

CURRICULUM VITAE

JONATHAN RUSH

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EDUCATION & TRAINING

- 2020 – 2022 SSHRC Postdoctoral Fellow, Pennsylvania State University
Project title: *Long-term changes in daily stress processes and impact on future health and well-being*
(advisor: Dr. David Almeida)
- 2018 PhD, Psychology, University of Victoria – SSHRC CGS
Dissertation: *Understanding the dynamic nature of well-being: A multilevel SEM framework to capture intra- and inter-individual associations across multiple timescales and levels of analysis*
(advisor: Dr. Scott Hofer)
- 2010 MSc, Social Psychology, University of Victoria – SSHRC CGS
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)
- 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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RESEARCH EMPLOYMENT

- 2022 (June) – Assistant Professor, Department of Psychology, University of Victoria
2020 – 2022 SSHRC Postdoctoral Fellow: Center for Healthy Aging, Pennsylvania State University
- 2019 – 2022 Adjunct Assistant Professor, Department of Psychology, University of Victoria
- 2019 – 2020 Postdoctoral Fellow: Ambulatory Methods for Measuring Cognitive Change Cooperative grant (NIH/NIA U2CAG060408, PI: M. Sliwinski, Pennsylvania State University).

- 2018 – 2019 Postdoctoral Fellow: *A Multi-Study Replication of the Predictive Value of Intra-Individual Variability on Long-Term Changes in Cognition, Health, and Affect* Project grant (NIH/NIA R01AG050720, PI: P. Rast). Advisors: P. Rast, University of California, Davis & S. M. Hofer, University of Victoria.
- 2014 – 2018 Research Associate: *Integrative Analysis of Longitudinal Studies of Aging* (NIH/NIA 1P01AG043362). Advisor: A. M. Piccinin, Department of Psychology, University of Victoria.
- 2011 – 2014 Research Assistant in the Integrative Lifespan Research Laboratory. Advisor: S. M. Hofer, Department of Psychology, University of Victoria.
- 2008 – 2011 Research Assistant in the Positive and Eudaimonic Psychology (PEP) Laboratory. Advisor: F.M.E. Grouzet, Department of Psychology, University of Victoria.
- 2006 – 2008 Research Assistant in the Intergroup Relations Laboratory. Advisor: G. Hodson, Department of Psychology, Brock University.

RESEARCH GRANTS

- 2023 – 2025 Principal Investigator: *Day-to-Day Influence of Climate Change Distress on Daily Well-being and Climate Action Behaviours*. Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grant, \$54 572.
- 2023 – 2024 Collaborator: *National Study of Daily Experiences*. Center for Healthy Aging, Pennsylvania State University, \$10 000. PI: Almeida, D.M.
- 2021 – 2022 Co-Investigator: *An Examination of Stellate Ganglion Block for Post-Traumatic Stress Disorder: An Intensive Measurement Study*. Collaborative Health Grant, University of Victoria, \$34 000. PI: Hofer, S.M.
- Under Review Principal Investigator: *The Mental and Physical Health Impacts of Climate Change Distress in Adolescents' Daily Lives*. Canadian Institutes of Health Research (CIHR) Catalyst Grant, \$97 857. Co-PIs: Ames, Buckler.
- Under Review Principal Investigator: *Development of a 'no-code' mHealth Reserach Platform*. MITACS Accelerate Grant, \$60 000.
- Under Review Co-Investigator: *The impact of dietary and physical activity mHealth apps and their utility in the Canadian context: Cognitive and psychosocial predictors and outcomes*. Canadian Institutes of Health Research (CIHR) Project Grant, \$965 000. PI: Paterson, T.
- Under Review Co-Investigator: *A longitudinal exploration of the places, spaces, relationships, and times that influence the interrelationships between physical literacy, movement behaviours, and mental health in adolescents*. Canadian Institutes of Health Research (CIHR) Project Grant, \$1 515 000. PI: Buckler.

