St. Johns, NFLD.
- v. Makenzie Branch, Russell Easy, David Langelaan. (2018). Characterizing the oncogenic protein-protein interaction between the microphthalmia associated transcription factor and CBP/p300. Science Atlantic. St. Johns, NFLD.

Hillary Dort, Trevor Avery, Russell Easy. (2018). Identification of Protein Biomarkers in Epidermal Mucus of Striped Bass (*Morone saxatilis*) as a Consequence of Angling Stress. Science Atlantic. St. Johns, NFLD.

Students Supervised

Honours: 6

Rodger Evans

Papers

Colwell, MJ, GR Williams, RC Evans, and D Shutler. 2017. Honey bee-collected pollen in agro-ecosystems reveals diet diversity, diet quality, and pesticide exposure. Ecology and Evolution; 1-12. (DOI: 10.1002/ece3.3178). "R"

Presentations

O'Halloran*, L. and Avery, T.S. Striped Bass population characteristics research in Minas Basin. Striped Bass Association Annual General Meeting, 30 March 2017, Stewiacke, NS

Hillier NK, E Evans, and RC Evans. In Review. Previously Undocumented Florivory Strategy Increases Autogamous Reproduction by Decreasing Outcrossing in a Dimorphic Cleistogamous Species. Scientific Reports: Nature Research.

Heo, K, G Gibson, and RC Evans. In Review. Effects of Bisphenol A and Folic Acid on Growth, Reproductive Development, and DNA Methylation in Snapdragons (*Antirrhinum majus*). Botany.

Young, AP, RC Evans, R Newell, and AK Walker. In Review. Development and optimization of a DNA barcoding protocol for fungal specimens from the E.C. Smith Herbarium (ACAD). Northeast Naturalist.



E Evans and RC Evans. Floral ontogeny and reproductive biology of a dimorphic cleistogamous species, *Crocianthemum*

Students Supervised

Honours: 1

Glenys Gibson

Papers

MacDonald and Gibson, 2018, Methionine and developmental plasticity, Canadian Society of Zoologists, MUN.

Haskett and Gibson, 2018, Effects of suspended sediment on marine invertebrates, Canadian Society of Zoologists, MUN.

Poster

O'Brien and Gibson, 2018, Effects of BPA and BPS on regeneration and DNA methylation, Canadian Society of Zoologists, MUN.

Attendance and session chair: June, 2018

Atlantic Canada Developmental Biology Symposium, Dalhousie University

Funding

NSERC DG (final year), \$22k developmental plasticity

Raddall Grant, with Laura Ferguson, \$8000, microplastics, microanatomy and microbiome.

Arthur Irving Grant (\$20k/ year for two years), recruitment of marine invertebrates.

Students Supervised

Honours 3

MSc 1

Mark Mallory

Publications

Loring, P., R. A. Ronconi, L. J. Welch, P. D. Taylor, and M. L. Mallory. 2017. Post-breeding dispersal and staging of Common and Arctic terns throughout the western North Atlantic. *Avian Conservation and Ecology*, 12(2):20.
<https://doi.org/10.5751/ACE-01086-120220>.

Mallory, C. D., H. G. Gilchrist, G. J. Robertson, J. F. Provencher, B. M. Braune, M. R. Forbes, and M. L. Mallory. 2017. Hepatic trace element concentrations of breeding female common eiders across a latitudinal gradient in the eastern Canadian Arctic. *Marine Pollution Bulletin* 124: 252-257.



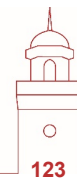
- MacDonald, R. W., and M. L. Mallory. 2017. The estuaries and passages of Canada's Arctic Archipelago in a time of change. Pp. 194-199 in Tortell, P. (ed.), *Reflections of Canada: illuminating our biggest possibilities and challenges at 150 years*. Peter Wall Institute for Advanced Studies, Vancouver, BC. 304 pp.
- Nisbet, I. C., D. V. Weseloh, C. E. Hebert, M. L. Mallory, A. F. Poole, J. C. Ellis, P. Pyle, and M. A. Patten. 2017. Herring gull (*Larus argentatus*). *The Birds of North America* (P. G. Rodewald, Ed.). Ithaca: Cornell Lab of Ornithology. Retrieved from the Birds of North America Online: <https://birdsna.org/Species-Account/bna/species/hergul>
- Nau, G. S., A. D. Spares, S. N. Andrews, M. L. Mallory, N. R. McLellan, and M. J. W. Stokesbury. 2017. Body size, experience, and sex do matter: Multiyear study shows improved passage rates for alewife (*Alosa pseudoharengus*) through small-scale Denil and pool-and-weir fishways. *River Research and Applications* 33: 1472-1483.
- Robertson, G. J., M. Tomlik, G. R. Milton, G. J. Parsons, and M. L. Mallory. 2017. Increases in the number of American black ducks wintering in Nova Scotia, 1970-2015. *Journal of Fish and Wildlife Management*, <http://www.fwspubs.org/doi/abs/10.3996/032017-JFWM-031?code=ufws-site>
- English, M., G. J. Robertson, L. E. Peck, and M. L. Mallory. 2017. Agricultural food resources and the foraging ecologies of American black ducks (*Anas rubripes*) and Mallards (*Anas platyrhynchos*) at the northern limits of their winter ranges. *Urban Ecosystems* 20: 1311-1318.
- Kuletz, K., M. Mallory, G. Gilchrist, G. Robertson, F. Merkel, B. Olsen, E. Hansen, M. Rönkä, T. Anker-Nilssen, H. Strøm, S. Descamps, M. Gavrilov, R. Kaler, D. Irons, and A. Below. 2017. Seabirds. Chapter 3.5 in State of the Arctic marine biodiversity report. Conservation of Arctic Flora and Fauna, Akureyri, Iceland. pp. 147-167.
- Dunnington, D. W., H. White, I. S. Spooner, M. L. Mallory, C. White, N. J. O'Driscoll, and N. R. McLellan. 2017. A paleolimnological archive of metal sequestration and release in the Cumberland Basin Marshes, Atlantic Canada. *FACETS* 2: 440-460. doi:10.1139/facets-2017-0004
- Pratte, I., G. J. Robertson, and M. L. Mallory. 2017. Four sympatrically-nesting auks show clear resource segregation in their foraging environment. *Marine Ecology Progress Series* 572: 243-254.
- Descamps, S., T. Anker-Nilssen, R. Barrett, D. Irons, F. Merkel, G. Robertson, N.G. Yoccoz, D. Boertmann, S. Christensen-Dalsgaard, K.E. Erikstad, M. Gavrilov, H.G. Gilchrist, A.L. Labansen, S.H. Lorentsen, M.L. Mallory, W. Montevecchi, A. Mosbech, B. Olsen, A. Petersen, J.-F. Rail, H. Renner, H. Strøm, G.H. Systad, and S.I. Wilhelm. 2017. Circumpolar dynamics of a marine top-predator track ocean warming rates. *Global Change Biology* 23: 3770-3780.



- Pratte, I., K. A. Boadway, S. E. Davis, M. Maftei, and M. L. Mallory. 2017. Diet dichotomy between two migrant seabirds breeding near a high Arctic polynya. *Royal Society Open Science* 4: 160982.
- Mallory, M. L., K. A. Boadway, S. D. Davis, M. Maftei, and A. W. Diamond. 2017. Breeding biology of Arctic terns (*Sterna paradisaea*) in the Canadian high Arctic. *Polar Biology* 40: 1515-1525.
- Houle, K., M. D. B. English, J.-P. L. Savard, M. L. Mallory, J.-F. Giroux, and S. R. Craik. 2017. Food habits of flightless female American eiders (*Somateria mollissima dresseri*) in Quebec, Canada. *Northeastern Naturalist* 24: 165-172.
- Poon, F. E., J. F. Provencher, M. L. Mallory, B. M. Braune, and P. A. Smith. 2017. Levels of ingested plastic vary across species in eastern Canadian Arctic seabirds. *Marine Pollution Bulletin* 116: 517-520.
- Leblanc, N. M., D. T. Stewart, S. Palsson, M. F. Elderkin, G. Mittelhauser, S. Mockford, J. Paquet, G. J. Robertson, R. W. Summers, L. Tudor, and M. L. Mallory. 2017. Phylogeographic analysis of purple sandpipers (*Calidris maritima*) as revealed by mitochondrial DNA and microsatellites. *Ecology and Evolution* 7: 3225-3242.
- Braune, B. M., and M. L. Mallory. 2017. Declining trends of polychlorinated dibenzo-p-dioxins, dibenzofurans and non-ortho PCBs in Canadian Arctic seabirds. *Environmental Pollution* 220: 557-566.
- Hargan, K. E., N. Michelutti, K. Coleman, C. Grooms, J. M. Blais, L. E. Kimpe, H. G. Gilchrist, M. L. Mallory, and J. P. Smol. 2017. Cliff-nesting seabirds influence productivity and sediment chemistry of lakes situated above their colony. *Science of the Total Environment* 576: 85-98.

Papers and attendance at professional meetings and seminars

- Foster, K. L., B. M. Braune, A. J. Gaston, and M. L. Mallory. 2017. Climate influence on legacy organochlorine pollutants in Arctic seabirds. Oral presentation, SETAC North America 38th Annual Meeting, Minneapolis Convention Centre, Minneapolis, MN.
- Foster, K. L., B. M. Braune, A. J. Gaston, and M. L. Mallory. 2017. Climate variability and mercury levels in eggs of Arctic seabirds. Poster presentation, SETAC North America 38th Annual Meeting, Minneapolis Convention Centre, Minneapolis, MN.
- O'Driscoll, N.J., J. C. Kickbush, S. Klapstein, J. Murimboh, J. Rand, and M. Mallory. 2017.
- Mercury speciation and distribution in Big Meadow Bog, Briar Island. Oral presentation, Annual Meeting of Canadian Land Reclamation Association (CLRA). October 5, 2017.



Foster, K. L., B. Braune, A. J. Gaston, and M. L. Mallory. 2017. Climate variability and mercury levels in eggs of Arctic seabirds. Oral presentation, 13th International Conference on Mercury as a Global Pollutant, Rhode Island Convention Center, Providence, Rhode Island, USA, 16-21 July 2017.

Bustamante, P., D. Evers, B. Braune, I. Stenhouse, M. Mallory. 2017. Using seabirds as biomonitors of temporal and spatial trends of mercury for the Minamata Convention.

Poster presentation, 13th International Conference on Mercury as a Global Pollutant, Rhode Island Convention Center, Providence, Rhode Island, USA, 16-21 July 2017.

Mallory, M.L. 2017. Looking out and looking in: behavioural and chemical connectivity of marine and terrestrial habitats mediated by seabirds. Oral presentation, invited lecture, Dalhousie University Biology Speaker Series, 23 March 2017.

Provencher, J. F., S. B. Borrelle, S. Avery-Gomm, and M. L. Mallory. 2017. Marine plastic pollution and seabirds: the need for moving beyond reporting ingestion levels to standardized techniques and approaches to determine biological effects. Poster presentation, 2017 Pacific Seabird Group Annual Meeting, Tacoma, Washington, 22-25 February 2017.

Presentations

Mallory, M. L. 2017. Introduction to Arctic seabirds of the Northwest Passage. Invited Lecture, Adventure Canada Cruise, 27 August 2017.

Mallory, M. L. 2017. Contaminants in Arctic seabirds: still a big issue. Invited Lecture, Adventure Canada Cruise, 29 August 2017.

Funding

CRC core funding - \$20K annually
 NSERC Discovery Grant - \$40k/yr for 5 years (last year was 1st year)
 NSERC Northern Research Supplement - \$23k/year for 5 years (last year was 15th year)
 Nova Scotia Habitat Conservation Fund - \$6K
 Environment Canada - \$30K for at-sea research
 Environment Canada - \$30K for Country Island research
 Ducks Unlimited/Acadia Partnership - \$10K for wetland research
 Northern Contaminants Program - \$41K for contaminant research
 Natural Resources Canada PCSP - \$28K for Arctic logistic support
 MITACS (Co-PI) – \$670K over 3 years for Arctic research
 Canadian High Arctic Research Station (co-PI) - \$700K over 3 years for Arctic research

Students Supervised

Honours 1



Steve Mockford

Funding

Habitat Stewardship Fund ECCC, year two of three years, \$71,144
Acadia First Nations – using environmental DNA to identify Ribbonsnake Habitat.
\$15,000

Presentations

Delivered three talks at the MTRI annual science meeting:
Life history and identification of salamanders in NS
Life history and identification of frogs in NS
Life history and identification of turtles in NS

Dave Stutler

Refereed publications

Holland ER^{Hons}, Shutler D, 2018. Nest feathering responses by Tree Swallows (*Tachycineta bicolor*) to experimental manipulation of temperature and clutch size. *J Ornithol JORN-D-17-00221 accepted 14 May 2018*.

Pollet IL, Shutler D, 2018. Leach's Storm-Petrel population trends on Bon Portage Island, Canada. *Seabird accepted 19 Apr 2018*.

Clark RG, Winkler DW, Dawson RD, Shutler D, Hussell DJT, Lombardo MP, Thorpe PA, Dunn PO, Whittingham LA, 2018. Geographic variation and environmental correlates of apparent survival rates in adult tree swallows *Tachycineta bicolor*. *J Avian Biol JAV-01659R2 accepted 13 Apr 2018*.

Knight SM and 26 others, 2018. Constructing and evaluating a continent-wide migratory songbird network across the annual cycle. *Ecol Monogr ECM17-0036R2 accepted 30 Jan 2018*.

Hedd A, **Pollet IL^{PhD}**, Mauck RA, Burke CM, Mallory ML, McFarlane Tranquilla LA, Montevecchi WA, Robertson GJ, Ronconi RA, Shutler D, Wilhelm SI, Burgess NM, 2018. Foraging areas, offshore habitat use and colony overlap by incubating Leach's storm-petrels *Oceanodroma leucorhoa* in the Northwest Atlantic. *PLoS One 13(5):e0194389 OA*.

Thomas LR & 44 others; I am among 152 in "Earth Microbiome Project Consortium" the 44th author, 2017. A communal catalogue reveals Earth's multiscale microbial diversity. *Nature 551:457–463*.

Colwell MJ^{MSc}, **Williams GR^{PhD}**, Evans RC, Shutler D, 2017. Nutrition and pesticide content of honey bee-collected pollen. *Ecol Evol 7:7243–7253*.



Funding

2018 - '19	2555, Tradeoffs in parental investment for tree swallows \$4000
2018 - '19	NS Habitat Conservation Fund, Coyote condition \$10,500
2018 - '19	NS Habitat Conservation Fund, Tree swallow habitat choice \$8000

Students Supervised

Honours	3
Masters	4

Todd Smith

Publications

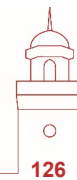
Forzán MJ, **Smith TG**, Vanderstichel RV, Hogan NS, Gilroy CV. **2017**. Haematological reference intervals for *Rana sylvatica* (*Lithobates sylvaticus*) and effect of infection with Frog Virus 3 (*Ranavirus* sp, Iridoviridae). *Veterinary Clinical Pathology* **45**: 430-443. (R)

Presentations

Bullock CH*, Ferguson LV, Easy RH, **Smith TG**. **2017**. The role of the skin microbiome in the attraction of mosquitoes (*Culex territans*) to green frogs (*Rana clamitans*) infected with *Hepatozoon* blood parasites. Annual meeting of the Atlantic Canada Association of Parasitologists, October 20-22. Customs House Inn, Pictou, Nova Scotia.

