The Mailroom Door

June 2015

Message from the Chair

With about 2 weeks left in my second and final term as chair it is with mixed feelings that I write this "message from the chair". To be sure, I am looking forward to being relieved from the various responsibilities I have grown fond of calling "chairmanly". But, despite some of the very tough spots that came with the job, I can honestly say that I have really enjoyed it. Probably the most important reason for this feeling is that we are an excellent department with outstanding and collegial researchers, teachers and mentors; a department with a superb administrator and staff with unmatched expertise. The Department's excellence and ability to work toward common goals enabled us to win the so-called "space wars" (indeed beneficial space transformations are happening right now throughout the Psychology & Neuroscience Tower of the LSC), to hire two behavioral epigeneticists and to change our name to reflect the reality of who we are. Among many other achievements, we developed several new certificate programs, launched an on-line version of our Intro class (with labs!), developed a cutting edge CREATE program (RADIANT), have been exceptionally successful at grantsmanship and continue to offer graduate programs that attract amazing students. I am very pleased and proud to have been at the helm while we have accomplished so much. I am so glad that Tara Perrot has agreed to be the next chair and that Paddy McMullen will serve as acting chair beginning July 1, during Tara's 1/2 year sabbatical. I am sure that under Tara's leadership our Department will continue to shine.

Ray Klein Chair, Psychology and Neuroscience

Congratulations to….

Congratulations are extended to the following department members for their achievements and awards.

Hélène Deacon for being awarded a Faculty of Science Killam Professorship.

Sherry Stewart on receiving the following two awards: The Canadian Progress Club's 25th Progress Women of Excellence Award (Education and Research) and the Professional of Distinction category, 2014 Discovery Awards for Science and Technology.

Simon Sherry for winning the 2015 Scientist-Practitioner Early Career Award from the Clinical Section of CPA.

Bradley Bergey, Postdoctoral Fellow, for his new job to begin in early 2016! Bradley will be Assistant Professor of Educational Psychology in the Department of Secondary Education & Youth Services at Queens College, City University of New York.

Catherine Mimeau, Postdoctoral Fellow, for receiving a two-year postdoctoral funding award from Fonds de recherche du Québec – Société et culture (FRQSC) for her work on orthographic and semantic learning during reading development!

Chris Cowper-Smith for winning the BDC Young Entrepreneur Award!

Katelynn Boerner who was named a 2014 APA Dissertation Research Award Winner!

Meghan Schinkel for being awarded a 2014 Society of Pediatric Psychology's Marion and Donald Routh Student Research Grant.

Kathryn Rancourt for winning a Trainee Research Award from the Canadian Pain Society. Kate was also this year's recipient of the APNS Brian Dufton Award for Outstanding Graduate Achievement in Psychology.

Marcel Peloquin for receiving the best graduate student oral presentation at Psychiatry Research Days for his presentation "The effect of snus on alcohol-related cigarette administration in dependent and non-dependent smokers".

Therese Chevalier has accepted a position as a Forensic Neuropsychologist at the Alberta Hospital with Alberta Health Services.

Marcus Juodis has accepted a position at the London Family Court Clinic in London Ontario.

Elizabeth MacKay and Hannah Horne-Robinson for receiving NSERC USRAs. And to Elizabeth MacKay for also receiving an IWK Summer Studentship award.

A number of our undergraduate students received awards at the latest Impact Awards ceremony.
Faculty Leadership Award: Dan Nicholson (NESC)
Golden D's: Zahraa Cherri (NESC) and Anthony Saikali (NESC)
Rising Star awards: Katherine Beaton (NESC), Jessica Melanson (PSYO), Sebastien Clairmont (NESC)
Residence Life Leader awards: Xavier Hartley (PSYO), Meredith Ivany (PSYO), Laura Lowe (PSYO)
Resider Life Impact awards: Tareq Yousef (NESC)
Certificate of Distinction: Ashley Whelan (NESC)

Chelsea Quinlan and her partner Dan on the birth of their son Finlay, who was born on November 16, 2014.

Kristen and Jon Bailey on the birth of their daughter Eden, born on March 22, 2015.

Thank You's

Thank you to Ray Klein for all of his hard work and dedication as Chair of our Department for the last 7 years.