- Under Review **Co-Investigator:** *Testing a Novel Model of the Bidirectional Associations between the Canadian 24-hour Movement Behaviour Guidelines and Emotion Regulation in Adolescents' Daily Lives*. Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Grant, \$98 424. PI: Ames, M.
- Under Review **Co-Investigator:** *Social Camouflaging in Autistic Adolescents: Cognitive and Mental Health Factors*. Organization for Autism Research (OAR) Applied Research Competition, \$38 154. PI: Macoun, S.
- Under Review **Principal Investigator:** *Daily Social Connection, Cognitive Functioning, and Physical Health*. National Institute on Aging (NIA) R01 Research Grant. Co-PI: Charles, S.T.

PUBLICATIONS

Peer-Reviewed Journal Articles

- Rush, J.**, Ong, A. D., Piazza, J. R., Charles, S. T., & Almeida, D. M. (2024). Too little, too much, and 'just right': Exploring the 'Goldilocks Zone' of daily stress reactivity. *Emotion*. Advance online publication. <https://doi.org/10.1037/emo0001333>
- Cerino, E.S., Charles, S.T., Piazza, J.R., **Rush, J.**, Looper, A.M., Witzel, D.D., Mogle, J., & Almeida, D.M. (2024). Preserving what matters: Longitudinal changes in control over interpersonal stress and non-interpersonal stress in daily life. *Journals of Gerontology: Psychological Sciences*.
- McDowell, C., **Rush, J.**, & Sukhawathanakul, P. (2023). Does being defiant take a toll on physical health? Examining the covariation of physical health symptoms and oppositional defiance across adolescence to young adulthood. *Psychology and Health*. <https://doi.org/10.1080/08870446.2023.2280168>
- Cerino, E. S., Charles, S. T., Mogle, J., **Rush, J.**, Piazza, J. R., Klepacz, L. M., Lachman, M. E., & Almeida, D. M. (2023). Perceived control across the adult lifespan: Longitudinal changes in global control and daily stressor control. *Developmental Psychology*. Advance online publication. <https://dx.doi.org/10.1037/dev0001618>
- Apsley, A. T., Lee, S. A., Bhat, A.C., **Rush, J.**, Almeida, D. M., & Cole, S. W. (2023). Affective reactivity to daily stressors and immune cell gene expression in the MIDUS study. *Brain Behavior and Immunity*, 115, 80-88. <https://doi.org/10.1016/j.bbi.2023.09.025>
- Charles, S. T., **Rush, J.**, Piazza, J. R., Cerino, E., Mogle, J., & Almeida, D. M. (2023). Growing old and being old: Emotional well-being across adulthood. *Journal of Personality and Social Psychology*, 125, 455–469. <https://doi.org/10.1037/pspp0000453>.
- Almeida, D. M., **Rush, J.**, Mogle, J., Piazza, J. R., Cerino, E., & Charles, S. T. (2022). Longitudinal change in daily stress across 20 years of adulthood: Results from the national study of daily experiences. *Developmental Psychology*, 59, 515–523. <https://doi.org/10.1037/dev0001469>.
- Ames, M., Robillard, C. L., Turner, B., Garcia-Barrera, M., **Rush, J.**, & Craig, S. (2022). Associations between physical activity, affect regulations difficulties, and mental health among Canadian Adolescents at two different points of the COVID-19 pandemic. *Psychology and Health*.