Prescott AE*, Ferguson LV, Gibson GD, **Smith TG**. **2017**. Too much of a good thing: does overactive immunity kill mosquitoes (*Culex territans*) infected with *Hepatozoon* blood parasites from green frogs (*Rana clamitans*)? Annual meeting of the Atlantic Canada Association of Parasitologists, October 20-22. Customs House Inn, Pictou, Nova Scotia.

Smith TG. **2018**. "*Hepatozoon* blood parasites in frogs and mosquitoes: host specificity, cryobiology and immunity." Department of Biology Seminar Series, December 2. Acadia University, Wolfville, Nova Scotia.



Bullock CH*, Ferguson LV, Easy RH, **Smith TG. 2018.** Role of the skin microbiome in the attraction of mosquitoes (*Culex territans*) to green frogs (*Rana clamitans*) infected with *Hepatozoon* blood parasites. Annual meeting of the Canadian Society of Zoologists, May 7-11, Memorial University of Newfoundland, St John's, Newfoundland and Labrador.

Prescott AE*, Ferguson LV, Gibson GD, **Smith TG. 2018.** Immunity and pathology of mosquitoes, *Culex territans*, infected with *Hepatozoon* species from the blood of green frogs, *Rana clamitans*. Annual meeting of the Canadian Society of Zoologists, May 7-11, Memorial University of Newfoundland, St John's, Newfoundland and Labrador.

Students Supervised

Honours 5

Don Stewart

Publications

Chase EE, Robicheau BM, Veinot S, Breton S, Stewart DT. 2018. The complete mitochondrial genome of the hermaphroditic freshwater mussel *Anodonta cygnea* (Bivalvia: Unionidae). BMC Genomics 9(1): 221. doi: 10.1186/s12864-018-4583-3. **R**

Renaut S, Guerra D, Hoeh WR, Stewart DT, Bogan A, Ghiselli F, Milani L, Passamonti M, Breton S. 2018. Hybrid de novo assembly of the draft genome of the freshwater mussel *Venustaconcha ellipsiformis* (Bivalvia: Unionida). bioRxiv 265157; doi: <https://doi.org/10.1101/265157>

Stewart DT, Rice A, Sinclair-Waters M, Bunker R, Robicheau B, Breton S. 2018. The distribution of male-transmitted mitochondrial DNA polymorphisms in *Mytilus edulis* mussels in south-western Nova Scotia. Canadian Journal of Zoology, doi.org/10.1139/cjz-2017-0212 **R**

Robicheau B, Chase E, Hoeh WR, Harris JL, Stewart DT, Breton S. 2018. Using the novel mitochondrial protein-coding genes f-orf and m-orf for species identification in freshwater mussels (Bivalvia: Unionoida) - a case study in the subfamily Ambleminae. Submitted to PeerJ **R**

Breton S, Bouvet K, Auclair G, Ghazal S, Sietman BE, Johnson N, Bettinazzi S, Stewart D, Guerra D. 2017. The extremely divergent maternally- and paternally-transmitted mitochondrial genomes are co-expressed in somatic tissues of two freshwater mussel species with doubly uniparental inheritance of mtDNA. PLOS 1. 12(8): e0183529. **R**



Capt C, Renaut S, Ghiselli F, Milani L, Johnson N, Sietman BE, Stewart DT, Breton S. 2017. Deciphering the link between doubly uniparental inheritance of mtDNA and sex determination in bivalves: clues from comparative transcriptomics. *Genome Biology and Evolution*: GBE-171124 **R**

Renaut S, Guerra D, Hoeh WR, Stewart DT, Bogan A, Ghiselli F, Milani L, Passamonti M, Breton S. 2018. Hybrid de novo assembly of the draft genome of the freshwater mussel *Venustaconcha ellipsiformis* (Bivalvia: Unionida). bioRxiv 265157.

Conference presentations

Stewart DT (presenter), Breton S, Hoeh WR, Robicheau B*, Chase E. 2017*.

Potential implications of invasive species on reproductive strategies of freshwater mussels: molecular evolutionary considerations. 2nd Congress on the Biodiversity and Conservation of Nature. 27-30 September 2017, Almeria, Spain.

***Scott B**, Stewart DT, Bondrup-Nielsen S. 2018. Assessing Nova Scotia Black Bear (*Ursus americanus*) population connectivity for improved management and conservation. Canadian Society of Zoologists Annual Meeting, St. John's Newfoundland, 9 May 2018.

***Chase EE**, *Robicheau BM, Breton S, Stewart DT. 2018. Do evolutionary rates of molecular evolution differ between hermaphroditic and gonochoristic species in freshwater mussels (order Unionoida)? Canadian Society of Zoologists Annual Meeting, St. John's Newfoundland, 9 May 2018.

Funding

2018-2023. NSERC Operating Grant. Title: Molecular evolution and ecological adaptation of male- and female-transmitted mtDNA genomes in bivalves. \$40,000/year

2013-2018. NSERC Operating Grant. Title: Molecular evolution and ecological adaptation of gender-associated mt genomes in bivalves. \$27,000/year

2018-2019. Nova Scotia Habitat Conservation Fund. Genetic analyses of population structure of Black Bears in Nova Scotia. \$15,000.00, with Dr. Soren Bondrup-Nielsen.

2018. Industrial Research Assistance Program (IRAP). Population Genetic analysis of sea cucumber (with Ocean Pride Ltd.). \$5000.

2018-2019. Acadia University Article 25.55 Funding. Development of new genetic tools for studying population genetic structure of Nova Scotia Black Bears. \$4000.

Students Supervised



Honours	3
Masters	1

Allison Walker

Publications

Minoshima A, Walker DM, Takemoto S, Hosoya T, **Walker AK**, Ishikawa S, Hirooka Y. Pathogenicity and taxonomy of *Tenuinomonia styracis* gen. et sp. nov, a new monotypic genus of Gnomoniaceae on *Styrax obassia* in Japan. Mycoscience (accepted with minor revisions May 2018)

d'Entremont, T. W., López-Gutiérrez, J. C., **Walker AK**. 2018. Examining Arbuscular Mycorrhizal Fungi in Saltmarsh Hay (*Spartina patens*) and Smooth Cordgrass (*Spartina alterniflora*) in the Minas Basin, Nova Scotia. Northeastern Naturalist 25(1): 72-86. (R)

Moland S, Robicheau BM, Newell R, Browne R, **Walker AK**. 2018. Determining the effects of biochar and an arbuscular mycorrhizal inoculant on the growth of fowl mannagrass (*Glyceria striata*)(Poaceae). FACETS 3(1): 441-454. (R)

Robicheau BM, Bunbury-Blanchette A, LaButti K, Grigoriev I, **Walker AK**. 2017. The mating-type locus of *Phialocephala scopiformis* confirms ancient homothallism both within the family Vibrissaceae, and prior to the *Phialocephala fortinii* s.l. - *Acephala applanata* species complex division. Fungal Biology 121 (12): 1011-1024. (R)

Walker AK, Vélez P, González MC. 2017. Marine Fungi. In: Encyclopedia of Life Science (eLS). John Wiley & Sons, Ltd: Chichester. DOI: 10.1002/9780470015902.a0027209 (invited book chapter) (R)

Presentations

33rd Annual Great Lakes Mycology Meeting April 28-29 2018, Queen's University Biological Field Station, Chaffey's Lock, ON Fungi from Fundy (oral)

33rd Annual Great Lakes Mycology Meeting April 28-29 2018, Queen's University Biological Field Station, Chaffey's Lock, ON 1 MSc oral presentation; 1 MSc poster presentation, 2 Hons poster presentations

Biofeedback (14-15 Feb 2018) – 3 Hons student talks (Tweedie, Bradbury, Winder)

Science Atlantic Environment – MtA March 11-12 2018 – 2 Hons student posters (Bradbury, Tweedie); 2 research student posters (Adams, Divanli)



SETAC Rome, May 2018. 'Mercury Content of Nova Scotia Lichens' Kapstein S C Saunders, N O'Driscoll, R Cameron, AK Walker. (poster presentation)

Mycological Society of America Annual Meeting, Athens GA USA Aug 2018
'Mercury content of lichens collected across Nova Scotia, Canada'. (oral presentation); 3 student poster presentations (Adams, d'Entremont, Bunbury-Blanchette)

Scotia Horticultural Congress Wolfville, NS Jan 2018 'Fusarium Basal Rot of Onion'
Nov 2017 (Bunbury-Blanchette and Walker)

Funding

Arthur Irving Academy \$20k/yr x 2 years with co PIs Evans and Hillier Biological associations of the rare plant *Crocianthemum canadense* throughout its Northeastern range

Federal student internships from EC -\$35k (2017-2018)

25.55 \$5k Identifying fungi associated with NS grape

NSERC RTI \$14,899 biological safety cabinet

Innovacorp voucher \$25k Fusarium basal rot of onion

Student scholarship funding – d'Entremont 2 yrs x \$20k/yr Irving MSc; Adams

NSERC CGS M \$17,500 (1 yr);

2018 student travel funding for conference attendance in excess of \$2700 from ACSME, ASU and Canadian Phytopathological Society (\$1k to Adele Bunbury-Blanchette)

NSERC Discovery Grant Biodiversity of Marine Fungi \$130,000 2017-2022

Trustees of the Arthur Irving Academy of the Environment Research Grant

'Bioaccumulation of Mercury in Lichens of Nova Scotia' co-PIs Nelson O'Driscoll, John Murimboh (\$40,000) Dec 2016-Dec 2018

Trustees of the Arthur Irving Academy of the Environment Research Grant

'Beneficial fungi and threatened Nova Scotia plants' \$40,000 (co-PIs Browne, Lopez) Dec 2016-Dec 2018

Nova Scotia Strategic Cooperative Education Incentive May-Aug 2018 Biology Research Associate Funding (Co-op student funding for Hannah Machat, Rebecca Dodge, Philicity Byers), \$4,725 each

Growing Forward 2 2016-2018 – Combatting *Fusarium* basal rot of onion in Nova Scotia (\$17,250 received for Year 1; Year 2 \$16,000 received)

InNOVAcorp P & I Voucher \$25,000 Fusarium basal rot of onion Sept 2017 – March 2018

Students Supervised

Honours 3



Masters 1

Brian Wilson

Presentations

Kaiser AM, Gillam HJ, DeAdder NP and BC Wilson. 2018. RXFP3 mediates the neuroprotective effect of H3 relaxin but not H2 relaxin in cultured brain slices deprived of oxygen and glucose. 8th International Conference on Relaxin and Related Peptides, Cabo San Lucas, Mexico

Coats J, Easy R, **Wilson BC** and DW Miller. 2017. Effects of chronic ethanol exposure on spatial learning and blood-brain barrier function in zebrafish. Canadian Society of Pharmacology and Therapeutics, Halifax, NS.

Students Supervised

Honours 4

DEPARTMENT OF CHEMISTRY

Bobby Ellis

Students Supervised

Other Acadia 4

Amitabh Jha

Refereed Journal Publications

Patel, R.,* Santhosh, M., Das, J., Kapoormath, R., Jha, A.,* Kwak, J., Patel, M., Kim, J.H. 2018. Ile-Lys-Val-Ala-Val (IKVAV) peptide for neuronal tissue engineering. *Polymers for Advanced Technologies*, in press.

Bhullar, K. S., Lagaron, N. O., McGowan, E. M., Parmar, I., Jha, A., Hubbard, B. P., Rupasinghe, H. P. V. 2018. Kinase-targeted cancer therapies: Progress, challenges and future directions. *Molecular Cancer*, 17:48. doi: 10.1186/s12943-018-0804-2.

Jha, A.,* Mohapatra, P. P., AlHarbi, S. A., Jahan, N. 2017. *Mini-Reviews in Medicinal Chemistry*, 17, 1425-1434. doi: 10.2174/1389557517666170228114234

O'Brien, M., Weagle, R., Corkum, D., Kuanar, M., Mohapatra, P. P., Jha, A.* 2017. Convenient access to 5-arylisoindolo[2,1-a]quinolin-11(6aH)-ones. *Molecular Diversity*, 21, 455-462.



Mukherjee, C., Mohapatra, P. P., Youssef, D., Jha, A.* 2017. Optical enrichment in enzyme-catalyzed resolution of 1-aryl-2,2-dimethyl-1,3-propanediols. *Canadian Journal of Chemistry*, 95, 1-6.

Presentations

O'Brien, M., Kuanar, M., Weagle, R., Mohapatra, P. P., Jha A.*. Synthesis of 5-Arylisoindolo[2,1-a]quinolin-11(6aH)-ones. Science Atlantic ChemCon May 2017, Memorial University of Newfoundland. [Oral] Won 1st Prize in Organic Division.

Luo, J., Fatma, W., Jha A.* Green synthesis of novel heterosteroids for 2-aminonaphthalenes. Science Atlantic ChemCon June 2018, St Mary's University. [Poster] Won 2nd Prize in Organic Division.

Kaiser, A., Wilson, B., Youssef, D., Jha, A.* Carbocyclic analogs of curcumin as neuroprotecting agents. Science Atlantic ChemCon June 2018, St Mary's University.

Walsh, M., Tantak, M. P., Youssef, D., AlHarbi, S., Mohapatra, P. P., Jha, A.* Synthesis of water soluble curcumin analogs. Science Atlantic ChemCon June 2018, St Mary's University. [Oral]

Gao-Kang, J., Tantak, M. P., Kaiser, A., Walsh, M., Gilbert, D., Strachan, R., Jha, A.* Towards the synthesis of 5,13b-dihydro-9H-benzo[1,2]indolizino[7,8-b]indole-6,9(7H)-diones as alkaloid analogs. Science Atlantic ChemCon June 2018, St Mary's University. [Poster]

Research Grants

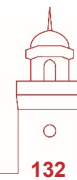
MITACS Accelerate (July 2017 – Feb 2018): \$30,000

Research Contract Paraza Pharma Inc (March 2017 – Feb 2018): \$35,000

NSERC Collaborative Research and Development Grant (August 2017- July 2019) \$70,000.

Students Supervised

BScH	1
MSc	1
Postdoc	2
BSc	9



Matt Lukeman

Publications

O'Driscoll, N. J.; Vost, E.; Mann, E.; Klapstein, S.; Tordon, R.; Lukeman, M. "Mercury photoreduction and photooxidation in lakes: Effects of filtration and dissolved organic carbon concentration", *J. Environ. Sci.*, **2018**, *68*, 151-159.

Presentations

Mollie MacLean, Marc Hetu and M. Lukeman (2018), "Luminescent Properties of Glow-in-the-Dark Pigments" (poster presentation), 43rd Science Atlantic ChemCon, Saint Mary's University, June 8th, 2018.

J. McNutt and M. Lukeman (2018) "Excited State Proton Transfer Reactions in Polyaryl Phenols" (poster presentation), 43rd Science Atlantic ChemCon, Saint Mary's University, June 8th, 2018. *Winner of Best Organic Undergraduate Poster Presentation.*

Lukeman, M. (2017) Invited public lecture at Port Pub and Bistro, The Sky is Falling: Separating Fact from Fiction in Our Chemical World. January 26, 2017.

