



UNIVERSITY  
OF MANITOBA

# *Head's Up!*

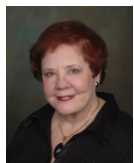
Department of Psychology  
March 21, 2017

Head's exploding, actually! For at what point does a newsletter turn into a recent history of our department? Turns out, at about 6 months in our case. But what better time for renewal than this, the beginning of Spring, when our minds in academia naturally turn to the subject of **amazing accomplishments** like these:

## ***Happy 70<sup>th</sup> Birthday, Department of Psychology!***

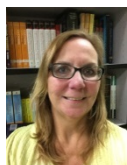
The 1946-47 academic year was our first as a self-standing department at the University of Manitoba. Before that, we were a subfield of Philosophy. Did you know that our first Department Head, **Dr. Henry Wright**, labored for 23 years (while teaching the entire curriculum) to bring the department, as such, into being? Philosophy may outlast us, but we're sure going strong – just read on!

## ***Highest Honours***



In an inspiring start to 2017, **Dr. Rayleen DeLuca**, who retired from our department last year, was appointed **Member of the Order of Canada** for her contributions as a clinical child psychologist and for her dedication to improving the lives of vulnerable Canadian children and families. You can read more about her life's work and the Order of Canada here: <http://news.umanitoba.ca/faculty-and-alumni-appointed-to-order-of-canada/>. Congratulations, Rayleen!

## ***Welcome***



**Ms. Sandra Dufour**, who joined us back in October as a new Office Assistant at the **Psychological Service Centre**.

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# **Look Who's Talking ... There!**



**Dr. Debbie Kelly** and **Dr. Dawson Clary's** research on animal cognition was recently featured in *The Atlantic*. Forgive the expression (since they do study corvids) but "Holy crow!" Check out the *Atlantic* piece ... [https://www.theatlantic.com/science/archive/2017/02/what-do-animals-see-in-the-mirror/516348/?utm\\_source=atltw](https://www.theatlantic.com/science/archive/2017/02/what-do-animals-see-in-the-mirror/516348/?utm_source=atltw).

... and their scientific publication:

<http://www.nature.com/articles/srep36459>.



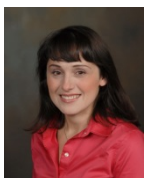
**Dr. Jacquie Vorauer's** research, showing that taking a well-known test of implicit racial bias could lower the quality of subsequent intergroup interactions, was recently featured in *New York* magazine. Check out the *NYMAG* piece ...

<http://nymag.com/scienceofus/2017/01/psychologys-racism-measuring-tool-isnt-up-to-the-job.html>

... and forthcoming publications with **Matthew Quesnel** on multiculturalism:

Vorauer, J. D., & Quesnel, M. (in press). Ideology and voice: Salient multiculturalism enhances minority group members' persuasiveness in intergroup interaction. *Social Psychological and Personality Science*.

Vorauer, J. D., & Quesnel, M. (in press). Salient multiculturalism enhances minority group members' feelings of power. *Personality and Social Psychology Bulletin*.



**Dr. Katherine Starzyk** recently took part in the U of M's *Visionary Conversations Across the Nation* series. With a panel that included **Ry Moran** of the **National Centre for Truth and Reconciliation** and **President David Barnard**, Katherine spoke with alumni in Vancouver and Victoria about the human rights research in her laboratory and how people might get involved in reconciliation efforts. In one project, with partners such as **Assembly of Manitoba Chiefs** and the **First Nations Health and Social Services Secretariat** and a team that includes **Dr. Jacquie Vorauer** and

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students **Katelin Neufeld**, **Matthew Quesnel**, and **Aleah Fontaine**, as well as **Dr. Danielle Gaucher** of the **University of Winnipeg**, and others, she investigates how to frame the issue of First Nations water and wastewater services to increase concern among non-Indigenous peoples in Canada. This month ***Water Canada*** magazine, with a readership of approximately 72,000 people, is featuring her work as well as that of collaborators in the legal and economic clusters supported by the SSHRC Partnership Development grant entitled, *The Most Precious Gift: The Right to Clean Water in First Nations*. And here are some of their recent and forthcoming publications:

Boese, G. D. B., Neufeld, K. H., & Starzyk, K. B. (2017). The validity of self-report measures in assessing historical knowledge: The case of Canada's Residential Schools. *International Indigenous Policy Journal*, 8.

Starzyk, K. B. (2017, March). Is water a human right? Asking this question leads people to support more government action on First Nation water issues. *Water Canada*. Toronto, ON, Canada: Actual Media.

Neufeld, K. H., Gaucher, D., Starzyk, K. B., & Boese, G. D. (2017, January 19). *Evoking feelings of community connection increases support for addressing injustice in minority outgroup communities*. Poster presented at the Intervention Science Preconference at the 18<sup>th</sup> Annual Convention of the Society of Personality and Social Psychology, San Antonio, TX.