- Sui, W., **Rush, J.**, & Rhodes, R. E. (2022). Engagement with online fitness videos on YouTube and Instagram during the COVID-19 pandemic: A longitudinal study. *Journal of Medical Internet Research, Formative Research*, 6, e25055.
- Leadbeater, B., Sukhawathanakul, P., **Rush, J.**, Merrin, G., Lewis, N., & Hofer, S. M. (2022). Examining program effectiveness in the context of variability in trajectories of child development in a modified cluster randomized controlled trial of the WITS programs. *Prevention Science*, 23, 538-551.
- Lozinski, T.*, Yoneda, T., Hofer, S. M., & **Rush, J.** (2022). Healthy neuroticism, daily physical activity, and daily stress in older adults. *Arbutus Review*, 13(1).
- Sin, N. L., **Rush, J.**, Buxton, O. M., & Almeida, D. M. (2021). Emotional vulnerability to short sleep predicts increases in chronic health conditions across 8 years. *Annals of Behavioral Medicine*, 55, 1231-1240.
- Brewster, P. W. H., **Rush, J.**, Ozen, L., Vendittelli, R., & Hofer, S. M. (2021). Feasibility and psychometric integrity of mobile phone-based intensive measurement of cognition in older adults. *Experimental Aging Research*, 47, 303-321.
- Rush, J.**, Rast, P., & Hofer, S. M. (2020). Optimizing detection of true within-person effects for intensive measurement designs: A comparison of multilevel SEM and unit-weighted scale scores. *Behavior Research Methods*, 52, 1883-1892.
- Yoneda, T., Lewis, N. A., Knight, J. E., **Rush, J.**, Vendittelli, R., Kleineidam, L., Hyun, J., Piccinin, A. M., Hofer, S. M., Hoogendijk, E. O., Derby, C. O., Riedel-Heller, S., Scherer, M., Wagner, M., van den Hout, A., Wang, W., Bennett, D., & Muniz-Terrera, G. (2020). The importance of engaging in physical activity in older adulthood for transitions between cognitive states: A coordinated analysis of fourteen longitudinal studies. *Journals of Gerontology: Medical Sciences*, 76, 1661-1667.
- Lacroix, K., Gifford, R., & **Rush, J.** (2020). Climate change beliefs shape the interpretation of forest fire events. *Climate Change*, 159, 103-120.
- Rush, J.**, Rast, P., Almeida, D. M., & Hofer, S. M. (2019). Modeling long-term changes in daily within-person associations: An application of multilevel SEM. *Psychology and Aging*, 34, 163-176.
- Yoneda, T., **Rush, J.**, Graham, E. K., Berg, A. I., Comijs, H., Katz, M., Lipton, R., Johansson, B., Mroczek, D., & Piccinin, A. M. (2018). Increases in neuroticism may be an early indicator of dementia: A coordinated analysis. *Journals of Gerontology: Psychological Sciences*, 75, 251-262.
- Rush, J.** & Hofer, S. M. (2017). Design-based approaches for improving measurement in developmental science. *Monographs of the Society for Research in Child Development*, 82, 67-83.
- Yoneda, T., **Rush, J.**, Berg, A. I., Johansson, B., & Piccinin, A. M. (2017). Trajectories of personality traits preceding dementia diagnosis. *Journals of Gerontology: Psychological Sciences*, 72, 922-931.
- Kelly, A. D., **Rush, J.**, Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A. M., Weber, J., Rast, P., & Hofer, S. M. (2015). 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*, 13(199), 1-12.
- 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. (2018). 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* (3rd Edition).

Manuscripts under Review

- Rush, J.**, Rast, P., & Hofer, S. M. (revise and resubmit). The moderating and mediating effects of cognitive interference on daily stress processes: Intra- and inter-individual associations across levels of analysis using multilevel SEM. *Emotion*.
- Lee, S. A., Mukherjee, D., **Rush, J.**, Lee, S., & Almeida, D. M. (under review). Too little or too much: Nonlinear relationship between sleep duration and daily affective well-being in depressed adults. *BMC Psychiatry*.

CONFERENCE PRESENTATIONS

Paper Presentations

- Rush, J.**, Willroth, E., Cerino, E., Piazza, J., Charles, S., Mroczek, D., & Almeida, D. (2023, November). Longitudinal associations between changes in daily stress reactivity and functional health across 20 years of adulthood. Paper presented at the Annual Scientific Meeting of the Gerontological Society of America, Tampa, FL.
- Rush, J.**, Ong, A. D., Piazza, J.R., Charles, S. T., & Almeida, D. M. (2022, November). Nonlinear associations of daily stress reactivity with health and well-being. Paper presented at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.
- Cerino, E.S., Charles, S.T., Mogle, J., **Rush, J.**, Piazza, J.R., Lachman, M.E., & Almeida, D.M. (2022, November). Aging-related changes in daily stressor control and general perceived control across the lifespan. Oral presentation presented as part of the symposium, The daily life of healthy aging: Considering perceptions, appraisals, and consequences, at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.
- Klepacz, L.M., Cerino, E.S., Charles, S.T., Mogle, J., Piazza, J.R., **Rush, J.**, & Almeida, D.M.