Research Grants

Acadia Research Fund, \$5k

NRC IRAP, \$5k

Awards

Science Champion Discovery Award – NS Discovery Center

Students Supervised

BScH 1

Other Acadia 4



Anthony Tong

Refereed Journal Publications

Carr Kinnear, E. and Tong, A. Z., An Investigation of Bisphenol A and Phthalates in Tea, Submitted.

McConnell, M. Truelstrup-Hansen, L. Neudorf, K., Hayward, J. Jamieson, R. Yost, C. and Tong, A. Sources of Antibiotic Resistance Genes in a Rural River System, Journal of Environmental Quality, accepted.

Chahine, S. and Tong, A. Z. Characterization of Organic Acids in Various Types of Wine and Impact of Climate, Submitted to Food Chemistry, Submitted.

McConnell, M. Truelstrup-Hansen, L. Neudorf, K., Hayward, J. Jamieson, R. Yost, C. and Tong, A., 2018, Removal of Antibiotic Resistance Genes in Two Tertiary Level Municipal Wastewater Treatment Plants, Science of the Total Environment, 643, 292-300.

Burgos-Lujan, I. and Tong, A. Z. 2018. Treatment of Bean Sprout Production Effluent for Reuse, Environment and Pollution, 7(1), 1-8.

Presentations

Miller, K. and Tong, A. Z., Treatment Efficiency and Stability of Antibiotics in Wastewater, Science Atlantic ChemCon 2018, Halifax, NS, June 08, 2018.

Gjelaj, M. and Tong, A. Z., Characterization of Nova Scotia Grape and Wine, Science Atlantic ChemCon 2018, Halifax, NS, June 08, 2018.

Students Supervised

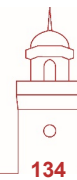
BScH 2

MSc 2

Vlad Zamlynny

Refereed Journal Publications

E.A. Monyoncho, V. Zamlynny, T.K. Woo, E.A. Baranova* "Utility of Polarization Modulation Infrared Reflection Absorption Spectroscopy (PM-IRRAS) in surface and in-situ studies: new data processing and Presentation Approach", Analyst (2018) Accepted. (R)



V. Zamlynny* “The effect of metal surface proximity on the Reflection Absorption Spectroscopy (RAS) signal”, J. Electroanal. Chem. 785 (2017) 80-89. (R).

Non-Refereed Publications and other creative work

“ATR FTIR Analysis of Old Hockey Sticks”. Consulting/assistance project aimed on evaluation of the age of old hockey sticks for a private collector (2017).

“Method for “fingerprinting” of Raman Spectra”. Consulting/assistance project aiding Dr. Christa Brosseau (St. Mary’s U) in developing a simple data processing technique using Excel environment.

“Software for processing Surface Enhanced Raman Spectroscopy data”. Contract with MedMira Inc. Halifax (2017) \$3000. Complete.

Julia Alvarez-Malmagro, Marta Majewska, Vlad Zamlynny*. “PM-IRRAS Setup Alignment Procedure”. Step by step guidelines for PM IRRAS users. A circular for internal use among collaborating research groups in Poland and Spain (2018).

Students Supervised

BScH 0

MSc 0

Non-Acadia 2

DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE

Sandra Barr

Refereed Publications

Barr, S.M., van Rooyen, D. and White, C.E. 2018. Granitoid plutons in peri-Gondwanan terranes of Cape Breton Island, Nova Scotia, Canada: new U-Pb (zircon) age constraints. *Atlantic Geology*, 54:21-80. [R]

Kuiper, Y.D., Thompson, M.D., Barr, S.M., White, C.E., Hepburn, J.C., and Crowley, J.L. 2017. Detrital zircon evidence for Paleoproterozoic West African crust along the eastern North American continental margin, Georges Bank, offshore Massachusetts, USA. *Geology*. 45 (9): 811-814. doi:10.1130/G39203.1 [R]

Palacios, T., Jensen, S., Barr, S.M., White, C.E., and Myrow, P.M. 2017. Organic-walled microfossils from the Ediacaran–Cambrian boundary stratotype section,



Chapel Island and Random formations, Burin Peninsula, Newfoundland, Canada: Global correlation and significance for the evolution of early complex ecosystems. *Geological Journal*, doi 10.1002/gj.2998.[R]

White, C.E., and Barr, S.M. 2017. Stratigraphy and depositional setting of the Silurian–Devonian Rockville Notch Group, Meguma terrane, Nova Scotia, Canada. *Atlantic Geology*, 53: 337-365.[R]

White, C.E., Barr, S.M., and Linnemann, U. 2018. U-Pb (zircon) ages and provenance of the White Rock Formation of the Rockville Notch Group, Meguma terrane, Nova Scotia, Canada: Evidence for the “Sardian gap” and West African origin. *Canadian Journal of Earth Sciences*, in press.[R]

Non-refereed publications

White, C.E., Sombini dos Santos, G., Moning, A.A., Barr, S.M., and van Rooyen, D. in press. Geological and geochronological studies in the Middle River - Leonard MacLeod Brook area, central Cape Breton Island, Nova Scotia. In *Geoscience and Mines Branch, Report of Activities 2016*. Edited by E.W. MacDonald and D.R. MacDonald. Nova Scotia Department of Natural Resources, Report ME 2018.

Vibert, B., Barr, S.M., and White, C.E. in press. Petrology of four drill holes in the Faribault Brook Formation near the Road 2 Showing, western Cape Breton Highlands, Nova Scotia. In *Geoscience and Mines Branch, Report of Activities 2016*. Edited by E.W. MacDonald and D.R. MacDonald. Nova Scotia Department of Natural Resources, Report ME 2018.

Kellett, D.A., Barr, S.M., van Rooyen, D., and White, C.E., 2018. Ar/Ar thermochronology of the Aspy and Bras d’Or terranes, Cape Breton Island, Nova Scotia; in *Targeted Geoscience Initiative: 2017 report of activities, volume 1*, (ed.) N. Rogers; Geological Survey of Canada, Open File 8358, p. 47–49.
<http://doi.org/10.4095/3063911>

Moning, A., Barr, S.M., White, C.E., Sombini dos Santos, G., and van Rooyen, D., 2018. Factors controlling intrusion-related mineralization in Cape Breton Island, Nova Scotia: A comparison of Silurian-Devonian plutons in Ganderia and Avalonia; in *Targeted Geoscience Initiative: 2017 report of activities, volume 1*, (ed.) N. Rogers; Geological Survey of Canada, Open File 8358, p. 31–35.
<http://doi.org/10.4095/306391>

van Rooyen, D., Barr, S.M., and White, C.E. 2018. New U-Pb (zircon and monazite) ages and Sm-Nd isotopic data from granitoid plutons in the Aspy and Bras d’Or terranes of Cape Breton Island, Nova Scotia: Implications for tectonic evolution and mineralization potential; in *Targeted Geoscience Initiative: 2017 report of activities*,



volume 1, (ed.) N. Rogers; Geological Survey of Canada, Open File 8358, p. 37–45.
<http://doi.org/10.4095/306391>

White, C.E., Shute, J.M., Sombini dos Santos, G., Barr, S.M., and van Rooyen, D. Progress report on geological and geochronological studies in the Cheticamp area, Aspy terrane, Cape Breton Island, Nova Scotia. In Geoscience and Mines Branch, Report of Activities 2016. Edited by E.W. MacDonald and D.R. MacDonald. Nova Scotia Department of Natural Resources, Report ME 2017-001, 89-93.

Chew, T.M. and Barr, S.M. Geological setting of mineral occurrences in the Second Gold Brook area, southwestern Cape Breton Highlands, Nova Scotia. In Geoscience and Mines Branch, Report of Activities 2016. Edited by E.W. MacDonald and D.R. MacDonald. Nova Scotia Department of Natural Resources, Report ME 2017-001, 21-25.

Presentations

Barr, S.M., White, C.E., and van Rooyen, D. 2018. Recognizing cryptic orogenic sutures in collisional orogens: the example of Cape Breton Island, Nova Scotia, Canada. In 53rd Northeastern Annual Section Meeting, Burlington, Vermont, March 18–20, 2018. Geological Society of America Abstracts with Programs, 50. doi:10.1130/abs/2018NE-310643 [oral]

White, C.E., Barr, S.M., van Rooyen, D., Shute, J.M., McCarron, T. and Sombini dos Santos, G. (accepted). How geological mapping, petrological studies, and U-Pb (zircon) dating led to recognition of separate Neoproterozoic, Cambrian, Ordovician, and Silurian convergent margin magmatism in western Cape Breton Island, Nova Scotia, Canada. In 53rd Northeastern Annual Section Meeting, Burlington, Vermont, March 18–20, 2018. Geological Society of America Abstracts with Programs, 50. doi:10.1130/abs/2018NE-310665 [poster]

Moning, A., Barr, S.M., White, C.E., and van Rooyen, D. 2018. Factors controlling intrusion-related mineralization in Silurian and Devonian plutons in Cape Breton Island, Nova Scotia - Ganderia vs Avalonia. Prospectors and Developers Association of Canada –Society of Economic Geologists 2018 Student Minerals Colloquium, Toronto. [poster]

Moning, A., Barr, S.M., White, C.E., and van Rooyen, D. 2018. Factors controlling mineralization in Silurian and Devonian plutons in Cape Breton Island, Nova Scotia - Ganderia vs Avalonia. In Atlantic Geoscience Society 44th Annual General Meeting, Program with Abstracts February 2-3, Holiday Inn, Truro, Nova Scotia, p. 39; Atlantic Geology, 54:109-110.

Sombini Dos Santos, G., Barr, S.M., van Rooyen, D., and White, C.E. 2018. The Margaree pluton, Aspy terrane, Cape Breton Island, Nova Scotia: Evidence for Late



Devonian terrane convergence. In Atlantic Geoscience Society 44th Annual General Meeting, Program with Abstracts February 2-3, Holiday Inn, Truro, Nova Scotia, p. 48; Atlantic Geology, 54:119.

Vibert, B.J., White, C.E., and Barr, S.M. 2018. Correlation among four drill holes in the Faribault Brook Formation near the Road 2 showing, western Cape Breton Highlands, Nova Scotia: implications for stratigraphy, structure, and economic mineralization. In Atlantic Geoscience Society 44th Annual General Meeting, Program with Abstracts February 2-3, Holiday Inn, Truro, Nova Scotia, p. 56; Atlantic Geology, 54:127.

2017:

Barr, S.M., van Rooyen, D., Miller, B.V., White, C.E., Johnson, S.C., Mortensen, J.K., and Park, A.F. 2017. Detrital and igneous LA-ICP-MS (zircon) ages from rock units in southern New Brunswick. In Conference Program and Abstract Volume 2016, New Brunswick Exploration, Mining and Petroleum Conference. Nov. 5-7, 2017. New Brunswick Department of Energy and Resource Development, 32-33.

Palacios, T., Jensen, S., Barr, S.M., White, C.E., and Myrow, P.W. 2017. Organic-walled microfossils from the Ediacaran–Cambrian boundary stratotype section, Chapel Island and Random formations, Burin Peninsula, Newfoundland, Canada. International Symposium on the Ediacaran-Cambrian Transition. St. John's, Newfoundland, June 15-29, 2017.

Students Supervised

BScH 1

MSc 4

Alice Cohen

Refereed Publications

Cohen and E. Norman (forthcoming) “Renegotiating the Columbia River

Treaty: Transboundary governance and Indigenous Rights” Global Environmental Politics

Carlson, T. and A. Cohen (2018) “Linking community-based monitoring to

Water policy: Perceptions of citizen scientists”, Journal of Environmental Management 291: 168-177.

A. Cohen 2018 “Why scale matters: borderless water and bordered thinking”



in Oxford Handbook of Water Politics and Policy, edited by Ken Conca and Erika Weinthal.

Conference Presentations

- Biro, A. and A. Cohen (2017) "Organizing Resources: Environmental Politics in Canada". Presented at the Annual Meeting of the Canadian Political Science Association. May 2017, Toronto ON. (Presented by A. Biro)
- Carlson, T. and A. Cohen (2017) "Is Citizen Science Informing Water Policy in Canada?" Presented at Citizen Science 2017, in Minneapolis-St. Paul, MN. (Presented by T. Carlson)

Nelson O'Driscoll

Refereed Journal Publications

- Sizmur, T., O'Driscoll, N.J., Cai, Y. 2018. Preface to JES special issue in mercury biogeochemistry and fate. *Journal of Environmental Sciences*. 68: 1-4.
- Mallory, M.L., Provencher, J.F., Robertson, G.J., Braune, B.M., Holland, E.R., Klapstein, S., Stevens, K., O'Driscoll, N.J. 2018. Mercury concentrations in blood, brain and muscle tissues of wild, coastal birds from northern and eastern Canada. *Ecotoxicology and Environmental Safety*. 157: 424-430.
<https://doi.org/10.1016/j.ecoenv.2018.04.004>
- Kickbush, J., Mallory, M., Murimboh, J., Rand, J., Klapstein, S., Loader, A., Hill, N., O'Driscoll, N.J. 2018. Influence of avian biovectors on mercury speciation in a bog ecosystem. *Science of the Total Environment (Special Issue on Wetlands)*. 637-638: 264-273. <https://doi.org/10.1016/j.scitotenv.2018.04.224>
- Klapstein, S.J., Ziegler, S.E., O'Driscoll, N.J. 2018. Photoreactivity of dissolved organic matter in the lakes of Kejimikujik National Park Nova Scotia: Implications for methylmercury photochemistry. *Journal of Environmental Sciences: Special Issue on Mercury Biogeochemistry*. Accepted (March 8, 2018).
<https://doi.org/10.1016/j.jes.2018.02.025>
- Reinhart, B., Kidd, K., Curry, R.A., O'Driscoll, N.J., Pavey, S. 2018. Mercury in fish and invertebrates along an estuarine salinity gradient. *Journal of Environmental Sciences: Special Issue on Mercury Biogeochemistry*. Accepted (March 6, 2018).
<https://doi.org/10.1016/j.jes.2018.02.024>



- Mann, E., Ziegler, S., Steffen, A. O'Driscoll, N.J. 2018. Increasing chloride concentration causes retention of mercury in melted Arctic snow due to changes in photoreduction kinetics. *Journal of Environmental Sciences: Special Issue on Mercury Biogeochemistry*. Accepted (Feb 2, 2018).
<https://doi.org/10.1016/j.jes.2018.01.006>
- Mallory, M., O'Driscoll, N.J., Klapstein, K., Varela, J.L., Ceapa, C., Stokesbury, M. 2018. Methylmercury in tissues of Atlantic sturgeon (*Acipenser oxyrinchus*) from the Saint John River, New Brunswick, Canada. *Marine Pollution Bulletin*. 126: 250-254. <https://doi.org/10.1016/j.marpolbul.2017.11.024>

