

# CURRICULUM VITAE

## JONATHAN RUSH

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### EDUCATION

- 2011 – Present      PhD, Psychology, University of Victoria  
(advisor: Dr. Scott Hofer)
- 2008 – 2010      MSc, Social Psychology, University of Victoria  
Thesis: *It's about time: Applying a daily diary design to investigate the dynamic relationships between temporal perspective and well-being*  
(advisor: Dr. Frederick Grouzet)
- 2002 – 2007      BA (Honours), Psychology, Brock University, St. Catharines, Ontario  
Thesis: *It's just a joke: Individual differences in evaluations of national group-disparaging jokes*  
(advisor: Dr. Gordon Hodson)
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### ACADEMIC DISTINCTIONS AND AWARDS

- 2014      **Society of Multivariate Experimental Psychology**  
Workshop Travel Award, \$1000
- 2011 – 2013      **Social Sciences and Humanities Research Council of Canada**  
Joseph Armand Bombardier Doctoral Scholarship, \$105 000
- 2012      **Society of Multivariate Experimental Psychology**  
Workshop Travel Award, \$1000
- 2011      **Canadian Psychological Association**  
Certificate of Academic Excellence, Recognition of Master's Thesis
- 2009      **University of Victoria, UVic Graduate Fellowship, \$13 000**

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| 2008                    | <b>Social Sciences and Humanities Research Council of Canada</b><br>Joseph Armand Bombardier Master's Scholarship, \$17 500                       |
| 2008                    | <b>University of Victoria</b> , President's Research Scholarship, \$4000  |
| 2008                    | <b>University of Victoria</b> , Graduate Scholarship, \$5000  |
| 2007                    | <b>Canadian Psychological Association</b><br>Certificate of Academic Excellence, Recognition of Honours Thesis                                    |
| 2007                    | <b>Brock University</b><br>Distinguished Graduating Student Award – Psychology, Recognition of graduating with the highest GPA                    |
| 2005/2006;<br>2006/2007 | <b>Brock University</b><br>Psychology Teaching Assistant of the Year  |
| 2002 – 2007             | <b>Ontario University Athletics</b><br>OUA All-Academic, Recognition of achieving an 80%+ average while competing as a varsity athlete (Baseball) |
| 2002 – 2006             | <b>Brock University</b><br>Scholars Award, \$10 000   |

## PUBLICATIONS

### Peer-Reviewed Journal Articles

Kelly, A. D., **Rush, J.**, Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A. M., Weber, J., Rast, P., & Hofer, S. M. (in press). Detecting short-term change and variation in health-related quality of life: Within- and between-person factor structure of the SF-36 Health Survey. *Health and Quality of Life Outcomes*.

Yoneda, T., **Rush, J.**, Berg, A. I., Johansson, B., & Piccinin, A. M. (in press). Personality changes in pre-clinical dementia. *Journal of Gerontology: Psychological Sciences*.

**Rush, J.** & Hofer, S. M. (2014). Differences in within- and between-person factor structure of positive and negative affect: Analysis of two intensive measurement studies using multilevel structural equation modeling. *Psychological Assessment*, *26*, 462-473.

Rast, P., **Rush, J.**, Piccinin, A. M., & Hofer, S. M. (2014). The identification of regions of significance in the effect of multimorbidity on depressive symptoms using longitudinal data: An application of the Johnson-Neyman technique. *Gerontology*, *60*, 274-281.

**Rush, J., Rast, P., & Hofer, S. M.** (2014). Abstract: Power to detect within- and between-person effects: A comparison of multilevel SEM and unit-weighted scale scores. *Multivariate Behavioral Research*, *49*, 298.

**Rush, J. & Grouzet, F. M. E.** (2012). It's about time: Daily relationships between temporal perspective and well-being. *Journal of Positive Psychology*, *7*, 427-442.

Hodson, G., **Rush, J.**, & MacInnis, C. C. (2010). A “joke is just a joke” (except when it isn't): Cavalier humor beliefs facilitate the expression of group dominance motives. *Journal of Personality and Social Psychology*, *99*, 660-682.

Hodson, G., MacInnis, C. C., & **Rush, J.** (2010). Prejudice-relevant correlates of humor temperaments and humor styles. *Personality and Individual Differences*, *49*, 546-549.

### Book Chapters

**Rush, J., Ong, A. D., Hofer, S. M., & Horn, J. L.** (in press). Capturing the complexity and dynamics of positive human health: Conceptual and methodological considerations. In S. J. Lopez, L. M. Edwards, & S. C. Marques (Eds.) *Oxford Handbook of Positive Psychology* (3<sup>rd</sup> Edition).

### Manuscripts under Review

**Rush, J. & Hofer, S. M.** (re-submitted September 2015). Design-based approaches for improving measurement in developmental science. *Monographs of the Society for Research in Child Development*.

## CONFERENCE PRESENTATIONS

### Paper Presentations

Rast, P., **Rush, J.**, & Hofer, S. M. (2015, November). Modeling individual differences in within-person variation using a mixed effects location scale model: The effect of physical activity on positive and negative affect. In S. McMahon (Chair), *Physical activity and health*. Symposium conducted at the Gerontological Society of America Annual Meeting, Orlando, FL.