- (2022, November). Daily associations between stressor control and affect vary as a function of stressor type. Oral presentation presented as part of the symposium, New Considerations for Coping and Emotion Regulation with Intensive Lifespan Data, at the Annual Scientific Meeting of the Gerontological Society of America, Indianapolis, IN.
- Almeida, D., Mogle, J., & **Rush, J.** (2021, November). Age-related change in daily stressor reactivity across 20 years of adulthood. Paper presented at the Gerontological Society of America Annual Meeting.
- Charles, S., Piazza, J., & **Rush, J.** (2021, November). Change in daily negative affect across 20 years. Paper presented at the Gerontological Society of America Annual Meeting.
- Piazza, J., & **Rush, J.**, Cerino, E., Mogle, J., Stawski, R., Charles, S., & Almeida, D. (2021, November). Daily financial thoughts and indices of mental and physical health: The importance of socioeconomic status. Paper presented at the Gerontological Society of America Annual Meeting.
- Cerino, E.S., Stawski, R.S., & **Rush, J.** (2021, November). Age differences and longitudinal change in exposure to daily stressors: Three waves of diary data across 20 years. Paper presented at the 73rd Annual Scientific Meeting of the Gerontological Society of America.
- Cerino, E.S., Mogle, J., Stawski, R.S., **Rush, J.**, & Almeida, D.M. (2021, November). Characterizing perceived control over daily stress: Longitudinal changes and associations with affect. Paper presented at the 73rd Annual Scientific Meeting of the Gerontological Society of America.
- Sui, W., **Rush, J.**, & Rhodes, R. E. (2021, August). Engagement with online fitness videos on YouTube and Instagram during COVID-19: A longitudinal study. Paper presented at the 35th Annual Conference of the European Health Psychology Society.
- Rush, J.**, Willroth, E. C., Graham, E. K., Mroczek, D. K., & Almeida, D. M. (2020, November). The effect of long-term changes in daily stress reactivity on prospective health. Paper presented at the Gerontological Society of America Virtual Meeting.
- Sin, N. L., **Rush, J.**, Buxton, O. M., & Almeida, D. M. (2020, November). Emotional vulnerability to short sleep predicts increases in chronic health conditions across 8 years. In H. Chai (Chair) and D. M. Almeida (Co-Chair), *Understanding the dynamic relationship between sleep and health in adulthood: From daily experiences to long term health outcomes*. Symposium talk at the virtual Meeting of the Gerontological Society of America.
- Hofer, S. M., **Rush, J.**, & Brewster, P. (2019, October). MyCogHealth Mobile Assessment Platform: Improving Detection of Progressive Cognitive Change and Dementia Risk. Paper presented at Canadian Consortium on Neurodegeneration in Aging, Quebec City, QC.
- Hofer, S. M., **Rush, J.**, & Brewster, P. (2019, March). Precision cognitive health: From observation to action. In *Health aging: Innovations in mobile health*. Symposium conducted at University of Victoria Ideafest, Victoria, BC.
- Surachman, A., **Rush, J.**, Alexander, L., Coe, C., & Almeida, D. M. (2019, March). Life course socioeconomic status, daily stressor reactivity, and risk factors of chronic kidney disease among healthy adults in the United States. Paper presented at the American Psychosomatic Society Annual Meeting, Vancouver, BC.
- Rush, J.**, Rast, P., & Hofer, S. M. (2018, October). Short-term within-person associations as predictors of long-term changes in psychological well-being: Findings from measurement burst data. Paper presented at the Canadian Association on Gerontology Annual Meeting, Vancouver, BC.
- Rush, J.**, Rast, P., & Hofer, S. M. (2017, July). Optimizing detection of within-person effects on aging-related outcomes: Benefits of multilevel SEM. Paper presented at the International

Association of Gerontology and Geriatrics World Congress, San Francisco, CA.