As always, a very special thank you to Nancy Gibbons for putting on a fabulous reception after our Annual D.O. Hebb Memorial Lecture. We would also like to thank her for overseeing and arranging the various moves and technical details of the many renovation projects happening in the department. She has taken care of many behind the scenes arrangements in efforts to try and make things happen smoothly. I'm sure she has lost sleep over it all!

A huge thank you to Erin Sparks, Kyle Levesque, and Rebecca Tucker who made up the organizing crew for the *Atlantic Conference on Reading and Language Acquisition* (ACRLA)! There were 38 attendees, some from as far as Belgium and Brazil! There were great presentations and posters – thank you to all who participated. And thank you for funds from Dalhousie (our Dep't and Faculty of Science) as well SMU and MSVU whose contributions made this event possible.

Thank you Bud Eisener for making the benches for the rooftop patio. We hope you all get the chance to take a few minutes and enjoy the sunshine.

Leanne Stevens would like to thank the students who helped out with the Dalhousie Discovery Days May 7-8, 2015.
Tareq Yousef (recent grad (soon to be graduate student) - Neuroscience)
Zahraa Cherri (recent grad - Neuroscience)
Dale Miller (recent grad - Neuroscience)
Jay Fradette (4th year - Psychology)

In total, they ran 6 1-hr sessions covering topics from neurons to perception to memory, and had 90 students (grades 8 & 9) participate.

Items of Interest

Main Office Renovations

The Psychology and Neuroscience Main Office is finally receiving a needed update.

Before—minus the clutter!

During—our temporary digs. Stay tuned for after!

Pain Beyond Pregnancy

The latest edition of the Izaak which includes an article with Drs. Christine Chambers and Natalie Rosen as well as a feature on Dr. Isabel Smith. http://digitallibrary.iwkfoundation.org/i/411642-izaak-fall-2014-winter-2015

Canadian Initiative on Substance Abuse

"The Minister of Health for Canada, Rona Ambrose, announced May 2nd, the creation of a new national intervention network, the Canadian Initiative on Substance Abuse. This investment of $7.2 million will go towards the establishment of a consortium of four research teams: Quebec-Maritimes (Université de Montréal), Ontario (Centre for Addiction and Mental Health), Prairie (University of Alberta) and British Columbia (University of British Columbia). The mandate is to accelerate the transfer of scientific knowledge towards the development of new treatments, including pharmaceutical approaches and psychological interventions for drug users. We are pleased to announce that Sherry Stewart is leading the Maritime team for the Quebec- Maritime research node. The Maritime team is comprised of researchers, funders, health systems, practitioners and community partners from each Maritime province."

Books for Africa

Richard Brown
From December 2-14 I taught in the IBRO Behavioural Neuroscience School in Nairobi, Kenya.

Thanks to your generosity I was able to take 28 neuroscience-related books to give to the students. The books were available throughout the course and then each student had their name drawn and could choose a book.

As there were 20 students, some received two books. The students were extremely thankful for receiving the books and wrote me thank-you notes. I reprint 4 such notes here, to show how important these books are for them:

1. With gratitude I received a textbook on learning and adaptive behaviour. This will go a long way in my research career as this wouldn't have been easily possible in my country, Zambia. From Stephen
2. Thank you so much for the great gesture [in donating the book]. I am so happy for the gift. The book "Displaying your Findings" will assist me in writing and also improve my writing styles. Oladurin, Nigeria
3. We do not have neuroscience or behavioural design books in our libraries. This is to really say thank you very much. The information contained in the books will be useful for designing my PhD project. Christopher, Kenya.
4. In deep and sincere appreciation for the gift of the books I have received. Thanks to the kind donors of the books, which will be immeasurably useful to me in my future research and teaching career. Uzokwe, South Africa.

In the News

How you deal with stress could be related to your genes. Dr. Ian Weaver in the Dal News.

The sobering reality of alcohol abuse. *Simon Sherry and Cynthia Ramasubbu in the Chronicle Herald.*

Study aims to help those who are hard of hearing. (Read)

Study aims to help those who are hard of hearing. (Watch)
Ali Muise-Hennessey on Global News.