In Preparation Publications

- O'Driscoll, N.J., Covelli, S., Aquavita, A. et al. 2019. Dissolved gaseous mercury dynamics in a saline aquaculture facility in the Grado Lagoon. TBD
- Sizmur, T., O'Driscoll, N.J. 2019. Mercury in sediments of a BC Estuary.
- Mallory, M., Klapstein, S., O'Driscoll, N.J. 2019. Mercury in black ducks. TBD
- Carriquiborde, P., Mallory, M., Klapstein, S., O'Driscoll, N.J. 2019. Mercury in the food web of the Uruguay River. TBD.
- Klapstein, S.J., Risk, D., Ziegler, S.E., O'Driscoll, N.J. 2018. Seasonal variations in dissolved organic matter and attenuation in freshwater lakes. *Journal TBD*. In Prep.
- Puga, S., Pereira, P., Pinto-Ribeiro, F. O'Driscoll, N.J., Klapstein, S., Barata, M., Pousão-Ferreira, P., Canário, J., Almeida, A., Pacheco, M. 2018. Genotoxicity of MeHg in fish (levels of MeHg in blood and ENA's). *Journal TBD*. In Prep.
- Puga, S., Pereira, P., Pinto-Ribeiro, F. O'Driscoll, N.J., Klapstein, S., Barata, M., Pousão-Ferreira, P., Canário, J., Almeida, A., Pacheco, M. 2018. Oxidative stress in fish eyes upon MeHg exposure (levels of MeHg in eye wall and oxidative stress endpoints). *Journal TBD*. In Prep.
- Puga, S., Pereira, P., Pinto-Ribeiro, F. O'Driscoll, N.J., Klapstein, S., Barata, M., Pousão-Ferreira, P., Canário, J., Almeida, A., Pacheco, M. 2018. Metabolomic alterations in fish liver after MeHg exposure (metabolome in liver and MeHg levels). *Journal TBD*. In Prep.
- Puga, S., Pereira, P., Pinto-Ribeiro, F. O'Driscoll, N.J., Klapstein, S., Barata, M.,



- Pousão-Ferreira, P., Canário, J., Almeida, A., Pacheco, M. 2018. Selenium dynamics in several target organs of fish upon MeHg exposure. *Journal TBD*. In Prep.
- Carvalho, I., Canário, J., Klapstein, S., Walker, A., Cameron, R., Stevens, K., Tordon, R., O'Driscoll, N.J. (order TBD). 2018. Mercury stability on Usnea lichens; Radiation and temperature controlled experiments. *Environmental Toxicology and Chemistry*. In Prep.
- Kickbush, J., Mallory, M., O'Driscoll, N.J. 2018. Review of mercury cycle and biovectors. *Environmental Reviews*. In Prep.
- Canario, J., Hintelmann, H., O'Driscoll, N.J. 2018. Review of factors affecting mercury speciation in coastal wetlands. *Journal TBD*. In Prep.
- Klapstein, S., Canario, J., O'Driscoll, N.J. 2018. Effects of wetting and drying on avian impacted wetland in Nova Scotia. *Journal TBD*. In Prep.
- O'Driscoll, N.J., Justino, S., Canario, J. 2018. Mercury volatilization from salt marsh plants in the Tagus Estuary. *Bulletin of Environmental Contamination and Toxicology*. In Prep.
- Clarke, R., Hillier, K., Klapstein, S., O'Driscoll, N.J. 2018. Methylmercury accumulation in caddisflies and mayflies in Kejimikujik Park: Relationships with sediment and water mercury speciation. *Environmental Toxicology and Chemistry*. In prep.
- Klapstein, S., Saunders, C., Walker, A., Cameron, R., Murimboh, J., O'Driscoll, N.J. (order TBD). 2018. Spatial distribution of mercury and trace metals adsorbed to epiphytic lichens in Nova Scotia. *Environmental Pollution*. In Prep.
- Christensen, T., O'Driscoll, N.J., Keenan, R., Tordon, R., Klapstein, S., Mann, E. 2018. Temporal trends in photoreducible mercury in freshwater lakes. *Bulletin of Environmental Toxicology and Chemistry*. In prep.

Students Supervised



BScH 1

MSc 2

PDF 1

Peir Pufahl

Refereed Journal Publications

Ó Gogáin, A., Falcon-Lang, H.J., Carpenter, D.K., Miller, R., Benton, M.J., Pufahl, P.K., Ruta, M., Davies, T., Hinds, S.J., Stimson, M.(2016). Fish and tetrapod communities across a marine to brackish salinity gradient in the Pennsylvanian (early Moscovian) Minto Formation of New Brunswick, Canada, and their palaeoecological and paleogeographic implications. *Palaeontology*. 59: 689-724.

Tosca, N.J., Guggenheim, S., Pufahl, P.K.(2016). An authigenic origin for Precambrian greenalite: implications for iron formation and the chemistry of ancient seawater. *Geological Society of America Bulletin*. 128: 511-530.

Students Supervised

BScH 1

MSc 2

PhD 4

PDF 2

Robert Raeside

Refereed Journal Publications

Shawwa, N.A., Raeside, R.P., McMullin, D.W.A., and McFarlane, C.R.M. (2017)

Employing contact metamorphism to assess the conditions of pluton emplacement in

southwestern Kellys Mountain, Cape Breton Island, Nova Scotia. *Canadian Journal of Earth Sciences*, v. 54, p. 1165-1178.



Conference Presentations

Spooner, I., Raeside, R., Duke, D. and Berger, T. (2017) On the trail of the Great Stone Chief. Geological Association of Canada/ Mineralogical Association of Canada, Kingston, Abstracts, v. 40, p. 357

Spooner, I., Raeside, R., Duke, D. and Berger, T. (2017) On the trail of the Great Stone Chief. AGS Colloquium, Fredericton

Ian Spooner

Refereed Journal Publications

2018. *Separating anthropogenic watershed activity using bulk sediment geochemistry*. D. W. Dunnington, I. S. Spooner, C. E. White, W. H. Krkošek, R. J. Cornett, and G. A. Gagnon. Lakes and Reservoir Management. ULRM-2017-0088

2018. *A (mostly) universal storage format for multi-parameter spatiotemporal data*. *D. Dunnington and I. Spooner. FACETS-2017-0026

2018. *Nutrient availability reduced in older rural impoundments in coastal Bay of Fundy, Canada*. *A. L. Loder; M. L. Mallory; I. S. Spooner; *M. Turner; N. R. McLellan. Hydrobiologia. HYDR-D-17-00118.

2017. *Do rural impoundments in coastal Bay of Fundy, Canada sustain adequate habitat for wildlife?* *Loder, A.L., Mallory, M.L, Spooner, I.S. McLellan, N.R., White, C. and Smol, J.P. Wetlands Ecology and Management. 1:1-18

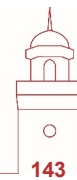
2017. *A paleolimnological archive of metal sequestration and release in the Cumberland Basin Marshes, Atlantic Canada*. *D. Dunnington, *H. White, I. Spooner, M. Mallory, N. O'Driscoll, C. White and N. McLellan. FACETS. 2:440-460

2017. *Late Holocene records of changing moisture regime from wetlands in southwestern Nova Scotia, Canada: implications for wetland conservation and restoration*.

I.S. Spooner, S. Principato, N. Hill, * H. White, *D. Dunnington, T. Neily, and S. Stolze, Northeastern Naturalist. 24:331-338

Submitted and under review

2018 *'Do chemical and physical characteristics of waterbodies predict the occurrence or diversity of larval amphibians in central Ontario, Canada?'* Fresh Water



Biology. A. L. Loder, R. Weeber, S. N. P. Wong, I. S. Spooner and Mark L. Mallory (FWB-P-Jan-18-0051)

2018. *Water chemistry of managed waterfowl wetlands in coastal Bay of Fundy, Canada: Regional comparisons and temporal trends*. A. L. Loder, I. S. Spooner, N. R. McLellan, J. Kurek, A. Hanson, M. L. Mallory. Wetlands Ecology and Management.

2018. *Evaluating the utility of element normalization methods in aquatic sediments*. D. W. Dunnington, I. S. Spooner, C. E. White

Students Supervised

BscH 4

MSc 7

PhD 1

DEPARTMENT OF MATHEMATICS & STATISTICS

Hamed Aly

Other Refereed Publications (conference proceedings)

Ali Fituri, **Hamed H. Aly**, Mo El-Hawary "Effect of Unsteady Waves on Tidal Energy" 18th annual IEEE Canada Electrical Power and Energy Conference, Toronto, Canada, EPEC 2018.

Shadi Shehadah, **Hamed H. Aly** M. El-Hawary "Minimizing CO2 Emissions of PhotovoltaicThermal Model in North America part II" IEEE 31st Annual Conference on Electrical and Computer Engineering, CCECE, Quebec, Canada, 2018.

Ali Fituri, **Hamed H. Aly**, M. El-Hawary "An Overview of Optimization Methods for Tidal Instream and Wind Turbines Farms", 17th Annual Canadian IEEE Conference on Electrical and Computer Engineering, Saskatoon, SK, Canada, 2017.

Shadi Shehadah, **Hamed H. Aly**, M. El-Hawary "Minimizing CO2 Emissions of PhotovoltaicThermal Model in North America" submitted to IEEE Conference on Electrical and Computer Engineering, CCECE Windsor, Canada, 2017.

Ali Fituri, **Hamed H. Aly**, M. El-Hawary "A Comparative Study of on-Site Monitoring System for Tidal/Wind Turbines Farm", Annual Conference of Marine Renewables Canada, Ottawa, Ontario, 2017.

Bader Alluhaida, **Hamed H. Aly**, Mo El-Hawary" A proposed Method for Radiation Forecasting" Submitted to IEEE 32nd Annual Conference on Electrical and Computer Engineering, , Edmonton Alberta, Canada, CCECE 2019.



No. of non-Acadia supervision

PhD students 4 (Dalhousie University)

Trevor Avery

Refereed Journal Publications

Jones, R.W., Coetzee, J.A., Avery, T.S., Weyl, O.L.F., Hill, M.P., and Hill, J.M. 2017
The abundance of an invasive freshwater snail, *Tarebia granifera* (Lamarck, 1822)
in the Nseleni River, South Africa. *African Journal of Aquatic Science* 42(1): 75-81

Presentations

- Reinhartsen, M and Avery, T.S., Common issues and common goals: Increasing collaboration in habitat resource conservation. 12th Bay of Fundy Science Workshop, 9-13 May 2018, Truro, Nova Scotia. (presentation)
- Dort, H., Avery, T.S., and Easy, R. Identification of protein biomarkers in epidermal mucus of Striped Bass (*Morone saxatilis*) as a consequence of angling stress. Canadian Society of Zoologists, 7-11 May 2018, Memorial University, St. John's, NL. (poster)
- Dort, H., Avery, T.S., and Easy, R. Identification of protein biomarkers in epidermal mucus of Striped Bass (*Morone saxatilis*) as a consequence of angling stress. Science Atlantic Aquaculture and Fisheries Conference, 9-11 March 2018, St. John's, NL. (presentation)
- Nilsen, B., Reid, D., and Avery, T.S., Fish movement patterns and habitat suitability in Kejimikujik National Park and National Historic Site. Science Atlantic Aquaculture and Fisheries Conference, 9-11 March 2018, St. John's, NL. (presentation)
- Dort, H., Avery, T.S., and Easy, R. Identifying Changes in Epidermal Mucus Proteins of Striped Bass (*Morone saxatilis*) as a Consequence of Angling Stress. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- O'Halloran, L., Auton, G., Quinn, D., Carmichael, E., and Avery, T.S., Using angler surveys to inform Striped Bass catch reporting. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- Reinhartsen, M and Avery, T.S., Hot, sour and breathless: Cooperative approaches to local fisheries management in combating anthropogenic climactic changes in our oceans. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September 2017, White Point Resort, Nova Scotia. (presentation)
- Yang, Zhe, Campbell, L., Stanley, R., and Avery T.S. Connecting ecological dots using dients and contaminants in Striped Bass in Minas Basin. 43rd Annual Meeting, Atlantic International Chapter – American Fisheries Society, 17-19 September



2017, White Point Resort, Nova Scotia. (presentation)
 Avery*, T.S., Invasive koi and goldfish in Nova Scotia. Sheldon MacLeod Show, Halifax News 95.7 Radio, 24 April 2018
 Avery*, T.S. Striped Bass in Atlantic Canada: Research and Community. Halifax Wildlife Association, 18 April 2018, Halifax, NS (Invited presentation)
 Avery*, T.S., Using Citizen Science for conservation monitoring and stewardship in recreational fisheries. Striped Bass Association, Annual General Meeting, 28 March 2018, Stewiacke, NS
 Avery*, T.S. Integrated Population Models. FERN Connector Event, 13 December 2017, Acadia University, Wolfville, NS
 Avery*, T.S. Understanding the World through R. Refresh Annapolis Valley, 8 November 2016, Wolfville, NS
 O'Halloran*, L. and Avery, T.S. Striped Bass population characteristics research in Minas Basin. Nova Scotia Federation of Anglers and Hunters Annual General Meeting, 2017, Bridgewater, NS
 O'Halloran*, L. and Avery, T.S. Striped Bass population characteristics research in Minas Basin. Striped Bass Association Annual General Meeting, 30 March 2017, Stewiacke, NS

Research Grants

1. Offshore Energy Research Association (OERA): Analysis Framework for Long-term and Cumulative Effects Monitoring–2017 (\$20K)–T.S. Avery (PI)
2. NSERC Discovery Grant: The Effects of Variability in Fisheries Conservation; Citizen Science Monitoring and Modeling–2017 (\$120K over 5 years)–T.S. Avery (PI)
3. Raddall Research Fund in Biology: (Equipment) Weather Monitoring Equipment and DO Meter Repair/Refurbishing–2017 (\$1.4K)–T.S. Avery and students (co-PIs)
4. Baseline Assessment of Commercial, Recreational and Aboriginal (CRA) Fisheries Adjacent to the Avon River Causeway–2017 (\$130K over 2 years; \$381K total project)–T.S. Avery, Darren Porter, Sipekne'katik First Nation (co-PIs)

Number of Students Supervised

PhD (Non-Acadia) – 1

M.Sc. – 4

B.Sc.Honours – 2

Research Topics – 3

Co-op Students – 2



Hugh Chipman

Refereed Journal Publications

Xin, L., Zhu, M. and Chipman, H. "A Continuous-time Stochastic Block Model for Basketball Networks", Annals of Applied Statistics, 11 (2), 553-597,

Presentations

Chipman, H. "An overview of statistical learning" AARMS workshop at Science Atlantic Mathematics, Statistics and Computer Science Conference, October 15, 2017

Chipman, H. "An overview of statistical learning" , Statistical Society of Ottawa Rendez-Vous 3, Sep 22, 2017

General information

Hugh Chipman served as President of the Statistical Society of Canada (2017-18).

Nancy Clarke

Presentations

Plenary speaker at the 2017 Graph Searching in Canada Workshop (GrasCan)
Grenfell Campus, Memorial University, August 8 – 9, 2017

Invited speaker in the Graphs and Games: the Mathematics of Richard Nowakowski
Minisymposium at the 2017 Canadian Discrete and Algorithmic Mathematics
Conference (CanaDAM)
Ryerson University, June 12 – 15, 2017

Skolem Labellings of Graphs with Large Chordless Cycles (contributed talk)
Second Malta Conference in Graph Theory and Combinatorics (MCGTC)
Qawra, Malta, June 26 – 30, 2017

Research Grants

NSERC Discovery Grants – Individual

Title: Some Problems in Graph Theory



\$11000/year for 5 years (2015 – 2016 to 2019 – 2020)

Students Supervised

BScH 1

Masters 1

Caroline Cochran

Refereed Journal Publications

Cochran, C. M., McLenaghan R. G, and R.G. Smirnov. 2017. Equivalence problem for the orthogonal separable webs in hyperbolic 3-space. *Journal of Mathematical Physics* 58, 063513 (47 pages).