- Rush, J.**, Rast, P., Almeida, D. M., & Hofer, S. M. (2016, November). Modeling long-term changes in daily within-person relationships: An application of multilevel SEM. Paper presented at the Gerontological Society of America Annual Meeting, New Orleans, LA.
- Rast, P., **Rush, J.**, & Hofer, S. M. (2016, November). Modeling individual differences in within-person variation using a mixed effects location scale model. Paper presented at the Gerontological Society of America Annual Meeting, New Orleans, LA.
- Yoneda, T., **Rush, J.**, Graham, E., Berg, A. I., Pedersen, N., Katz, M., Lipton, R., Piccinin, A. (2016, November). Trajectories of personality traits preceding dementia diagnosis: A coordinated analysis. In C. Röcke (Chair), *Is personality related to cognition in late life? Evidence across different subgroups and time scales*. Symposium conducted at the Gerontological Society of America Annual Meeting, New Orleans, LA.
- Hofer, S. M. & **Rush, J.** (2016, August). Functional unities: Retrospect and prospect on the multivariate analysis of within-person variation. In J. T. Lamiell (Chair), *Quantitative methods in the study of individual cases: Conceptual challenges and promising advances*. Symposium conducted at the American Psychological Association, Denver, CO.
- 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*. Symposium conducted at the 22nd 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.**, Bhat, A., Thomas, D., Karlamangla, A., Almeida, D., & Seeman, T. (2022, November). In the shadow of the Great Recession: The association between recession experiences and daily indices of well-being. Poster presented at the Gerontological Society of America, Indianapolis, IN.
- Yoneda, T., Piccinin, A., **Rush, J.**, Lewis, N., Knight, J., Vendittelli, R., & Hofer, S. (2022, November) Short-term coupled association between blood pressure and cognitive functioning. Poster presented at the Gerontological Society of America, Indianapolis, IN.
- Qualls, L. K., Kasian, A., Geselbracht, D., **Rush, J.**, & Smart, C. (2021, May). Modelling emotional experiences as they relate to interoception, alexithymia, and stress. Poster presented at the Canadian Stress Research Summit Virtual Conference.
- Lozinski, T., Yoneda, T., Hofer, S. M., & **Rush, J.** (2021, May). Global and daily self-report measures of hedonic and eudaimonic well-being demonstrate different relationships with openness to experience. Poster presented at the American Psychological Society Virtual Conference.
- Yoneda, T., **Rush, J.**, Muniz Terrera, G., Kok, A., Johansson, B., Petersen, N., & Piccinin, A. (2020, November). *Inter- and Intra-individual Relationships between Neuroticism and Cognition: A Coordinated Analysis*. Poster presented at the Gerontological Society of America Virtual Meeting.
- Yoneda, T., Lewis, N., **Rush, J.**, Piccinin, A. M., James, B., Hofer, S. M. & Muniz Terrera, G. (2020, November). *The Impact of Conscientiousness on Participant Drop-out: A Novel Method for Estimating Missingness*. Poster presented at the Gerontological Society of America Virtual Meeting
- Broen, T., Yoneda, T., **Rush, J.**, Knight, J., Lewis, N., Vendittelli, R., Hofer, S., Piccinin, A. (2020, November). *The relationship between daily REM sleep and cognitive functioning in older adults*. Poster presented at the Gerontological Society of America Virtual Meeting.
- Rush, J.**, Yoneda, T., Venditelli, R., Knight, J., Lewis, N., Rast, P., & Hofer, S. M. (2019, November). *Short-term intraindividual dynamics of heart rate and cognitive functioning in older adults*. Poster presented at the Gerontological Society of America Annual Meeting, Austin, TX.
- Yoneda, T., **Rush, J.**, Lewis, N., Knight, J., Venditelli, R., Hyun, J., Kleineidam, L., van den Hout, A., Bennett, D., Hoogendijk, E., Katz, M., Piccinin, A., & Muniz-Terrera, G. (2019, November). *The importance of maintaining physical activity in older adulthood for cognitive functioning*. Poster presented at the Gerontological Society of America Annual Meeting, Austin, TX.
- Yoneda, T., Lewis, N., **Rush, J.**, van den Hout, A., Piccinin, A., & Muniz-Terrera, G. (2019, May). *The protective role of maintaining physical activity in older adulthood for transitions between cognitive states*. Poster presented at the International Association of Gerontology and Geriatrics European Congress, Gothenburg, Sweden.
- Hofer, S. M., Brewster, P., Henri-Bhargava, A., & **Rush, J.** (2019, March). *Mobile monitoring of cognitive change: Design and data analytics for increasing sensitivity and accuracy of within-person change*. Poster presented at the Rotman Research Institute Conference – Aging & Brain Health, Toronto, ON.