**Rush, J. & Hofer, S. M.** (2015, July). Within-individual variability: New opportunities to investigate very short through to long term changes in psychological function. In R. Cooper (Chair) *Gazing into the crystal ball: What opportunities (and challenges) does the future hold?* Symposium conducted at the Wellcome Trust Meeting on Longitudinal Studies: Maximising their Value for Ageing Research, Cambridge, UK.

Kelly, A., Calamia, M., Muniz-Terrera, G., Piccinin, A. M., **Rush, J.**, Hassing, L., Hoffman, L., Clouston, S., Johansson, B., & Hofer, S. M. (2014, May). Independent and joint cognitive impacts of hypertension and diabetes mellitus. In S. M. Hofer (Chair), *Integrative Analysis of Longitudinal Studies of Aging: Recent multi-study research on the impact of health on cognition*. Paper symposium presented at the 22<sup>nd</sup> Nordic Congress of Gerontology, Gothenburg, Sweden.

Shafonsky, E., Kelly, A., Hayashi, A., Votova, K., Hall, C., Piccinin, A., **Rush, J.**, & Hofer, S. M. (2013). *Assessment of patient-reported outcomes using a web-based EHR patient portal*. Paper presented at the Family Medicine Forum, Vancouver, BC.

Shafonsky, E., Hofer, S. M., Hayashi, A., Votova, K., Hall, C., Piccinin, A., Weber, J., **Rush, J.**, & Kelly, A. (2013). *Continuous prospective assessment of health and well-being in aging Canadians using novel electronic portal methodologies*. Paper presented at the University of British Columbia Family Medicine Conference, Vancouver, BC.

**Rush, J.**, & Grouzet, F. M. E. (2011, July). It's about time: Applying a daily diary design to investigate the relationships between temporal perspective and well-being. In F. Grouzet (Chair), *Daily diary and experience sampling methods in positive psychology: Because each day counts*. Symposium conducted at the Second World Congress on Positive Psychology, Philadelphia, PA.

Grouzet, F. M. E., & **Rush, J.** (2010, June). Personality and social psychology of homo ecologicus. In L. Lavalee (Chair), *Understanding pro-environmental behaviour and environmental inaction: Theory and research*. Symposium conducted at the annual convention of the Canadian Psychological Association, Winnipeg, MB.

## Poster Presentations

**Rush, J.**, Rast, P., & Hofer, S. M. (2015, November). *Daily physical activity reduces mood variability in older adults: An application of a mixed effects location scale model*. Poster presented at the Gerontological Society of America Annual Meeting, Orlando, FL.

Bastarache, E., **Rush, J.**, Mroczek, D., & Hofer, S. M. (2015, November). *Replicability of well-being trajectories as predictors of health and mortality: An integrated data analysis of 10 studies*. Poster presented at the 68th Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL.

Yoneda, T., **Rush, J.**, Berg, A.I., Johansson, B. & Piccinin, A.M. (2015, November). *Personality change preceding diagnosis of dementia: A coordinated analysis*. Poster presented at the 68th Annual Scientific Meeting of the Gerontological Society of America, Orlando, FL.

**Rush, J.**, Kelly, A., Stafford, M., & Hofer, S. M. (2014, November). *The effects of daily lifestyle determinants on well-being in younger and older adults*. Poster presented at the Gerontological Society of America Annual Meeting, Washington, DC.

- Rush, J.,** Rast, P., & Hofer, S. M. (2014, September). *The moderating effect of cognitive interference on stress reactivity: An application of the Johnson-Neyman technique to probe within-person interactions*. Poster presented at the Society for Research on Child Development: Developmental Methodology Themed Meeting, San Diego, CA.
- Kelly, A., Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A., Weber, J., **Rush, J.,** Rast, P., & Hofer, S. M. (2013, November). *Short-term changes in self-reported health and associations with daily experience*. Poster presented at the Gerontological Society of America Annual Meeting, New Orleans, LA.
- Rush, J.,** Rast, P., & Hofer, S. M. (2013, October). *Power to detect within- and between-person effects: A comparison of multilevel SEM and unit-weighted scale scores*. Poster presented at the Society of Multivariate Experimental Psychology Annual Meeting, Tampa, FL.
- Rush, J.,** Sparks, C., & Hofer, S. M. (2012, February). *Within- and between-person factor structure of positive and negative affect*. Poster presented at the Society for Research on Child Development: Developmental Methodology Themed Meeting, Tampa, FL.
- Rush, J.,** & Grouzet, F. M. E. (2010, May). *Modeling and measuring daily satisfaction of psychological needs*. Poster presented at the Self-Determination Theory Conference, Gent, Belgium.
- Rush, J.,** & Hodson, G. (2009, June). *It's just a joke: Individual differences in evaluations of national group-disparaging jokes*. Poster presented at the annual convention of the Canadian Psychological Association, Montreal, QC.
- Cheung, S. W., Grouzet, F. M. E., & **Rush, J.** (2009, June). *Stop telling me what I already know! Could goal framing lead to paradoxical effects in the exercise context?* Poster presented at the Social-Personality preconference at the annual convention of the Canadian Psychological Association, Montreal, QC.