Presentations

Fibonacci Numbers, Acadia Middle School Outreach, Acadia University, April 20.

Nim, Acadia Middle School Outreach, Acadia University, April 6.

Pascal's Triangle and Fractals, Acadia Middle School Outreach, Acadia University, February 23.

Toads and Frogs, Acadia Middle School Outreach, Acadia University, January 26.

Pascal's Triangle. Acadia Middle School Outreach, Acadia University, June 13.

Triangular Numbers. Acadia Math Buffet, Acadia University, May 25.

Towers of Hanoi. Acadia Middle School Outreach, Acadia University. May 16.

Toads and Frogs. Acadia Middle School Outreach, Acadia University, May 2.

Awards

Faculty of Science Teaching Award 2018

Students Supervised

BScH 1

Richard Karsten

Refereed Publications

L. M. Logan-Chesney, M. J. Dadswell, R. H. Karsten, I. Wirgin and M. J. W. Stokesbury, 2018, "Atlantic sturgeon *Acipenser oxyrinchus* surfacing behaviour", *Journal of Fish Biology*, Volume 92, Issue 4, doi:10.1111/jfb.13552.



- K.W. Wilcox, J.T. Zhang, I.M. McLeod, A.G. Gerber, T.L. Jeans, J. McMillan, A. Hay, R. Karsten, and J. Culina, 2017, "Simulation of device-scale unsteady turbulent flow in the Fundy Tidal Region", *Ocean Engineering*, 154, 59--76, doi.org/10.1016/j.oceaneng.2017.08.050.
- R. Karsten, T. Roc, J. Culina, M. O'Flaherty-Sproul, and G. Trowse, "High-resolution numerical model resource assessment of Minas Passage, Bay of Fundy," Proceedings of the 12th European Wave and Tidal Energy Conference, August 27 - September 1, 2017, Cork, Ireland.

Non-Refereed Publications

- "Nova Scotia Small Tidal Test Centre: Gap Analysis and Business Case", Shelley MacDougall, Greg Trowse, Darren Hayes, and Richard Karsten. Submitted to: Offshore Energy Research Association of Nova Scotia, April 2018
- "OpenHydro Seabed Motor Trials; Site Evaluation Report", Luna Ocean Consulting Ltd., Acadia Tidal Energy Institute and Cascadia Coast Research Ltd. Submitted to OpenHydro Jan 2018.

Presentations

- "Large-scale Turbulence in Tidal Channels: Modelling and Measurement," CAIMS 2018, Toronto ON, June 6, 2018.
- "Applying mathematics to Tidal Energy," Annual September Meeting of the Irish Mathematical Society, September 1, 2017, Sligo, Ireland.
- "High-resolution numerical model resource assessment of Minas Passage, Bay of Fundy," 12th European Wave and Tidal Energy Conference, August 28, 2017, Cork, Ireland.

Research Grants/Contracts

- "Environmental Monitoring, Modelling and Forecasting Infrastructure for Instream Tidal Energy" CFI Innovation Infrastructure Grant, R. Karsten (Lead), A. Redden, M. Stokesbury, A. Hay, A. Gerber, T. Jeans, J. Hall, L. Zedel, D. Barclay, P. Hill, Oct. 2017, \$1,119,556 .
- "Environmental Monitoring, Modelling and Forecasting Infrastructure for Instream Tidal Energy" Nova Scotia Research And Innovation Trust, R Karsten (Lead), A. Redden, and M. Stokesbury, Nov. 2017, \$153,165 .



"Reducing costs of tidal energy through a comprehensive characterization of turbulence in Minas Passage." OERA and Natural Resources Canada, R. Karsten (Lead), A. Hay, A. Gerber, and T. Jeans, Sept. 2017, \$240,000.

"Nova Scotia Tidal Test Centre: Establishing a Business Case" Shelley McDougall (Lead), Greg Trowse, Darren Hayes, Richard Karsten, funded by OERA, Nov 2017, \$42,800.

MITACS Accelerate Internship for Jeremy Locke; Richard Karsten and FORCE, Jan 2018, \$15,000.

Acadia Students Supervised

BScH 0

MSc 1

Students Supervised Outside at other institutions:

Supervisory Committee Member:

Michael Shives, PhD, Engineering, University of Victoria – defended June 5th 2017

Justine McMillan, PhD, Dalhousie Oceanography – defended June 15, 2017

Colleen Wilson, MSc, Dalhousie Oceanography – defended March 28, 2018

Franklin Mendivil

Refereed Journal Publications

"Stochastic linear optimization under partial uncertainty and incomplete information using the notion of probability multimeasure," Journal of the Operational Research Society (2018) pp 1-8, doi:10.1057/s41274-017-0249-9 (with D. La Torre)

"Fractal Attractors and Singular Invariant Measures in Two-Sector Growth Models with Random Factor Shares," Commun. Nonlinear Sci. Numer. Simul. **58** (2018) pp 185-201 (with D. La Torre, S. Marsiglio and F. Privileggi)

*"An algorithm to construct conformable tubular networks that occupy arbitrary regions in R^3 ," to appear in Applied Math. Modelling (with **W. Jiang**, F. Ghasempour, S. D. Peterson, E.R. Vrscaj)*



“Inverse problems using iterated function systems with place-dependent probabilities,” to appear in Recent Advances in Mathematical and Statistical Methods for Scientific and Engineering Applications (with D. La Torre, E. Maki, E.R. Vrscay)

“Total variation denoising of probability measures using iterated function systems with probabilities,” Proceedings of the International Conference on Mathematical Problems in Engineering, Aerospace and Sciences, AIP Conference Proceedings, 1798, 020091 (2017) doi:10.1063/1.4972683 (with D. La Torre and E.R. Vrscay)

“Constructing tubular networks that occupy arbitrary regions in R^3 ,” Journal of Physics Conference Series, Proceedings of the 9th International Conference on Inverse Problems in Engineering, May 23-26, 2017, Waterloo, ONT (with W. Jiang, F. Ghasempour, S.D. Peterson, E.R. Vrscay)

“Collage Theorem-based Approaches for Solving Inverse Problems for Differential Equations: A Review of Recent Developments,” Physics Conference Series, Proceedings of the 9th International Conference on Inverse Problems in Engineering, May 23-26, 2017, Waterloo, ONT (with H. Kunze, D. La Torre, E.R. Vrscay)

Presentations

“How can a set have dimension 1.58?” Acadia Math Society seminar, Department of Mathematics and Statistics, Acadia, March 9, 2018.

Research Grants

“Geometry of fractals and vector calculus on fractals”, NSERC Discovery Grant, 2012 – 2018, \$60,000

“Classification of prosodic errors of ESL students,” InnovaCorp Productivity and Innovation Voucher Tier II, 2017 (with Fundy Language Analytics) \$25,000

*“AARMS Collaborative Research Groups (CRG): **Iterated Function Systems (IFS), Fractals, Invariant Measures and Applications**,” Atlantic Association for Research in the Mathematical Sciences, 2015-2017 (with S. Islam (UPEI) and T. Taylor (StFX)), \$40,000*

“Design of a New Generation of Conformable High-Pressure Vessels for Gaseous Fuels in Automotive Applications,” NSERC Collaborative Research and Development (CRD) Grant, 2014-2018 (with E.R. Vrscay (PI) and S. Peterson at Waterloo), \$280,000.

Students Supervised



Jianan Peng

Refereed Journal Publications

Peng, J., Liu, W., Bretz, F., Hayter, A. J. (April 2018) Counting by weighing: two-sided confidence intervals. (accepted) *Journal of Applied Statistics*.

Presentations:

FCR Control in Dose-Response Microarray Experiments under Simple Tree Ordering (December 26, 2017), School of Mathematics and Statistics, Hengyang Normal University, China.

Interval estimates for low-dose risk assessment with nonquantal data (December 22, 2017), Department of Statistics, Guangzhou University, China.

Funding

NSERC Discovery Grant 2018-2023. \$15000 per year.

Holger Teismann

Refereed Journal Publications

“Minimal time for the approximate bilinear control of Schrödinger equations.” *Math. Models Appl. Sciences* 41 (2018), 1831-1844. With K. Beauchard and J.-M. Coron.

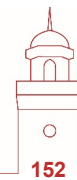
Research Grants

NSERC Discovery Grant – Individual

Title: *Fundamental mechanisms and obstacles in the bilinear control of Schrödinger Equations* \$15000/year for 5 years (2016 – 2020)

Ying Zhang

Refereed Journal Publications



A. Corkum*, P. Cabilio and Y. Zhang (2018). "Nonparametric confidence intervals for location in time series data". *Communications in Statistics - Simulation and Computation*. DOI: 10.1080/03610918.2017.1410710 (R)

Anand, K., Sketris, I., Zhang, Y., Levy, A., and Gambe, JM (2017). The Impact of US FDA and Health Canada Warnings Related to the Safety of High-dose Simvastatin. *Drugs - Real World Outcomes*. (2017) 4: 215. <https://doi.org/10.1007/s40801-017-0116-7> (R)

Khurram Nadeem and **Entao Chen** and Ying Zhang (2018). "A Novel Hierarchical Multinomial Approach to Modelling Age-specific Harvest Data". *Quantitative Methods in Environmental and Climate Research* (Editors: Michela Cameletti and Francesco Finazzi). Accepted. (R)

Presentations

Detection of Trend Onset in Environmental Time Series. The 2018 Joint Statistical Meetings, Vancouver, July 29 to August 2, 2018.

Test for trend in Environmental Time Series Data. The 2018 International Chinese Statistical Association China Conference, Qingdao, Shandong, China July 2 to July 5, 2018.

Modelling interrupted multivariate count time series in medication use research. The 2018 annual meeting of Statistical Society of Canada (SSC), McGill University, Montreal, Québec, June 3, 2018 to June 6, 2018.

Modelling Age-at-harvest Data: Population Simulation Model and Stable Age Distribution Estimation. The 27th Annual Conference of the international Environmetrics Society, July 24 - 31, 2017, Bergamo, Italy.

Monitoring Drug Consumption Rate Using Confidence Intervals for Locations in Time Series Data. International Chinese Statistics Association-Canada Chapter 2017 Symposium, August 18-20, Vancouver. (The trip was cancelled because of the flight cancelation. The presentation abstract information was published online.)

Workshop Organizer

The 2017 AARMS Workshop on Statistical Learning and Health Data Analytics, a post-event of the 2017 Annual Conference for Science Atlantic Mathematics, Statistics and Computer Science, October 15, 2017, University of New Brunswick Fredericton.

Students Supervised

MSc 1

RA 1



DEPARTMENT OF PHYSICS

Craig Bennett

Refereed Journal Publications

- Light-Activated Ullmann Homocoupling of Aryl Halides Catalyzed Using Gold Nanoparticle-Functionalized Potassium Niobium Oxides*, B.W. Crabbe, O.P. Kuehm, J.C. Bennett and G.L. Hallett-Tapley, *Catalysis Science & Technology* (in press). (R)
- Li Insertion in Ball Milled Si-Mn Alloys*, Y. Cao, C. Bennett, R. Dunlap, and M. Obrovac, *J. Electrochem. Soc.*, **165**, A1734-A1740 (2018). (R)
- Hexagonal Platelet Graphite and its Application in Li-ion Batteries*, L. Zhao, J.C. Bennett and M.N. Obrovac, *Carbon*, **134**, 507-518 (2018). (R)
- Nanoparticulate-specific effects of silver on teleost cardiac contractility*, N.I. Callaghan; K.J. Williams; J.C. Bennett and T. J. MacCormack, *Environmental Pollution*, **237**, 721-730 (2018). (R)
- Environmentally-relevant concentrations of copper nanoparticles exhibit different mechanisms of bioactivity in Fundulus heteroclitus in fresh and brackish water*, M.N. Black, E.F. Henry, J.C. Bennett and T.J. MacCormack, *Nanotoxicology*, **11**, 1070-1085 (2017). (R)
- Magnetic LDH-Based Regenerative Nanobots for Azo Dye Removal and Degradation in Water*, Z. Shan, M. Lu, D. Curry, K. Poduska, S. Beale, J.C. Bennett, K.D. Oakes and X. Zhang, *Chemical Communications*, **53**, 10456 (2017). (R)
- Voronoi Tessellated Graphite Produced by Catalytic Graphitization*, L. Zhao, X. Zhao, L.T. Burke, J.C. Bennett, R. Dunlap and M.N. Obrovac, *ChemSusChem*, **10**, 3409-3418 (2017). (R)
- Magnetic GO-PANI decorated with Au NPs: a highly efficient and reusable catalyst for reduction of dyes and nitro aromatic compounds*, A. Pourjavadi, M. Doroudian, A. Abedin-Moghanaki, J.C. Bennett, *Applied Organometallic Chemistry*, **31**:e3881, 10 pages (2017). (R)
- Adsorption of oligo-DNA on Magnesium Aluminum Layered Double Hydroxide Nanoparticle Surfaces: Mechanistic Implication to Gene Delivery*, K. A. Andrea, L. Wang, A. J. Carrier, M. Campbell, M. Mutch, M. Buhariwalla, C. Bennett, M. Mkandawire, K. Oakes, M. Lu, and X. Zhang, *Langmuir*, **33**, 3926-3933 (2017). (R)
- Tungstate-loaded triazine-based magnetic Poly(Bis-imidazolium ionic liquid): An effective Bi-Functional catalyst for tandem selective oxidation/Knoevenagel*



condensation in water, N. Zohreh, M. Tavakolizadeh, S. H. Hosseini, A. Pourjavadi, J.C. Bennett, *Polymer*, **112**, 342-350 (2017). (R)

NbS₃ –a unique quasi-one-dimensional conductor with three charge density wave transitions, S.G. Zybtsev, V.Ya. Pokrovskii, V.F. Nasretdinova, S.V. Zaitsev-Zotov, V.V. Pavlovskiy, A.B. Odobesco, W. W. Pai, M.-W. Chu, Y. G. Lin, E. Zupanič, H.J.P. van Midden, S. Šturm, E. Tchernychova, A. Prodan, J.C. Bennett, I.R. Mukhamedshin, O.V. Chernysheva, A.P. Menushenkov, V.B. Loginov, B.A. Loginov, A.N. Titov and M. Abdel-Hafiez, , *Phys. Rev. B*, **95**, 035110 (2017). (R)

Other Publications

The Basic and Charge Density Wave Modulated Structures of NbS₃-II., E. Zupanič, H. J. P. Van Midden, M. Van Midden, S. Šturm, E. Tchernychova, V. Ya. Pokrovskii, S. G. Zybtsev, V. F. Nasretdinova, S. V. Zaitsev-Zotov, Wei-tin Chen, Woei Wu Pai, J. C. Bennett and A. Prodan, [arXiv:1804.02232](https://arxiv.org/abs/1804.02232) (2018).

Conference Presentations

STM studies of the charge density wave in NbS₃-II, Woei Wu Pai, M.W. Chu, W.T. Chen, V.Ya. Pokrovskii, S.V. Zaitsev-Zotov, S.G. Zybtsev, V.F. Nasretdinova, M.D. Ustenko, E. Zupanič, H.J.P. van Midden, M. van Midden, S. Šturm, A. Prodan, E. Tchernychova, J.C. Bennett, XXII International Symposium "Nanophysics and Nanoelectronics", Proceedings of the 22nd International Symposium, Vol. 1, (Nizhny Novgorod, Publishing House of N. I. Lobachevsky Nizhny Novgorod State University, p. 285 (2018)

A Simple Synthetic Route for SiO_x Negative Electrode Materials, Yidan Cao, J. Craig Bennett, R.A. Dunlap and M.N. Obrovac, 19th International Meeting on Lithium Batteries, Kyoto, Japan, June 2018.