- Rush, J.,** Rast, P., Hofer, S. M., & Diehl, M. (2018, November). *Long-term increases in daily stress reactivity predicts well-being: Findings from DAISI measurement burst data*. Poster presented at the Gerontological Society of America Annual Meeting, Boston, MA.
- Rush, J.,** Graham, R., & Hofer, S. M. (2017, October). *The moderating effect of physical activity on longitudinal changes in cognition: An application of the Johnson-Neyman technique to probe curvilinear changes*. Poster presented at the Canadian Association on Gerontology Annual Meeting, Winnipeg, MB.
- 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 WORKSHOPS, PRESENTATIONS, AND COLLOQUIA

- Liu, S., **Rush, J.**, & Willms, A. (2023, August). *Mobile Health App Development using a “No-Code” App Builder*. Pre-conference workshop at the 17th International Congress of Behavioral Medicine (ICBM), Vancouver, BC.
- Rush, J.** (2023, April). *Intensive Measurement Designs*. Presentation for the Health & Development Lab, Florida International University.
- Rush, J.** (2023, January/February). *Advanced application of the General Linear Model (GLM)*. Workshop series delivered to PSYC 499 Honours Seminar Students, University of Victoria.
- Rush, J.** (2022, January/February). *Advanced application of the General Linear Model (GLM)*. Workshop series delivered to PSYC 499 Honours Seminar Students, University of Victoria.
- Rush, J.** (2021, November). *How was your day? The importance of considering daily experiences for how we measure, understand, and influence health and well-being across the lifespan*. Presentation for the Department of Psychology, University of Victoria, Victoria, BC.
- Rush, J.** (2020). *mHealth Data Workshop*. Institute on Aging and Lifelong Health, University of Victoria, May 20 – June 30.
- Rush, J.** (2019, September). *MyCogHealth mobile assessment platform to improve detection of cognitive change*. Oregon Center for Aging and Technology (ORCATECH) council meeting, Portland, OR.
- Rush, J.** (2019, June). *Capturing the complexity of health and well-being: Optimizing measurement and analytics to detect individual change and variation*. Paper presented for the Canada Research Chair Candidate Colloquium Series, Faculty of Social Sciences, University of Victoria, Victoria, BC.
- Rush, J.** (2018, October). *Using multilevel SEM to model measurement burst data across timescales*. Center for Healthy Aging, Pennsylvania State University, State College, PA.
- 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 Seminar Series, University of Victoria, Victoria, BC.
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ACADEMIC DISTINCTIONS AND AWARDS

2020 – 2022	Social Sciences and Humanities Research Council of Canada Postdoctoral Fellowship, \$90 000
2015	University of Victoria , UVic Graduate Award, \$1000
2014	Society of Multivariate Experimental Psychology Workshop Travel Award, \$1000 (USD)
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 (USD)