Chris Cowper-Smith and his company won the $100K BDC Young Entrepreneur Award. Graduate Student Chris Cowper-Smith

Graduate Program

Congratulations to those current and incoming graduate students who have received new scholarships for 2015-2016:

CIHR

Masters:	*Doctoral:*
Ioan Mahu	Kristen Higgins
Sarah Peverill	Megan Schinkel
Perri Tutelman	
Christiane Whitehouse	

NSERC

Masters:	*Doctoral:*
Chris Friesen	Nick Snow
Sarah Kraeutner	
Emily Patrick	

Killam-1

Sarah Peverill	Perri Tutelman

Killam-2

Austin Korgan	Tamara Speth

Eliza Ritchie Doctoral Entrance Scholarship
Ivy-Lee Kehayes

NSHRF

Katelyn Boerner	Annie Chinneck
Melissa Howlett	Ioan Mahu
Kim Tan-McNeill	

NSGS

Masters:	*Doctoral:*
Ioan Mahu	Will Gendron
Sarah Peverill	Melissa Howlett
Perri Tutelman	Sarah Kraeutner
Christiane Whitehouse	Ali Muise-Hennessey
	Nick Snow

IWK Graduate Scholarship
Katelyn Boerner

Dr. Mabel E. Goudge Scholarship in Psychology
Kathleen Merwin

Pain in Child Health (PICH)
Katie Birnie

Rehabilitative and Diagnostic Innovation in Applied NeuroTechnology (RADIANT)

Lyam Bailey	Mohammed Habibnezhad
Emily Jarvis	Nicholas Snow

Publications

Barrett, S. P., Collins, P. & Stewart, S. H. (2015). The acute effects of tobacco smoking and alcohol consumption on video-lottery terminal. *Pharmacology, Biochemistry and Behavior*, 130, 34-39.

Battista, S. R., Mackinnon, S. P., Sherry, S. B., Barrett, S. P., MacNevin, P. D., & Stewart, S. H. (in press). Does Alcohol Reduce Social Anxiety in Daily Life? A 22-Day Experience Sampling Study. *Journal of Social and Clinical Psychology*.

Chevalier, T.M., Parrila, R., Ritchie, K., & Deacon, S.H. (In Press). The role of metacognitive reading strategies, metacognitive study and learning strategies, and behavioural study and learning strategies in predicting academic success in students with and without a history of reading difficulties. *Journal of Learning Disabilities.*

Chinneck, A., Mackinnon, S. P., Stewart, S. H. (in press). Investigating Possible Reciprocal Relationships between Depressive and Problem Gambling Symptoms in Emerging Adults. *Canadian Journal of Psychiatry*

Christie, J. J., Hilchey, M. D., Mishra, R. & Klein, R. M. (in press), Eye movements are primed toward the centre of multiple stimuli even when the interstimulus distances are too large to generate saccade averaging, *Experimental Brain Research*.

Clouter, A., Wilson, R., Klein, R. M., Allen, S. & Eskes, G. A. (2015) The influence of verbal and spatial

working memory load on the time course of the Simon effect." *Journal of Experimental Psychology: Human Perception and Performance* 41(2) (2015): 342-355.

Deacon, S.H., Tong, S., & Francis, K. (in press). The Relationship of Morphological Analysis and Morphological Decoding to Reading Comprehension. *Journal of Research in Reading*.

Dukewich, K. & Klein, R. M. (2015) Inhibition of return: A phenomenon in search of a definition and a theoretical framework, *Attention, Perception and Psychophysics*, 77(5), 1647-1658

Harris, J., Cowper-Smith, C., Klein, R. M. & Westwood, D. (in press) Further Evidence Against a Momentum Explanation for IOR. *PLOS ONE*.

Hilchey, M. D., Saint-Aubin, J. & Klein, R. M. (in press) Does bilingual exercise enhance cognitive fitness in traditional non-linguistic executive processing tasks? In J. Schwieter (Ed.) *The Cambridge Handbook of Bilingual Processing*. Cambridge: Cambridge University Press.

Hilchey, M. D., Hashish, M., MacLean, G. H., Satel, J., Ivanoff, J.& Klein, R. M. (2014) On the role of eye movement monitoring on inhibition of return in a go/no-go task, *Vision Research*, 96, 133-139.

Hudson, A., Wekerle, C., & Stewart, S. H. (2015). Associations between personality and drinking motives in adolescents involved in the child welfare system. *Personality and Individual Differences, 81*, 84-89.