Undergraduate Honours Theses

Thalia Maygar, Physics, *Charge Density Waves in the low dimensional compounds A_xNb₃M₄ with A = Ag, Ga, Zn and 0 < x < 1*, (2017-18).

Research Grants

NRC IRAP CTO, *Structural Characterization of Graphene-like Biochar*, 2018, \$3500.

Acadia 25.55 Research Funds, *Investigation of Low Dimensional and Nanoscale Materials*, 2017, \$5000.



NSERC Discovery Grant, *Materials at the Nanoscale: Structure, Properties and Applications*, 2017-22, \$21,000 per year.

NSERC Research Tools: Operations and Maintenance Support, 2017-19, \$147,000 per year (co-applicant; PI J. Zwanziger).

Currie Chair in Physics, \$5,000 per year (2017-22).

Students Supervised

BScH – 1

Other - 1

Michael D. Robertson

Refereed Journal Publication

S. C. Hillier, E. T. Robertson, G. Reid, R. D. Haynes and M. D. Robertson, *On the Role of the Second Derivative Term in the Calculation of (S)TEM Images and Diffraction Patterns*, *Ultramicroscopy*, **179**, 73-80 (2017).R

Other Publications

M. D. Robertson and S. J. Gibson, *The Components, Calibration, Optimization and Avoidance of Artifacts of a Cathodoluminescence System: Part 1 - Components*, *Microscopical Society of Canada Bulletin*, **43**(3), p16-20 (2017).

Conference Presentations

R. Milligan, Y. Fedortchouk, P. X. Normandeau, A. Fulop and M. Robertson, *Features of apatite in kimberlites from Ekati Diamond Mine and Snap Lake, Northwest Territories: modelling of kimberlite composition*, 11th International Kimberlite Conference, Gaborone, Botswana (September 18-22, 2017).

Undergraduate Honours Theses

Olivia Raiche-Tanner, Physics, *Design and Refinement of a Broad-Spectrum Imaging System for the Examination of Archival Documents* (2017-8).

Research Grants



Jodrey Chair in Physics, \$5,000 per annum (2016-21).

Nova Scotia Co-op Education Incentive, \$4,200 (awarded March 2018).

Students Supervised

BScH – 1

BSc - 2

Ruben Sandapen

Other Refereed Publications

Ahmady, M., Chishtie, F. and R. Sandapen, QCD-constrained dynamical spin effects in the pion holographic light-front wavefunction. Few Body Syst. 59 (2018) no. 2, 15.

Ahmady, M., Chishtie F. and R. Sandapen, The pion holographic wavefunction with dynamical spin effects. PoSHadron2017 (2018) 153.

Ahmady, M., Chishtie F. and R. Sandapen, The pion in holographic light-front QCD. Nucl. Part. Phys. Proc. 294-296 (2018).

Presentations

Dynamical spin effects in the pion. Light-cone 2017, Frontiers in light-front hadron physics: theory and experiment. September 22, 2017. University of Mumbai, India.

The pion in holographic QCD. International Conference on Quantum Chromodynamics (QCD 17). July 5, 2017. Laboratoire Univers et Particules, University of Montpellier, France.

The holographic Schrödinger Equation. Invited talk given at the Canadian Association of Physicists Congress. May 31, 2017. Queen's University. Ontario. Canada. (Invited)

Conformal QM, Light-front QCD and AdS gravity. Talk given at Theory Canada 12 workshop, May 27, 2017. York University, Ontario, Canada.



Students Supervised

BSch 2 (Co-supervision)

Non-Acadia 1

Peter Williams

Other Publications

Hawkes, Iqbal, Mansour, Milner-Bolotin and Williams, "Physics for Scientists and Engineers: An Interactive Approach", 2nd edition, Nelson, 2017.

Students Supervised

BSc. 1

DEPARTMENT OF PSYCHOLOGY

Darlene Brodeur

Refereed Journal Publications

Brodeur, D. A., Stewart, J., Dawkins, T., & Burack, J. A. (2018). Utilitarian attention by children

with autism spectrum disorder on a filtering task. *Journal of Autism and Developmental Disorders*.

Presentations

Stubbert, E., Cohene, K., Weva, V., O'Brien, S., Flores, H., Masucci, R., Lum, W., **Brodeur, D.**, & Burack, J. (2018). Difficulties in linking experimental evidence to real-world behaviours of children with ADHD: An example from the findings of a multiple object tracking task. *Development 2018: A Canadian Conference on Developmental Psychology*, May 3-4, St. Catherine's, Ontario (R)

Miseros, M., Russo, N., McKernan, E., Masucci, R., Lum, W., Stewart, J., **Brodeur, D.**, & Burack, J. (2018). Dynamic visual filtering in individuals with Down syndrome: Effects of time and space. *Development 2018: A Canadian Conference on Developmental Psychology*, May 3-4, St. Catherine's, Ontario. (R)



Flores, H., **Brodeur, D.**, Trick, L. M., Stubbert, E., Cohene, K., & Brurack, J. A. (2017). "Catch the Spies": Multiple object tracking in children with low-functioning and high-functioning Autism spectrum disorder. *29th Association for Psychological Science Annual Convention*, May 25-28, Boston, MA. (R)

Research Grants

2017-2020 Nova Scotia Health Research Foundation – Establishment Grant
(Champod, A. S., **Brodeur, D. A.**, Fisher, D. J., Newman, R. L., Eskes, G. A.), \$147,857

Students Supervised

BScH - 2

Non-Acadia 2

Karmen Bleile

Student Supervision

BScH – 1 (50%)

Other – 1

Anne Sophie Champod

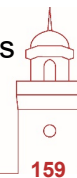
Presentations

Boyce, J., King, M., **Champod, A. S.**, Braha, R., Eskes, G. A. (2017). *Implementing prism adaptation treatment after stroke (IPATS) Clinical Trial*. Paper presented at the Nova Scotia Rehabilitation Research Day, Halifax, NS.

Champod, A. S., Haidar, G. M., Eskes, G. A. (2017). *Effect of hiding view of the starting hand position when using a home-friendly treatment for spatial neglect in healthy participants*. Poster session presented at the Congress of the European Academy of Neurology, Amsterdam, NL. *European Journal of Neurology*, 24, 217. (R)

Shead, N. W., **Champod, A. S.** (2017). *Effect of repeated mindfulness practice on delay*

discounting and gambling cravings. Poster session presented at the New Horizons in Responsible Gambling Conference, Vancouver, BC. (R)



Champod, A. S. (2018). *The future of treatment for brain disorders: Virtual reality, game apps, and brain mapping*. Keynote for Huggins High School Science Seminar, Acadia University, Wolfville, NS, Canada.

Champod, A. S. (2017). *Introduction to the social brain*. Science of Relationships (PSYC-4423), Acadia University, Wolfville, NS, Canada.

Research Grants

2017-2020 Nova Scotia Health Research Foundation – Establishment Grant (Champod, A. S., Brodeur, D. A, Fisher, D. J., Newman, R. L., Eskes, G. A.), \$147,857

2015-2018 Translating Research Into Care Levels 2 and 3 Healthcare Improvement Research Program (Eskes, G. A., Braha, R., **Champod, A. S.**, Boyce, J., King, M.)

Title: Feasibility and effectiveness study of implementing prism adaptation as a treatment for spatial neglect after right hemisphere stroke

Amount: \$30,000

2016-2017 Acadia University Research Fund (**Champod, A. S.**) \$4936

2015-2017 Harrison McCain Foundation - Emerging Scholar Award (**Champod, A. S.**)

Title: Development of a home-based computerized treatment for visuospatial neglect

Amount: \$19,972

Awards

2017 *Research Excellence Award for Early Career Researcher*, Faculty of Pure and Applied Science, Acadia University

2016-2018 *Petro Canada Young Innovator Award*, Acadia University: \$4,985

Students Supervised

BscH – 3

MSc - 1

Other – 1



Joseph Hayes

Refereed Journal Publications

Hayes, J. & Schimel, J. (2018). Unintended effects of measuring implicit processes: The case of death-thought accessibility in mortality salience studies. *Journal of Experimental Social Psychology*, 74, 257-269.

Schimel, J., **Hayes, J.**, & Sharp, M. (in press). A consolidation of three critical hypotheses. In a forthcoming *Handbook of Terror Management Theory*.

Hayes, J. & Huble, C. (2017). Between a rock and a hard place: When affirming life reduces depression, but increases anxiety. *Journal of Social and Clinical Psychology*, 36, 860-882.

Presentations

Hayes, J. (2018). *Affirmation Anxiety: Self-Affirmation Arouses Motivational Conflict for People with Low Self-Esteem*. Poster presented at the 30th American Psychological Society Annual Convention, San Francisco, CA. (R)

Research Grants

2018, March, Why all the hate? Fatalism, hatefulness, and sadistic approach motivation. Acadia University 25.55 Grant \$4990.65

2018, January, Preregistration Challenge Award Recipient Center for Open Science's Open Science Framework. \$1000.00

Students Supervised

BsCh – 4

MSc - 1

Other - 3

Diane Holmberg

Refereed Journal Publications

Blair, K. L., **Holmberg, D.**, & Pukall, C. *Support processes in same-sex and mixed-sex*



relationships: Type and source matters. Accepted for publication in *Personal Relationships*.

Hoskin, R. A., Blair, K.L., Jenson, K., & **Holmberg, D.** Femininities scale. Accepted for publication in the *Handbook of sexuality-related measures* (4th ed.).

Holmberg, D., Thibault, T. M., & Pringle, J. D. (2018). Gender differences in romantic relationship memories: Who remembers? Who cares? *Memory*, 26(6), 816-830.

Presentations

Carew, R., O'Bertos, S., Matheson, L., **Holmberg, D.**, & Shields, C. (2017, October). *Testing a mediational model: The relationship between support styles, relationship-inferred self-efficacy, self-efficacy, and exercise in cardiac rehabilitation*. Poster presented at the meeting of the Canadian Society for Psychomotor Learning and Sport Psychology, St. John's NL. (R)

Blair, K. L., & **Holmberg, D.** (2017, June). Friend and family support dynamics for mixed-sex vs. same-sex relationships. In K. L. Blair (Chair), *The dynamics of social network approval / disapproval, in marginalized and non-marginalized relationships*. Symposium presented at the meeting of the Canadian Psychological Association, Toronto, ON. (R)

Holmberg, D. (2017, June). Disapproval of romantic relationships: Who disapproves, how, and why? In K. L. Blair (Chair), *The dynamics of social network approval / disapproval, in marginalized and non-marginalized relationships*. Symposium presented at the meeting of the Canadian Psychological Association, Toronto, ON. (R)

Hoskin, R., Jenson, K., Blair, K. L., & **Holmberg, D.** (2017, June). *Madonna-whore: Religiosity, prescribed femininity and body image*. Poster presented at the meeting of the Canadian Psychological Association, Toronto, ON. (R)

Jenson, K., Moult, R., **Holmberg, D.**, & Blair, K. L. (2017, June). Do they really want to know? Deciding to give (or with-hold) disapproval for others' relationships. In K. L. Blair (Chair), *The dynamics of social network approval / disapproval, in marginalized and non-marginalized relationships*. Symposium presented at the meeting of the Canadian Psychological Association, Toronto, ON. (R)

Matheson, L., O'Bertos, S., Carew, R., **Holmberg, D.**, & Shields, C. (2017, June). *Support and coping in cardiac rehabilitation: An examination of protective buffering, overprotection and active engagement*. Poster presented at the meeting of the Canadian Psychological Association, Toronto, ON. (R)

Research Grants



- 2017-2019 SSHRC Insight Development Grant \$73 836, (collaborator; PI: Dr. Karen Blair)
- 2017-2018 SSHRC Institutional Grant, \$2 788,(co-PI: Dr. K. Blair)
- 2017-2018 CIHR, Institute of Population and Public Health Planning Grant, \$17 933 (collaborator and mentor; PI: Dr. K. Blair)
- 2016-2018 Canadian Institutes of Health Research, \$148 000 (co-applicant; PI: Dr. A. Day)
- 2015-18 Acadia University Research Fund (AUFA Article 25.55 Grant), \$4959 (co-PI: Dr. Chris Shields)

Students Supervised

BScH – 2 – (2 at 66%)

MSc - 2

Other – 2

Peter Horvath

Refereed Journal Publications

Horvath, P. (2018). The relationship of psychological construals with well-being. *New Ideas in Psychology*, 51, 15-20.

Stephanie Jones

Refereed Journal Publications

Salmon, J. P., **Jones, S. A.**, Wright, C. P., Butler, B. C., Klein, R. M., & Eskes, G. A. (2017). Methods for validating chronometry of computerized tests. *Journal of Clinical and Experimental Neuropsychology*, 39 (2), 190 – 210.
doi:10.1080/13803395.2016.1215411.

Presentations

Jones, S. A. H. (February, 2017). Attentional, sensory and motor function: A behavioural approach to understanding cognitive ability, Acadia University, Wolfville, Nova Scotia.

Students Supervised



BScH – 1 (50%)
Other – 1

Rick Mehta **Presentations**

Invited by Overcome the Gap (McMaster University) to participate in an event called “Tolerating Intolerance: A Discussion on Free Speech”, which was supposed to be held at McMaster University on March 29, 2018 (cancelled)

Oral Presentation, Free Speech in Universities: Threats and Opportunities, Presented at Acadia University on September 27, 2017.

Students Supervised

BScH – 2

MSc - 1

Randy Lynn Newman

Presentations

Newman, R.L. (Dec. 2017). Why are there so Few Women in Computer Science?
Presented at Horton High School, Greenwich, NS.

Newman, R.L. (May 2017). Invited Panelist: Women in Engineering: Unconscious Bias
- Barriers to Diversity & Inclusion in the Workplace, Atlantic Connections
Conference, Halifax, NS.

Research Grants

2017-2020 Nova Scotia Health Research Foundation – Establishment Grant
(Champod, A. S., Brodeur, D. A, Fisher, D. J., **Newman, R. L.**, Eskes, G. A.), \$147,857

Students Supervised

BScH – 2

Other – 1



Pat O'Neill

Presentations

O'Neill, Patrick (2018) Psychology and Social Responsibility" Invited address: The 29th International Congress of Applied Psychology (ICAP), Montréal, Que.

Students Supervised

BScH – 1

Other – 1

Lisa Price

Research Grants

2016-2018 Canadian Institutes of Health Research, \$148 000 (co-applicant; PI: Dr. A. Day)

Students Supervised

BScH – 1

MSc - 1

Susan Potter

Sabbatical (Sept 2017 – June 2018)

Doug Symons

Sabbatical (Jan – June 2018)

Referred Journal Publications

Symons, D. K., Clark, S. E., Tarabulsky, G. M., Hawkins, E., & Carrey, N. (2018). Implementing an attachment and sensitivity-based home intervention in a rural area of Eastern Canada. *Journal of Psychology and Clinical Psychiatry*, 9(2): 00502. DOI: 10.15406/jpcpy.2017.09.00502

Symons, D. K., Clark, S. E., Tarabulsky, G. M., Hawkins, E., & Carrey, N. (2017). Adult



attachment representations using the Adult Attachment Picture Projective, childhood abuse history, and psychopathology in a small high-risk sample of women. *Acta Psychopathologica*, 3 (No. S2:72), 1-9.