Neufeld, K. H., Starzyk, K. B., & Gaucher, D. (2017, January 21). *The initial development of the Political Solidarity Measure: A tool for social change*. Poster presented at the 18<sup>th</sup> Annual Convention of the Society of Personality and Social Psychology, San Antonio, TX.



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# ***Look Who's Talking ... Here!***



**Dr. Raymond Hubbard, Thomas F. Sheenan Professor of Marketing,  
College of Business & Public Administration, Drake University**

March 17, 2017

***“Corrupt Research: The Case for Reconceptualizing Empirical  
Management and Social Science (2016), Sage Publications, Inc.:***

***Thousand Oaks, CA”***

Challenges the believability of published empirical findings based on the significant difference paradigm, and proposes an alternate approach focusing on the discovery of replicable and generalizable results.



**Dr. Susan Graham, Department of Psychology, University of Calgary**

March 10, 2017

***“Words are not enough: Preschoolers’ integration of perspective  
and emotion guides their communicative understanding”***

Examines the developmental emergence of perspective-taking – in particular the inferences that preschoolers make about a speaker’s communicative intent, based on cues within the communicative context (i.e., a speaker’s visual access to information) and within the speech signal itself (i.e., emotional prosody).



**Darren Neufeld, Ph.D. Student (Psychology)**

**Clinical Health Psychology Intern, Dept. of Clinical Health Psychology,  
University of Manitoba**

**Vineberg Award Winner**

March 3, 2017

***“Burning with envy? Dispositional and situational influences in envy in  
grandiose and vulnerable narcissism”***

Examines the pathways, both personality-based (i.e., dispositional envy) and situational (i.e., relative deprivation, sense of entitlement), by which different types of narcissism are linked to feelings of envy.

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**Dr. Kimberly Schonert-Reichl, Professor & Director,  
Human Early Learning Partnership, Faculty of Medicine,  
University of British Columbia**

February 10, 2017

***“The School-Based Promotion of Children’s Empathy,  
Kindness, and Altruism: Emerging Research, Lingering Questions, and Directions  
for Future Research”***

Discusses the critical role that self-regulation and social/emotional understanding and empathy play in students’ successful development, and describes recent innovations and efforts in the US and Canada to develop universal school-based social and emotional competence promotion programs from research and theory in the fields of mindful attention awareness, social and emotional learning, and positive psychology.



**Dr. Johnson Li, Department of Psychology, University of Manitoba  
Teaching Award Winner**

February 3, 2017

***“Helping Psychology Students to Learn and Understand”***

Discusses underlying issues that make statistics a challenging subject, and some future directions using a student-centered/active learning approach that show promise to improve the teaching and learning of statistics in psychology.



**Dr. Tara Perrot, Professor and Chair, Dept. of Psychology &  
Neuroscience, Dalhousie University**

January 20, 2017

***“Maternal and Paternal Effects on Offspring Stress Response  
Development”***

Describes, using animal models, how during the prenatal and early postnatal period, the brain regions involved in stress responding are under development -- making them sensitive to negative and positive parental life events. Does brain plasticity provide a mechanism through which parents’ stress can influence their offspring’s vulnerability or resilience to anxiety and depression? We’re going there!

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**Dr. Patrick C. Friman, Ph.D., ABPP, Vice-President of Behavioral Health, Boys Town, Clinical Professor of Pediatrics, University of Nebraska Medical School**

Friday, October 7, 2016

### ***“Behavior Analysis in the Mainstream of Everyday Life: Multiple Examples and Recommendations”***

Considers what it would take for Skinner’s vision of behavior analysis to become the reality of a mainstream science pertaining to both the minor and major problems of everyday human life – including not just developmental disability, but such common concerns, which have already benefited from behavior analysis, as these: male fertility, early child behavior problems, sleep and bedtime problems, habit disorders, and littering.



## ***New SSHRC Insight Grant to Study Everyday Physical Activity, Independence, and Resiliency in Older Adults***



Congratulations to Principal Investigator **Dr. Judy Chipperfield** and her colleagues, Drs. **Ray Perry, Christiane Hoppmann, Jeremy Hamm, Bernard Weiner, and Frieder Lang**, who begin a 5-year investigation, supported by a new SSHRC Insight Grant, to explore quality of late life in relation to adaptive mindsets and physical activity.

Apocalyptic media accounts of the *Aging Tsunami* sensationalize the destructive consequences of shifting age demographics. Yet, as more individuals live into their 8<sup>th</sup> and 9<sup>th</sup> decades of life and beyond, society will face daunting challenges due in part to an increase in their dependency. Nearly 40,000 Manitobans received home care services in 2011-12, and 4% of Canadian seniors report needing but not receiving care.