Ishigami, Y. & Klein, R. M. (in press) Repeated measurement of the components of attention of young children using the Attention Network Test (ANT): Stability, isolability, robustness, and reliability. *Journal of Cognition and Development*.

Jones, S. A. H., Butler, B., Kintsel, F., Salmon, J. P., Klein, R. M. & Eskes, G. A. (in press) Measuring the components of attention using the Dalhousie Computerized Attention Battery (DalCAB), *Psychological Assessment*.

Keough, M. T., O'Connor, R., Stewart, S. H., & Sherry, S. B. (2015). Context counts: Solitary drinking explains the association between depressive symptoms and alcohol-related problems in undergraduates *Addictive Behaviors*, 42, 216-221.

Klein, R. M., Christie, J. J. & Parkvall, M. (in press) Does multilingualism affect the incidence of Alzheimer's disease?: A world-wide analysis by country. *Brain, Cognition and Culture: An Interdisciplinary Journal of Cognitive Science,*

Klein, R. M., Wang, Y., Dukewich, K. R., He, S. & Hu, K. (in press) On the costs and benefits of repeating a non-spatial feature in an exogenous spatial cueing paradigm. *Attention, Perception & Psychophysics*.

Klein, R. M. (2015) Is there a benefit of bilingualism for executive functioning? *Bilingualism: Language and Cognition*, 18(1), 29-31.

Korgan, A, Vonkeman, J, Esser, MJ, Perrot, TS (2015) An enhanced home cage modulates hypothalamic CRH-ir labeling in juvenile rats, with and without sub-threshold febrile convulsions. *Developmental Psychobiology*, 57(3), 374-81.

Lambe, L., Mackinnon, S. P., & Stewart, S. H. (in press). Dyadic conflict, drinking to cope, and alcohol problems: A psychometric study and longitudinal actor-partner interdependence model. *Journal of Family Psychology*.

LeRoux, A, Wright, LD, Perrot, TS, Rusak, B (2014) Impact of menstrual cycle phase on endocrine effects of partial sleep restriction in healthy women. *Psychoneuroendocrinology*, 49C, 34-46.

Mackinnon, S. P., Kehayes, I. L., Clark, R., Sherry, S. B., & Stewart, S. H. (2014). Testing the 4-Factor model of personality vulnerability to alcohol misuse: A 3-Wave 1-Year longitudinal study. *Psychology of Addictive Behaviors*, 28, 1000-1012.

Mackinnon, S. P., De Pasquale, D., & Pratt, M. W. (in press). Predicting generative concern in young adulthood from narrative intimacy: A 5-year follow-up. *Journal of Adult Development*.

MacLean, G. H., Klein, R. M. & Hilchey, M. D. (in press) Does oculomotor readiness mediate exogenous capture of visual attention? *Journal of Experimental Psychology: Human Perception and Performance.*

McGrath, D. S., Peloquin, M. P., Ferdinand, J. C., & Barrett, S. P. (2015). Acute effects of nicotine on alcohol cue-reactivity in nondependent and dependent smokers. *Experimental and Clinical Psychopharmacology*, *23*(1), 29–36. doi:10.1037/a0038606

Mitchell, D.E., Crowder, N.A., Holman, K., Smithen, M. and Duffy, K. R. Ten days of darkness causes temporary blindness during an early critical period in felines. *Proceedings of the Royal Society London* Series B 282: 2015 Mar 22:282(1803)20142756..doi.org/10.1098/rspb.2014.2756

Mitchell, D.E., MacNeil, K., Crowder, N.A., Holman, K. and Duffy, K.R. The recovery of visual functions in amblyopic felines following brief exposure to total darkness. *Journal of Physiology* (submitted)

Mullane, J. C., Corkum, P., Klein, R. M., McLaughlin, E. N., & Lawrence, M. A. (in press). The development of alerting, orienting, and executive attention in childhood. *Developmental Neuropsychology*.

Olthuis, J., Watt, M. C., MacKinnon, S. P. & Stewart, S. H. (2015). CBT for High Anxiety Sensitivity: Alcohol Outcomes. *Addictive Behaviors, 46*, 19-24.