Symons, D. K. (2017). Students who raise a virtual child develop a “relationship” with the child related to their own adult attachment style: A case study of methodology to examine parenting in cyberspace. *Sage Research Methods Cases* (e-publication).

Presentations

Symons, D.K., Clark, S.E., Tarabulsky, G.M., Hawkins, E, & Carrey, N. (June 2017). *Preliminary findings from an attachment- and sensitivity-based intervention for at-risk families with young children in rural Canada*. Paper presented at the biennial meeting of the International Attachment Conference, London, UK. (R)

Symons, D., & Hutchins, S.A. (June 2017). *Parenting in Cyberspace: Adult attachment style is related to parenting attitudes towards a virtual child*. Paper presented at the annual meeting of the Canadian Psychological Association, Toronto ON. (R)

Symons, D.K., Clark, S.E., Tarabulsky, G.M., Hawkins, E, & Carrey, N. (June 2017). *An*

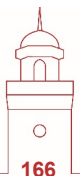
attachment- and sensitivity-based intervention for at-risk families with young children in rural Nova Scotia: Preliminary findings. Paper presented at the annual meeting of the Canadian Psychological Association, Toronto ON. (R)

Symons, D. (May 2017) *The making and breaking of relationships: Attachment and loss with non-human figures*. Home County PMG Attachment Conference, Quebec City. (R)

Students Supervised

Bsch – 1

MSc - 1



IVAN CURRY SCHOOL OF ENGINEERING

Paul Arnold

Other Refereed Publications

Arnold, P. 2016. In: Bureau de Normalisation du Québec. Standard D 043-220, Organic soil conditioners – composts – determination of respiration rate – Part II: modified biochemical oxygen demand (BOD) respiration method.

Non-refereed Publications

Arnold, P. 2017. Otter Lake Waste Audit, Prepared for Otter Lake Community Monitoring Committee.

Arnold, P. and J. Loder. 2017. Evaluating the Feasibility of Composting Waxed Corrugated Cardboard, Divert Nova Scotia.

Arnold, P. 2017. Composting Manufactured & Treated Woods, Divert Nova Scotia & Nova Scotia Environment.

Presentations

CBC Maritime Noon phone-in: technical guest on backyard composting, Oct. 22, 2017 & April 4, 2018.

Technical Services

On-going bi-monthly maturity testing of compost product for AIM Environmental (Goodwood, NS) in compliance with Department of Environment operating permit.
Annual audit of respiration test results for Northridge Farms (Aylesford, NS) in compliance with NS Environment requirements.

Research Grants

MITACS (\$45,000): collaborative application with Dr. Gordon Price (Dalhousie University) on capture and utilization of heat and CO₂ from in-vessel composting of municipal source-separated organics in a modular vertical greenhouse.
Hatch Ltd. (\$50,000): collaborative application with Dr. Gordon Price (Dalhousie University) on capture and utilization of heat and CO₂ from in-vessel composting of municipal source-separated organics in a modular vertical greenhouse.
Divert NS (\$63,000): collaborative application with Dr. Gordon Price (Dalhousie University) on capture and utilization of heat and CO₂ from in-vessel composting of



municipal source-separated organics in a modular vertical greenhouse.

Students Supervised

MSc student under supervision:

Anjie Luo: Dalhousie University, agricultural campus, 50% supervision.

Martin Tango

Refereed Journal Publications

Biazar J., Safaei S., and Tango. M. Fractional modelling for prey and predator problem by using optimal homotopy asymptotic method. Journal of Computational and Applied Mathematics (submitted).

Ntenga R., Mfoumou E., Beakou A., Tango M., Kamga, J., and Ahmed A. 2018. Dataset on the microstructure morphology characteristics of the palm kernel shell and coconut kernel shell materials. Data in Brief, Elsevier Journal (submitted).

Mfoumou, E., Tango, M., and Wong, P. K. 2018. Tuning polydimethylsiloxane (PDMS) properties for biomedical applications. Advanced Materials Letters, 8(X) (accepted for publication).

Non-refereed Publications

Tango. M. 2018. Technical evaluation of AP 200 aquaponics system. Submitted to Nova Aquaponics Inc., Halifax, NS.

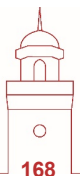
Barnett, C., Tango, M., and Mfoumou, E. 2017. Enhanced poultry wastewater treatment. Final technical report submitted to Eden Valley Poultry Company, Berwick, NS.

Tango, M., Friesen, H., and Yang, S. Enhanced technical assessment of the AP200 aquaponics system for Nova Aquaponics Inc.

Tango, M., Halbrook, D., and Dunn, E. 2018. Utilization of the bivalve derived calcitic lime for hemp-crete structural applications. Submitted to Cape Breton Bivalve Inc.

Presentations

Friesen et al. 2018. Use of 3D-printing, laser engraving and CNC tools to engage student in engineering design courses. Technical presentation at Dalhousie University's teaching and learning annual conference.



Dunn, E., Halbrook, D., and Tango, M. 2018. Biocomposites derived from natural fibres and seafood byproducts (poster). Atlantic Biorefinery Conference, Fredericton, NB.

Tango, M. 2018. Reflections on collaborative applied research with industry partners: Case of aquaponics and biocomposites derived from natural fibres/aquaculture waste products. Atlantic Biorefinery Conference, Fredericton, NB.

Research Grants

Article 25:55 teaching innovation award (\$4,995): Performance testing of bench scale in-stream low/no head water turbine.

NSERC-engage program (\$25,000): Mapping the operational requirements for deployment of underwater ROV under high flow conditions. Dominion Diving Company, Dartmouth. Dr. Etienne Mfoumou, principal investigator through NSCC applied research engineered technology group.

P&I voucher program, NSBI (\$15,000): Enhanced technical assessment of the AP200 aquaponics system for Nova Aquaponics Inc.

P&I voucher program, NSBI (\$15,000): Utilization of the bivalve derived calcitic lime for hemp-crete structural applications.

Article 25:55 teaching innovation award (\$4,000): Development of potable bench scale mini-aquaponic systems.

Students Supervised

Acadia students under supervision (projects, special topics):

Hilary Friesen: Part-time research assistant, literature review and report writing for the aquaponics system.

Siyan Wang: Part-time research assistant, designing of the layout for the aquaponics systems.

Emily Dunn and Daniel Halbrook: Part-time research assistant, utilization of seafoods waste byproducts for biocomposites production. Research service project with Cape Breton BiValve Inc.

Reid, S., Patriquin, C., Murdock C., and Owen, A.: Co-supervision of design II project on portable mini-aquaponics system (co-supervision with Dr. Andrew Mitchell, Gary Bustin and Angelo Posteraro).

Non-Acadia students under supervision:

Hannah Kelsey: Co-supervision of senior project at NSCC environmental engineering technology program. Milking bioproducts from microalgae culture-phase II (co-supervision with Dr. Etienne Mfoumou, NSCC applied research engineered



technology group).

Aliakber Sherkat and Ruth Boachie: Co-supervision of research assistants at NSCC applied research-engineered technology group. Aquaponics in bioeconomy: evolving crop growing process and source of nutrition. (co-supervision with Dr. Etienne Mfoumou, NSCC applied research engineered technology group).

Jennie Rand

Refereed Journal Publications

Kickbush, J., Mallory, M., Rand, J., Murimboh, J., and O'Driscoll, N. 2018. The impacts of avian biovectors on mercury speciation in a wetland. 2018. Science of the Total Environment (in revision).

Rand, J. and Bergschneider, K. 2018. The “Grahampire”: The broad impacts of excellence in water research. Journal American Water Works Association (accepted).

Yunker, J., Barton, J., and Rand, J.L. 2017. Nitrate monitoring and management strategies for the village of Port Williams. ACWWA Annual Conference. Charlottetown, PE.

Sharafimasooleh, M., Huang, Y., Rand, J.L., Truelstrup-Hansen, L. and Walsh, M.W. 2017. Impact of common corrosion control strategies on iron corrosion and release in presence of high chloride concentrations. AWWA ACE.

Non-refereed Publications

Rand, J.L., and Yunker, J. 2017. Nitrate Monitoring and Management Strategies for the Village of Port Williams – Technical Report.

Research Grants

Faculty Research Account (\$21,000): this account is the result of contract work carried out in the lab and currently supports student research.

Article 25.55 (\$5000).

Students Supervised

Acadia students under supervision (projects, special topics):

Jessica Yunker: PDF.

Jacob Barton: BEng Candidate.

Lydia Zamlynny: BEng Candidate.

MASc students under supervision:



Brittany Gregory: Dalhousie University (Supervisory Committee).
Carolina Ontiveros: Dalhousie University (Supervisory Committee).
Jocelyn Kickbush: Acadia University (Supervisory Committee).
Brian Middleton: Dalhousie University (Supervisory Committee).

PhD students under supervision:

Bofu Li: Dalhousie University (Supervisory Committee).
Ben Trueman: Dalhousie University (Supervisory Committee).
Tyler Gamble: Dalhousie University (Supervisory Committee).
Sean MacIsaac: Dalhousie University (Supervisory Committee).

Hamed Aly

Refereed Accepted Journal Publications

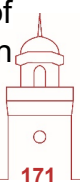
- Shehadah, S., Aly, H., and El-Hawary, M.E. 2018. Analysis of PV harmonic distributions for various weather variables. *Journal of Electric Power Components*.
- Wang, L., Wang, Y., and Aly, H. 2018. A proposed distributed equivalent circuit model for direct methanol fuel cell. *Journal of Electric Power Components and Systems*.
- Shehadah, S., Aly, H., and El-Hawary, M.E. 2018. Investigation of PV coverage ratio for maximum overall thermal energy of PVT system. *Elsevier Journal of Renewable Energy*.

Submitted Journal Papers

- Aly, H. 2018. A proposed intelligent short-term load forecasting hybrid models of ANN, WNN, and KF based on clustering techniques for smart grid. *IEEE Transactions on Neural Networks and Learning Systems*.
- Aly, H. 2018. A novel approach for tidal currents harmonic constitutions forecasting hybrid models based on clustering techniques for smart grid. *Elsevier Journal of Renewable Energy*.

Other Refereed Publications

- Fituri, A., Aly, H., and El-Hawary, M. 2018. Effect of unsteady waves on tidal energy. 18th annual IEEE Canada electrical power and energy conference, Toronto, Canada, EPEC.
- Shehadah, S., Aly, H., and El-Hawary, M. 2018. Minimizing CO₂ emissions of photovoltaic thermal model in North America part II. IEEE 31st annual conference on electrical and computer engineering. CCECE, Quebec, Canada.



Fituri, A., Aly, H., and El-Hawary, M. 2017. An overview of optimization methods for tidal instream and wind turbines farms. 17th annual Canadian IEEE conference on electrical and computer engineering. Saskatoon, Saskatchewan.

Shehadah, S., Aly, H., and El-Hawary, M. 2017. Minimizing CO₂ emissions of photovoltaic thermal model in North America. IEEE conference on electrical and computer engineering. CCECE Windsor, Ontario.

Fituri, A., Aly, H., and El-Hawary, M. 2017. A comparative study of on-site monitoring system for tidal/wind turbines farm. Annual conference of marine renewables. Ottawa, Ontario.

Students Supervised

Non-Acadia students under supervision:

PhD students 4 (Dalhousie University).

JODREY SCHOOL OF COMPUTER SCIENCE

Darcy Benoit

Director, Jodrey School of Computer Science

Research Grants

NSERC PromoScience Supplement (Acadia Robotics), \$4,996

NSERC PromoScience Supplement (Acadia Robotics), \$9,536

James Diamond

Research Grants

Vistassja Williams was awarded an Internal SRA Grant.

Students Supervised

BCSH 3 (in progress)

Academic Service

Board of Directors of Science Atlantic - Committee Chair for Computer Science



Elhadi Shakshuki

Refereed Journal Publications

- Lamotte, O., Galland, S., Koukam, A., Gaud, N., Yasar, A., Shakshuki, E., "Modeling Process of a Third Dimension Universe for Transportation Simulation: Application to Railway System", *Intelligent Transportation Systems Magazine*, IEEE, accepted.
- Malik, H., Shakshuki, E., Yoo, W., "Comparing mobile apps by identifying 'Hot' features", *International Journal of Future Generation Computer Systems*, Elsevier, in press.
- Drawel, N., Bentahar, J., Shakshuki, E., "Specification and automatic verification of trust-based multi-agent systems", *International Journal of Future Generation Computer Systems*, Elsevier, in press.
- Anwar, S., F., Sheltami, T., Shakshuki, E., Khamis, M., "A Framework for Single and Multiple Anomalies Localization in Pipelines", *International Journal of Ambient Intelligence and Humanized Computing*, Springer, in press.
- Jabeur, N., Yasar, A., Shakshuki, E., Haddad, H., "Toward a Bio-Inspired Adaptive Spatial Clustering Approach for IoT Applications", *International Journal of Future Generation Computer Systems*, Elsevier, in press.
- Malik, H., Shakshuki, "Detecting performance anomalies in large-scale software systems using entropy", *International Journal of Personal and Ubiquitous Computing*, Springer, vol. 21, issue 6, pp. 1127-1137, 2017.

Other Refereed Publications

- Gazder, U, Shakshuki, E., Adnan, M., Yasar, A., "Artificial Neural Network Model to relate Organization Characteristics and Construction Project Delivery Methods", *The 15th International Conference on Mobile Systems and Pervasive Computing*, August 13-15, 2018, Gran Canaria, Spain.
- Sheltami, T., Shahra, Shakshuki, E., "Fog Computing: Data Streaming Services for Mobile End-Users", *The 13th International Conference on Future Networks and Communications*, August 13-15, 2018, Gran Canaria, Spain.
- Ahmed, S., Adnan, M., Janssens, D., Yasar, A., Kumar, P., Shakshuki, E., "Pro Environmental Potential in Activity-Travel Routine of Individuals: A Data Driven Computational Algorithm", *the 9th International Conference on Ambient Systems, Networks and Technologies*, May 8-11, pp. 541-548, Porto, Portugal, 2018.
- Chaudhry, B., Yasar, El-Amine, S., Shakshuki, E., "Passenger Safety in Ride-Sharing Services", *the 9th International Conference on Ambient Systems, Networks and Technologies*, May 8-11, pp. 1044-1050, Porto, Portugal, 2018.
- Reid, M., Shakshuki, E., "Implementing a Multi-agent System for Recording and Transmitting Biometric Information of Elderly Citizens", *the 7th International*



Conference on Current and Future Trends of Information and Communication Technologies in Healthcare, September 18-20, pp. 334-343, Lund, Sweden, 2017.

Academic Service

Co-organizer and co-editor of the proceedings for:

- The 9th International Conference on Ambient Systems, Networks and Technologies, May 2018
- The 9th International Conference on Emerging Ubiquitous Systems and Pervasive Networks, November 5-8, Leuven, Belgium, 2018.
- The 8th International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare (ICTH 2018), November 5-8, Leuven, Belgium, 2018.