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By designing and evaluating cognitive interventions to promote resiliency and avoid functional dependency in later life, and by using innovative methods to combine objective physical activity and health service utilization measures with psychological variables, this research will facilitate the “aging in place” initiative, which aims to extend the period during which individuals live independently in their own homes.



## ***More Conference Presentations and Student Awards!***

November was a big month for **Dr. Douglas Alards-Tomalin** and his colleagues in Psychology:

Alards-Tomalin, D., Leboe-McGowan, J. P., Mondor, T. A., & Leboe-McGowan, L. C. (2016, November). *The gender-numerical congruity effect? The impact of speaker gender on parity judgments*. Poster presented at the 57<sup>th</sup> Annual Meeting of the Psychonomic Society, Boston, MA.

Alards-Tomalin, D., Mondor, T. A., & Leboe-McGowan, J. P. (2016, November). *The effect of auditory cues on co-modulation masking release: The role of attention in the detection of sounds masked by narrow-band noise*. Paper presented at the 15<sup>th</sup> Annual Auditory Perception, Cognition, and Action Meeting, Boston, MA.



At the **Undergraduate Research Poster Competition** in October, Psychology students won first and third place prizes in the Social Sciences and Humanities category, and third place in the Natural Sciences category. Congratulations to all our presenters there, and notably:



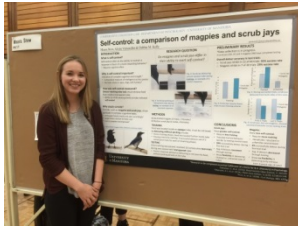
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**Rory Waisman** (advisor: **Dr. Johnson Li**) - Social Sciences & Humanities, First Place  
- for "Cautionary tale: Overestimation of scale reliability is risky business"

**Aleah Fontaine** (advisor: **Dr. Jacquie Vorauer**) - Social Sciences & Humanities,  
Third Place - for "Power and Status Incongruence, Ethnicity, and Gender: A Meta-  
Analysis"



**Meara Stow** (advisor: **Dr. Debbie Kelly**) - Natural Science,  
Third Place - for "Self-control: a comparison of magpies and  
scrub jays."

\* \* \*



Kudos to **Rory Waisman** who has also won the Centre for the  
Advancement of Teaching and Learning **Students' Teacher  
Recognition Reception Award** in the Faculty of Arts for academic  
excellence and outstanding contributions to departmental and  
university activities, student life, and community service.

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**Aryan Riahi** and **Matsya Thulasiram** have been awarded **NSERC Undergraduate  
Student Research Awards**. Congratulations, Aryan and Matsya!

\* \* \*

Congratulations to the following **Psychology Undergraduate Research Experience  
(PURE) Award** recipients: **Marcello Nesca, Teaghan Pryor, Jordyn Stewart,  
Katrina Zmavc, and Tyler Kempe.**



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Thanks to the following **UPSA** members for their assistance in representing the Department of Psychology at *Info Days*: **Shayla Livingstone, Pamy Santiago, Marlo Grant, Seth Kamabu, Alana Signore, Leora Strand, Lisa Chernitsky** and **Breanna Duncan**.

\* \* \*

On Friday, March 3, we held ***Researchpalooza 2017: A Celebration of Student Research***



And the most effective poster at Researchpalooza, as judged by this year's **PSYC 4520 class** was (drumroll ...)

“ Infants Name Discrimination in Conversational Multi-Talker Background Noise” by **Alex Holt, Dana Bernier, & Melanie Soderstrom**

Congratulations, Alex, Dana, and Melanie – and thanks to all the presenters shown below:

**Presenter**

**Other Authors**

**Poster Title**

Francesca Silla

Why do Visual Attention Span and Four Dot Masking Tasks Matter in Good and Poor Readers

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Jacquelyn Klassen		Vowel Discrimination in German/English and French/English Bilingual Infants
Alex Holt	Dana Bernier and Melanie Soderstrom	Infant Name Discrimination in Conversational Multi-Talker Background Noise
Ryan Heckert	C. T. Yu	Is Food Always More Reinforcing than Leisure Activities for People with Developmental Disabilities? Research in Progress
Allison Dyck	Tammy Ivanco	Prenatal Valproic Acid Exposure Reduces Male Rodents' Sensorimotor Abilities, but Enhances Females' Abilities
Allison Dyck	Tammy Ivanco	Coordination Abnormalities in a Rodent Model of Autism
Jie Zhou		Math Learning Opportunity and Math Literacy Level - an Example of PISA 2012
Sydney Kingston	Roxanne Boily and Janine Montgomery	Emotion Regulation in Adolescents with Autism Spectrum Disorder: The Influence on Anxiety and Depression
Eric Douglas	Joanne Lee, Eileen Wood, and Sylvia Andrade	How Educational are Math Apps for Preschoolers?
Justine MacLean		"Men are from Mars, Women are from Venus:" Predictors and Consequences of Belief that the Sexes are Different
Kevin Kristjanson	Leisha Strachan, Emily Townshend, and Dany MacDonald	Improving Project SCORE!: Evaluating the Strengths and Weaknesses of an Online Positive Youth Development Resource
Kerri Hildebrand	Stephen Smith	Attentional Biases Toward Humor: Separate Effects of Incongruity Detection and Resolution
Caitlin Blaney	Renée El-Gabalawy	Investigating the Relationship between Rheumatoid Arthritis and Comorbid Anxiety in terms of Disease Status
Michelle Paluszek	Jessica Cameron	The Explicit Nature of Evaluative Self-esteem Beliefs
Benjamin Johnson		Effects of Test Time Limits on Student Learning in Online Instructional Systems