Olthuis, J. V., Watt, M. C., Bailey, K., Hayden, J. A., & Stewart, S. H. (2015). Therapist-supported Internet cognitive behavioural therapy for anxiety disorders in adults. *Cochrane Database of Systematic Reviews*, Issue 3. DOI:10.1002/14651858.CD011565.

Olthuis, J. V., Stewart, S. H., MacKinnon, S., & Watt, M. C. (2014). Telephone-delivered CBT for high anxiety sensitivity: A randomized control trial. *Journal of Consulting and Clinical Psychology, 82, 1005-1022*.

Peloquin, M. P. J., McGrath, D. S., Telbis, D., & Barrett, S. P. (2014). Alcohol and tobacco cue effects on craving in non-daily smokers. *Experimental and Clinical Psychopharmacology*, *22*(6), 502–510. doi:10.1037/a0038250

Reichertz, M., Maycock, B., & Klein, R. M. & (in press) Lighting, its influence on drawing strategies, *Visual Arts Research.*

Saint-Aubin, J., & Klein, R. M. (in press). Capturing reading processes in connected texts with eye movements and a letter detection task. In: R. K. Mishra, N. Srinivasan, & F. Huettig. *Attentional and Visual Processes in Language Processing*. New Delhi: Springer.

Song, S., Mitchell, D.E., Crowder, N.A., Duffy, K.R. Postnatal accumulation of intermediate filaments in the cat and human primary visual cortex. *Journal of Comparative Neurology* 2015, Mar 30. doi: 10.1002/cne.23781

Stewart, M.J., Stewart, S.H., Yi, S., & Ellery, M. (2015). Predicting gambling behaviour and problems from implicit and explicit positive gambling outcome expectancies. *International Gambling Studies, 15*, 124-140.

Presentations

Chevalier, T.M., Berard, J.A., Rees, L.M., & Walker, L.A.S. (2015). *Baseline memory impairment may not predict further decline in patients with relapsing-remitting multiple sclerosis.* Poster presented at the 25th Annual Rotman Research Institute Conference in Toronto, ON, March 2015.

Christie, J., Hilchey, M. D., Singh, N., Kavyani, M. & Klein, R. M. (2015, May) *Priming eye movements: On the timecourse of global and local activation of the oculomotor system by arrays of uninformative peripheral visual stimuli,* Presented at the 27th annual meeting of the Association for Psychological Science (NYC, USA)

d'Entremont, G., Redden, R. S., Lawrence, M. A. & Klein, R. M. (2015, June) Looking at endogenous prior entry effects in baseball judgements at first base. Presented at the 25th Annual Meeting of the Canadian Society for Brain, Behavior and Cognitive Science (Ottawa, Canada)

Gadbois, S. "Training sniffer dogs as lab and field research assistants: What they can teach us" at the 41st Applied Behaviour Analysis International conference in San Antonio, Texas as a B.F. Skinner Lecture Series guest speaker.

Hassan,T. A., Klein, R. M. & Wilson, G. C. (2015, June) The Attention Trip: A Game-Like Task for Assessment of Attention Networks. Presented at the 25th Annual Meeting of the Canadian Society for Brain, Behavior and Cognitive Science (Ottawa, Canada)

Klein, R. M. (2015, May) What cognitive processes are likely to be exercised by bilingualism and does this exercise lead to extra-linguistic cognitive benefits? Bilingualism and Executive Control: An Interdisciplinary Approach (an NSF sponsored workshop, NYC)

Mackinnon, S. P. (2015, May). *Increasing power without increasing sample size.* In R. Klatzky (Chair), Making your research more reproducible. Symposium conducted at the 27th Annual Conference of the Association for Psychological Science, New York.