Research Grants:

- NSERC Award \$20,000 per year for five years, 2017 to 2022

Editorial Work:

- Editor-in-Chief: International Journal of Ubiquitous Systems and Pervasive Networks
- Associate Editor: International Journal of Ambient Intelligence and Humanized Computing

Students Supervised

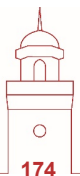
MSc 2

Daniel Silver

Professor, Jodrey School of Computer Science (JSOCS)

Director, Acadia Institute for Data Analytics (AIDA)

Adjunct Professor in the Faculty of Computer Science, Dalhousie University (July 1, 2017 – June 30, 2020)



Awards

Extended for one additional year (Jan 1, 2017 – Dec 31, 2017) - Honorary Colonel, RCAF, 415 Squadron - Long Range Patrol and Force Development, 14 Wing Greenwood.

Refereed Publications

Xiang Jiang, Erico N de Souza, Ahmad Pesaranghader, Baifan Hu, Daniel L. Silver, and Stan Matwin. TrajectoryNet: An Embedded GPS Trajectory Representation for Point-based Classification Using Recurrent Neural Networks, accepted for presentation and proceedings at CASCON 2017, Toronto, Nov 2017. **Best Paper Award**

Industry Project Reports

Silver, D. and Gorringer, R. Applying Data Analytics to the Vertical Farming Sector, NRC IRAP CTO funded project for TruLeaf of Truro. June, 2018.

Silver, D. Machine Learning Applied to Direct Load Control, NRC IRAP CTO funded project for AMG Energy of Greenwich. May, 2018.

Silver, D. Automating Software Development with Machine Learning, NRC IRAP CTO funded project for DevScript of Bridgetown. November, 2017.

Presentations

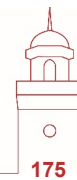
Silver, D. Presented recent data analytics work at the DAM-IT Connector Event following Dan Russel of Google talk at Dalhousie University, Halifax, Apr 18, 2018.

Silver, D. Estimage – Estimating Things from Images. Talk at the Big Ideas Forum, part of the Big Data Congress 2017, WTCC, Halifax, Nov 7, 2017.

Silver, D. AIDA Projects Overview, KDD Ocean Data Analytics Connector, WTCC, Halifax August 17, 2017.

Media

Silver, D. John Gormley Live on 650 CKOM Saskatoon and 980 CJME Regina. Interview with John Gormley concerning AI and our Future, Nov 29, 2017.



Silver, D. CBC Halifax, Information Morning. Interview with Don Connolly concerning the Senate of Canada report on the role of robotics and artificial intelligence in the healthcare system, Nov 13, 2017.

Silver, D. Humanity and AI: National Post Radio, the morning national news show on SiriusXM Satellite Radio. 10-minute interview by phone Tuesday, July 18, 2017.

Other Works

Silver, D. and Gorringer, R. Development of the Weather Archive Data Collection System - Stage 1, February, 2018.

Silver, D. and Gorringer, R. Development of the software and ML models for Futurecasting of NS Webcam Images, March, 2018.

Silver, D. Challenge Ahead: Integrating Robotics, Artificial Intelligence and 3D Printing Technologies into Canada's Healthcare Systems, Standing Senate Committee on Social Affairs, Science and Technology, October, 2017. Scientific witness who present to the committee and contributed material for the report.

Research Grants

- \$4000 – NRC IRAP CTO funding for work with DevScript on “Automating Software Development with Machine Learning” (August - November, 2017).
- \$3,500 – Article 25.55 funding for “Estimage: Estimating a count/measurement from images” (Jan – June, 2017). Work with Tanya Monga
- \$5000 – NRC IRAP CTO funding for work with AMG Energy on “Machine Learning Applied to Direct Load Control” (March – May, 2018).
- \$5000 – NRC IRAP CTO funding for work with TruLeaf on “Applying Data Analytics to the Vertical Farming Sector” (March – June, 2018). Work with RA Ryan Gorringer.
- \$20,000 – Springboard Innovation Mobilization Program funding for “Estimage: Making Estimates from Images” (May 15 – March 31, 2019). Work with Tanya Monga and Jabun Nasa.

Editorial Boards

- Atlantic Schools of Business Conference 2018, Sept, 2018 - 1 paper
- Journal of Artificial Intelligence Research, July, 2017 - 1 paper

Reviews:

- Interviewed by BTM-Forum regarding accreditation of the School of Business BBA with Major in Business Technology Management degree, March, 2018.



- Interview by Mark Ramsden, of WorleyParsons (Calgary) - assistance with survey on AI and its impact on industry and business over next 5-10 years, Feb, 2018.
- External reviewer for Dr. Michael Shepherd's application for Professor Emeritus, Dalhousie University, January, 2018.

Conferences and Workshops

- Panel member for "State of CS Education" Panel, Refresh Annapolis Valley Event, Feb 13, 2018
- Program committee for AI/GI/CRV-2018 at York University, Toronto, May 8-11, 2018.
- Organizer and Moderator of Panel Discussion on "Data Analytics and a Sustainable Secure Food Supply", Big Data Congress, WTCC, Halifax, Nov 7, 2017.
- Member of Big Data Congress (BDC)-2017 organizing committee, WTCC, Halifax, Nov 6-8, 2017.
- Organizer and panel member of "AI/Robots and Our Future" Debate, Acadia University, Oct 19, 2017.
- Contributed to organization of KDD-2017, WTCC, Halifax, NS, August 13-18, 2017.

Students Supervised

PhD	1
MSc	12
BCSH	2
Res. Assist.	2

André Trudel

Other Refereed Publications

- A. Trudel (2018), "An Attempt to Beat the World Record for the Longest Palindrome", 33rd International Conference on Computers and their Applications (CATA-2018). March 19-21, Las Vegas.

Haiyi Zhang

Students Supervised

BCSH	1
MSc	1



Other Refereed Publications

S. Yang, H. Zhang “Text Mining on Twitter Using LDA Topic Model and Sentiment Analysis” ICDM 2018: 20th International Conference on Data Mining, The 20th international research conference proceedings, p1442-1446

H. Zhang “The Considerations of Teaching Computer Science Course—AI and Compilers” ***Proceedings of the 2018 International Conference on Frontiers in Education: Computer Science & Computer Engineering***, FECS 2018, ISBN: 1-60132-477-4 P40-42

SCHOOL OF NUTRITION AND DIETETICS

Barb Anderson

Research Grants

Co-Investigator SSHRC Insight Grant: *Dismantling Stigma: Exploring experiences of and views on food insecurity, social exclusion, and shame among women through participatory action research* (Dr. Patty Williams, MSVU, PI). March 15, 2018 to March 31, 2021 (\$76,784).

Liesel Carlsson

Refereed Journal Publications

Robert Dyball & Liesel Carlsson. Ellen Swallow Richards, Mother of Human Ecology. Human Ecology Review. 2017, 23(2). <http://dx.doi.org/10.22459/HER.23.02.2017> (R)

Liesel Carlsson, Edith Callaghan, Adrian Morley & Göran Broman. Food System Sustainability across Scales: A Proposed Local-To-Global Approach to Community Planning and Assessment. Sustainability 2017, 9(6), 1061; doi:10.3390/su9061061. (R)

Non-refereed Publications

Liesel Carlsson, Edith Callaghan & Jesper Dorph. Sustainable Food Systems that Promote Healthy Diets: A proposed Roadmap for Dietitians of Canada: Summary of the Delphi Inquiry Process, June 2017.



Liesel Carlsson. Canadian dietitians apply a sustainable food systems lens to promoting healthy diets. United Nations System Standing Committee on Nutrition News. Issue 42. 2017. Spotlight on the Nutrition Decade.

Research Grants

March 2017 - Acadia University Research Fund (Article 25.55). Title of Project: Nutrition Professionals Contributing to Sustainable Food Systems. Amount: \$5,000.

Presentations

Liesel Carlsson & Roxane Wagner. Workshop: Building the Case for Sustainability in your Practice. Dietitians of Canada National Conference. St. John's, NL. June 7-10, 2017.

Liesel Carlsson, Edith Callaghan & Jesper Revald Dorph. Research Workshop: Sustainable Food Systems that Promote Healthy Diets, Delphi Inquiry Round Four. Dietitians of Canada National Conference. St. John's, NL. June 7-10, 2017.

Matt Durant

Textbooks

My entry-level textbook *Nutrition for Healthy Living* (2011) continues to be marketed and sold to undergraduate university and college programs across Canada. The textbook has been adopted by more than 20 institutions since publication, including Bishop's University, Acadia University, Ryerson University and George Brown College.

Mojtaba Kaviani

Refereed Journal Publications

Kaviani, M., Abbasi, A., & Chilibeck, P. (2018). Creatine monohydrate supplementation during eight weeks of progressive resistance training increases strength in as little as two weeks without reducing markers of muscle damage (Accepted for publication, *The Journal of Sports Medicine and Physical Fitness*) (R)

Darbanda, S., & Kaviani, et al. (2018). Quercetin: a functional dietary flavonoid with potential chemo-preventive properties in colorectal cancer. *J Cell Physiol.* 16. doi: 10.1002/jcp.26595 (R)



- Majidinia, M., Reiter, R.J., Shakouri, S.K., Mohebbi, I, Rasteghar M, Kaviani, M, et al. (2018). The multiple functions of melatonin in regenerative medicine. *Ageing Res Rev.* pii: S1568-1637(17)30257-X. doi: 10.1016/j.arr.2018.04.003. (R)
- Majidinia, M., Ghazizadeh, S., Kaviani, M., et al. (2018). Cross-regulation between Notch signaling pathway and miRNA machinery in cancer. *DNA repair.* DOI10.1016/j.dnarep.04.002 (R)
- Amiri, M., Kaviani, M., et al. (2018). Chocolate milk for recovery from exercise: A systematic review and meta-analysis of controlled clinical trials. (in press in *The European Journal of Clinical Nutrition*) (R)
- Kaviani, M., et al. The glycemic index of sport nutrition bars affects performance and metabolism during cycling and next-day recovery (Accepted for publication, *Journal of Human Kinetics*) (R)
- Kaviani, M & Salimi, M. (2017). High intensity interval training and omega-3 supplementation alone or combined modulates inflammatory status of sedentary obese men. *JOURNAL* DOI10.1139/apnm-2017-0432 (R)
- Wiseman, J., & Kaviani, M. (2018). Influence of nutrition, physical activity, and sleep on quality of life in older adults. *Appl. Physiol. Nutr. Metab.* Vol. 43. (R)
- Belding, M., & Kaviani, M. (2018). Efficacy of a student nutrition coach for improving healthy eating habits in varsity athletes at a Canadian University. *Appl. Physiol. Nutr. Metab.* Vol. 43. (R)

Presentations

- Kaviani, M & Salimi, M. High intensity interval training and omega-3 supplementation alone or combined modulates inflammatory status of sedentary obese men. Canadian Exercise Physiology, Winnipeg 2017. Oral presentation.

Student Supervision

BSNH - 2

Matthew McSweeney

Refereed Journal Publications

- Morin M., Hayward, L., & McSweeney M.B. (2018). Use of experienced panelists and the projective mapping task in comparison to trained panelists and naïve consumers. *Journal of Sensory Studies*. Submitted April 28, 2018. (R)



- McSweeney M.B. & Gosine, L. (2018). Consumers' attitudes towards alternative grains: A conjoint analysis study. *Journal of Cereal Science*. Submitted April 17, 2018. (R)
- Jantzi, H. & McSweeney. (2017). An overview of wine consumers in Nova Scotia, Canada. *Journal of Wine Research*. Submitted September 24, 2017. (R)
- Trudel, A., Sears, D. & McSweeney, M.B. (2017). Sensory marketing: Influencing consumer behavior and potential for enhancing the consumption experience. *Atlantic Schools of Business Conference Proceedings*. Accepted. (R)
- Barry, S., Muggah, E.M., McSweeney, M.B. (2018). A preliminary investigation into differences in hops' aroma attributes, 53: 804-811. (R)
- Muggah, E. M., & McSweeney, M.B. (2017). Using preferred attribute elicitation to determine how males and females evaluate beer. *Journal of Food Science*, 82(8): 1916-1923. (R)
- McSweeney, M.B., Sisopha, A., T'ien, C., Rector, M., & Duizer, L. M. (2017). Comparing preferred attribute elicitation (PAE) to trained panelists' evaluations using a novel new food product. *Journal of Sensory Studies*, 32:e12300 <https://doi.org/10.1111/joss.12300>. (R)

Presentations

- Hayward, L., Wedel, A. & McSweeney, M. Consumer acceptability of beer made with sage, nettle and dandelion. 2018 Nova Scotia Horticulture Congress. January 22-23, 2018. Wolfville, Nova Scotia, Canada.
- McSweeney, M. Using 3D printing to create novel food products from ugly fruits and vegetables. HNS Harvest End Breakfast. November 9, 2017. Wolfville, Nova Scotia, Canada.
- Smith, A. & McSweeney, M. Investigating consumers' perception of NS white wine using projective mapping. Atlantic Schools of Business Conference. September 29-30, 2017. Wolfville, Nova Scotia, Canada. (R)
- Trudel, A., Sears, D. & McSweeney, M. Sensory marketing: Influencing consumer behavior and potential for enhancing the consumption experience. Atlantic Schools of Business Conference. September 29-30, 2017. Wolfville, Nova Scotia, Canada. (R)
- Morin, M. & McSweeney M. Effect of food matrix on the flavor attributes of alternative grains. 12th Pangborn Sensory Symposium. August 20-24, 2017. Providence, Rhode Island, U.S.A. (R)



Sears, D., McSweeney, M., Weatherbee, T. & Jantzi, H. The preference for pleasure: Exploring the multidimensional nature of the hedonic sensory experience. 12th Pangborn Sensory Symposium. August 20-24, 2017. Providence, Rhode Island, U.S.A. (R)

Research Grants

2018 Canadian Foundation for Innovation John R. Evans Fund (JELF) (\$78,582):
Characterizing food for health

2018 Industrial Research Assistance Program (\$5,000): Sensory evaluation of hydrolyzed fish collagen

2017 Productivity and Innovation Voucher Program (\$15,000): Creation of new food products from cricket powder

2017 Productivity and Innovation Voucher Program (\$15,000): Creation of artisanal tonic waters

- A sensory trial was completed for Kenney & Ross Ltd. through the Industrial Research Assistance Program (IRAP)
- Food product development and sensory analysis was completed for GubGub Foods Inc. through the Productivity and Innovation Voucher Program
- Food product development and sensory analysis was completed for Muwin Estates through the Productivity and Innovation Voucher Program
- Sensory evaluation trial on the effect harvest date on hops' aroma was completed as part of a research project with Dr. Karine Pedneault (Universite Sainte-Anne)
- Sensory evaluation trial on pulse-based products was completed as part of a research project with Dr. Marcia English (St. Francis Xavier University)
- Sensory evaluation trial on frozen lobster was completed as part of a research project with Dr. Marcia English (St. Francis Xavier University)
- A collaborative research project with Dr. Donna Sears (FC Manning School of Business) on consumer's hedonic assessment of wine is ongoing
- Sensory evaluation trials and other research projects completed this year: Nova Scotia white wine, bread made from alternative grains, breakfast custard for those living with dysphagia, and 3D food printing.

Student Supervision

BSNH - 3

Catherine Morley

Sabbatical 2017-2018