## INVITED PRESENTATIONS AND COLLOQUIA

- Rush, J.** (2015, May). *Intensive repeated measurement designs: Benefits and challenges*. Workshop presented for the Technology Integration and Evaluation Laboratory, University of Victoria, Victoria, BC.
- Rush, J.** (2015, March). *Optimizing measurement for detection of within-person change and variation*. Paper presented at the Optimizing Aging and Health: Methods and Applications Colloquium Series, Centre on Aging, University of Victoria, Victoria, BC.
- Rush, J.** (2012, November). *Introduction to Multilevel Structural Equation Modeling*. Paper presented at the Methods Lunch meetings, University of Victoria, Victoria, BC.

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## TEACHING EXPERIENCE

### Training

2004 – 2007

#### **Advanced Teaching Assistant Certificate**

Completed training sessions offered through the Centre for Teaching, Learning and Educational Technologies at Brock University.

### Experience

2014 & 2015

Guest Lecturer: *PSYC 520* Psychometrics, University of Victoria

2014

Co-Instructor (with S. M. Hofer): *PSYC 391* Recent Developments in Measuring and Optimizing Well-Being across the Lifespan, University of Victoria

2012 & 2013

Co-Instructor (with S. M. Hofer): *PSYC 492* Integrative Analysis of Well-Being, University of Victoria

2012

Co-Instructor (with S. M. Hofer): *PSYC 513* Quantitative Analysis: Multilevel and Longitudinal Data Analysis using Mplus, University of Victoria

2009 – 2011

Guest Lecturer: Social Psychology on the topic of ‘Prejudice and Discrimination’, University of Victoria

2011

Teaching Assistant: Statistical Methods in Psychology, University of Victoria

2010

Teaching Assistant: Interpersonal Relationships, University of Victoria

2009

Teaching Assistant: Social Psychology, University of Victoria

2009

Teaching Assistant: Research Methods in Psychology, University of Victoria

2006 – 2007

Seminar Leader/Teaching Assistant: Social Psychology, Brock University

2005 – 2008

Tutorial Instructor/Teaching Assistant: Statistics and Research Design in the Behavioural Sciences, Brock University

2004 – 2008

Seminar Leader/Teaching Assistant: Introduction to Psychology, Brock University

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## RESEARCH EXPERIENCE

2014 – Present

Research Assistant: Integrative Analysis of Longitudinal Studies of Aging (NIH/NIA 1P01AG043362). Advisor: A. M. Piccinin, Department of Psychology, University of Victoria. Duties: Leading international collaborations on the longitudinal changes of health and well-being; carrying out advanced longitudinal analyses; data management and coordination of multiple longitudinal datasets; providing statistical support to the research team members.

2011 – Present

Research Assistant in the Integrative Lifespan Research Laboratory. Advisor: S. M. Hofer, Department of Psychology, University of Victoria. Duties: Leading community-based research studies on the short-term intraindividual variation in health and well-being; designing and

implementing intensive measurement designs that incorporate new technologies to enhance data collection; advanced data analysis.

- 2008 – 2011      Research Assistant in the Positive and Eudaimonic Psychology (PEP) Laboratory. Advisor: F.M.E. Grouzet, Department of Psychology, University of Victoria. Duties: Study design and data collection.
- 2006 – 2008      Research Assistant in the Intergroup Relations Laboratory. Advisor: G. Hodson, Department of Psychology, Brock University. Duties: Study design and data collection.

## PROFESSIONAL SERVICE

- 2013 – Present      Consultant: Statistical consulting for Family Practice Medical Residents' research practicum, University of British Columbia.
- 2012 – Present      Ad Hoc Reviewer: *Developmental Psychology*; *European Journal of Psychotherapy and Counselling*; *Journal of Abnormal Psychology*; *Journal of Gerontology: Psychological Sciences*; *GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry*;
- 2014                  Conference Organizer: *Society of Multivariate Experimental Psychology Student Conference*, October 9-10, Tampa, FL.
- 2012 – 2013        Organizer: Methods Lunch meetings, University of Victoria. Provided faculty, postdocs, and graduate students opportunities to present methodological issues and questions that arise in their research.

## WORKSHOP ATTENDANCE

- 2014                  *N-Level Structural Equation Modeling using xxM in R*, Society for Research in Child Development – Developmental Methodology, September, San Diego, CA.
- 2012                  Trainee: *Summer Program in Aging (SPA)*, Canadian Institutes of Health Research (CIHR), May 6-11, Parksville, BC.
- 2012                  *Multilevel Structural Equation Modeling*, Society for Research in Child Development – Developmental Methodology, February, Tampa, FL.
- 2012                  *Growth Modeling: Articulating Developmental Change with Simple and Complex Growth Models*, Society for Research in Child Development – Developmental Methodology, February, Tampa, FL.