Mishra, R. K., Prasad, S., Jayaraman, S., Patil, G. & Klein, R. M. (2014 November) *Oculomotor Inhibition of Return in Deaf*, Paper presented at the 55th Annual meeting of the Psychonomic Society (Long Beach, USA)

Redden, R. S., Hilchey, M. D & Klein, R. M. (2014, November) *No Evidence for Object-Based Oculomotor Inhibition of Return: Abrams and Dobkins (1994) Revisited*, Paper presented at the 55th Annual meeting of the Psychonomic Society (Long Beach, USA)

Redden, R. S., Hilchey, M. D. & Klein, R. M. (2015, June) Dissociating Performance Dynamics in the Aftermath of an Uninformative Cue: Input or Output Effect? Presented at the 25th Annual Meeting of the Canadian Society for Brain, Behavior and Cognitive Science (Ottawa, Canada)

Important Dates

July 1	Canada Day - University closed
July 2	Last day to Apply to Graduate in October 2015 via Dal Online
August 3	Halifax/Dartmouth Natal Day - University closed
September 7	Labour Day - University closed
September 10	Classes begin, fall term Last day to register
September 25	Terry Anders Memorial Lecture
October 2	Clinical Community Recognition Award and Reception
October 5-6	Fall Convocations
October 9	Last day to change fall term courses from audit to credit (and vice versa)* Last day to drop fall term courses without a "W" **
October 12	Thanksgiving Day, University closed
October 16	Undergraduate Awards Day/Open House
November 6	Last day to drop fall term courses with a "W"* Last day to drop X/Y courses without a "W"* Last day to change X/Y courses from audit to credit (and vice versa)**
November 11	Remembrance Day—University closed
November 12	Study Day (except students in co-op, clinics or internships) - no classes (University open)

2015-16 Committees

Departmental

Planning/Advisory

R. Klein, L. Phillmore, G. Eskes, S. Barrett, S. Jacques

Chair P. McMullen (F)/T. Perrot (W)

Clinical Program

P. Corkum, S. Sherry, N. Rosen, S. Barrett, E. Ply, S. Stewart, C. Chambers, A. Pencer, G. Eskes (GPC rep)
Dept Chair or Rep, B. Hanisch, Representatives from other universities & clinical community

Director S. Barrett

Field Placement Coordinator E. Ply

Graduate Program

G. Eskes, N. Crowder (Neuroscience), C. Chambers (Clinical), A. Newman (RADIANT), S. Barrett (DCT)
H. Deacon (Experimental), T. Taylor-Helmick, T. Franklin

Chair G. Eskes

Ombudsperson TBD (not a voting member)

Undergraduate Program

L. Phillmore, J. Stamp, J. Christie, D. Phillips, R. Klein, L. Stevens, S. Gadbois, T. Juckes, A. Newman,
J. Borycz, H. Deacon, N. Gibbons, S. King, DAPS rep, UNS rep

Chair L. Phillmore

Neuroscience & B.Med. Sci. rep J. Stamp / J. Borycz

Science Atlantic Rep J. Stamp

Curriculum Map J. Christie

Awards H. Deacon

International Exchange A. Newman

Letters of Permission T. Juckes

Transfer Credits S. Gadbois

Honours Advising R. Klein (PSYO); D. Phillips (NESC)

Space & Infrastructure

R. Klein (Chair), S. Jacques, J. Christie (UGPC rep), I. Weaver (1st floor reno),
S. Sherry, N. Gibbons, grad student rep

Personnel

N. Crowder (Workshop & Surgery), K. Duffy (Histology & Animal Care), N. Gibbons,
S. Price (Animal care technicians)

Health & Safety

I. Weaver (Chair), T. Franklin (F)/K. Duffy (W), B. Rusak, N. Gibbons, S. Price

Outreach

L. Stevens/N. Rosen (Co-Chairs), T. Franklin, A. Newman, J. Christie, T. Juckes, S. King, P. Devlin, student

Appointments

S. Jacques (Chair), K. Duffy, P. Corkum, S. Gadbois

Colloquium

N. Rosen, I. Weaver, graduate students

In-house Conference

S. Jacques, S. King, students

Departmental Ethics

J. Christie, H. Deacon, E. Ply, B. Hanisch

Faculty of Science

Undergraduate Research S. Gadbois

Promotion & Tenure R. Klein

Curriculum Committee L. Phillmore

Senate Rep S. Barrett

Nominating Committee P. Corkum

Economics Chair Advisory S. Sherry

Institutional

Animal Ethics (UCLA) N. Crowder

Human Ethics (Social) T. Taylor-Helmick

Human Ethics (Social) D. Phillips

Human Ethics (Health) S. Stewart

FGS-NSHRF Scholarships K. Duffy

FGS-PhD Defence Rep A. Newman, T. Perrot

FGS-Killam Scholarships H. Deacon