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Katelin Neufeld	Katherine Starzyk and Danielle Gaucher	The Development of the Political Solidarity Measure: A Tool for Social Change
Kirby Magid	Jessa Hogarth, Michelle Paluszek, and Jessica Cameron	Disclosing Self-Esteem: Anticipated Reactions to Revealing Self-Esteem to Close Others

## ***Farewell, Maria!***



**Dr. Maria Medved** waves goodbye, shown here at the Wine and Cheese reception in her honour, held on Friday, February 17, with colleagues **Dr. Jessica Cameron** and **Dr. Don Stewart**.

## ***Upcoming Event***

**Dr. Jeffrey Kleim** will be speaking at 12:00 pm in Theater C at the Bannatyne Campus on Friday April 7, 2017. His talk is entitled “Neural Plasticity and Neurorehabilitation: Encouraging the Brain to Change.”

Starting off in a small psychology program at Nippissing University in Ontario, Dr. Kleim is currently the Associate Director of the School of Biological and Health Systems Engineering in the Ira Fulton School of Engineering at Arizona State. His work on brain plasticity in brain injury and Parkinson’s Disease has moved from basic laboratory studies to more translational work. He has won numerous teaching awards and gives an outstanding talk! Thanks to **Dr. Tammy Ivanco** for letting *Head’s Up!* know.

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## ***Recent Proposal/Thesis Defenses***

**Karli Pedreira, MA Thesis Oral Defense**, Wednesday, March 15<sup>th</sup>

Evaluating the Impact of Service Setting on Early Intensive Behavioural Intervention Outcomes for Children with Autism Spectrum Disorder

**Lisa Hunter, PhD Dissertation Oral Proposal**, Wednesday, March 1

Evaluating the Effects of Feedback Type in a Computer Assisted Learning Program

**Sarah Petty, Master's Thesis Oral Proposal**, February 21

The role of high social anxiety, perceived responsiveness, and self-disclosure on friendship intimacy

**Charlotte Leferink, Master's (IIS) Thesis Oral Proposal**, Wednesday, February 15<sup>th</sup>

Visualizations of Visuomotor Strategies for Grasping a Rotating Target

**Jessica Summers, Master's Thesis Oral Proposal**, Thursday, February 9

Does mindfulness training change staff behaviours toward persons with developmental disabilities?

**Kylee Hurl, PhD Dissertation Oral Proposal**, Friday, February 3

A Meta-Analysis on the Rate of Attachment Classifications of Infants in the Strange Situation Paradigm: Distribution Across Cultures and Demographic Variables

**Evan Curtis, Doctoral Dissertation Oral Defense**, January 11

Reinterpreting selective impairments in memory: Computational and empirical simulations of dissociations in amnesia

**Amy Brown, Master's Thesis Oral Proposal**, Thursday, December 22

Evaluating an eHealth Case Management System in an Intensive Behavioural Intervention Program

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**David Cormack, Master's Thesis Oral Defense**, December 2

"Reading is Believing? A Study of the Relationship Between Website Readability and Online Credibility"

**Ryan Heckert, Master's Thesis Oral Proposal**, Monday, December 5

Preference for Food and Non-food Items of Known Reinforcing Values in People with Developmental Disabilities

**Katherine Kenyon, MA Thesis Oral Defense**, Tuesday, November 8

How Women in Domestic Violence Shelters Experience Empowerment

**Lindsay Rosenberg, Master's Thesis Oral Proposal**, October 28

When is a corner like corn? Morpho-orthographic segmenting skills in children who struggle with reading

**Jie Zhou, Master's Thesis Oral Proposal**, October 31

English-Chinese bilingual children's reading: Benefits of learning a distinct writing system to morphological processing

**Brenna Henrikson, Master's Thesis Oral Defense**, Wednesday, October 26

Is Maturation or Experience More Important in Preterm Speech Perception?