- 2011 **Canadian Psychological Association**
Certificate of Academic Excellence, Recognition of Master's Thesis
- 2009 **University of Victoria**, UVic Graduate Fellowship, \$13 500
- 2008 **Social Sciences and Humanities Research Council of Canada**
Joseph Armand Bombardier Master's Scholarship, \$17 500
- 2008 **University of Victoria**, President's Research Scholarship, \$4000
- 2008 **University of Victoria**, Graduate Scholarship, \$5000
- 2007 **Canadian Psychological Association**
Certificate of Academic Excellence, Recognition of Honours Thesis
- 2007 **Brock University**
Distinguished Graduating Student Award – Psychology, Recognition of graduating with the highest GPA
- 2007 & 2008 **Brock University**
Psychology Teaching Assistant of the Year
- 2002 – 2007 **Ontario University Athletics**
OUA All-Academic, Recognition of achieving an 80%+ average while competing as a varsity athlete (Baseball)
- 2002 – 2006 **Brock University**
Scholars Award, \$10 000

TEACHING EXPERIENCE

- 2023 Instructor: *PSYC 300A* Statistical Methods in Psychology I, University of Victoria
- 2023 Instructor: *PSYC 300B* Statistical Methods in Psychology II, University of Victoria
- 2022 Instructor: *PSYC 300A* Statistical Methods in Psychology I, University of Victoria
- 2022 Instructor: *PSYC 513* Advanced Applications of Structural Equation Modeling and Multilevel Modeling, University of Victoria
- 2022 Instructor: *PSYC 533* Multivariate Statistics, University of Victoria
- 2020 Instructor: *ED-D 561A* Methods in Educational Research, University of Victoria
- 2019 Instructor: *PSYC 300B* Statistical Methods in Psychology II, University of Victoria
- 2018 Co-Instructor (with S. M. Hofer): *PSYC 517* Intensive Measurement Designs: Applications and Analytics, University of Victoria
- 2018 Instructor: *PSYC 100B* Introduction to Psychology, University of Victoria
- 2017 Instructor: *PSYC 300B* Statistical Methods in Psychology II, University of Victoria
- 2016 Instructor: *PSYC 300A* Statistical Methods in Psychology, University of Victoria
- 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: Statistics and Research Design in the Behavioural Sciences,
 Brock University
 2004–2008 Seminar Leader/Teaching Assitant: Introduction to Psychology, Brock University
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PROFESSIONAL SERVICE

- 2023 – Present Department of Psychology Statistical Consultant, University of Victoria
- 2013 – 2022 Consultant: Statistical consulting for Family Practice Medical Residents' research practicum, University of British Columbia.
- 2023 Grant Review:
U.S. National Science Foundation (NSF)
Deutsche Forschungsgemeinschaft (DFG)
- 2012 – Present Ad Hoc Reviewer:
Affective Science
Assessment
Cities and Health
Current Issues in Personality Psychology
Developmental Psychology
Educational and Psychological Measurement
Emotion
European Journal of Aging
European Journal of Psychotherapy and Counselling
GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry
Human Relations
Journal of Abnormal Psychology
Journal of Clinical Child and Adolescent Psychology
Journal of Environmental Psychology
Journals of Gerontology: Psychological Sciences
Journals of Gerontology: Social Sciences
Journal of Personality and Social Psychology
Personality and Social Psychology Bulletin
Psychological Assessment
Psychology and Aging
Social Science & Medicine
Structural Equation Modeling
- 2014 Conference Organizer: *Society of Multivariate Experimental Psychology (SMEP) Student Conference*, October 9-10, Nashville, TN.

2012 – 2013 Organizer: *Methods Lunch Seminar Series*, University of Victoria.
 Provided faculty, postdocs, and graduate students opportunities to present
 methodological issues and address questions that arise in their research.

Student Supervision

Supervisor: Honour's Thesis

2023 – present Meghan, Papineau, Department of Psychology, University of Victoria
 2023 – present Devon Rees, Department of Psychology, University of Victoria

Committee Member: Doctoral Dissertation

2022 – present Peter Sugrue, Department of Psychology, University of Victoria
 2023 – present Jessi Lewis, Department of Psychology, University of Victoria
 2023 – present Amanda Wilms, School of Exercise Science, Physical and Health
 Education, University of Victoria

Committee Member: Master's Thesis

2024 – present Colleen Lacey, Department of Psychology, University of Victoria
 2023 – present Zoe Gilson, Department of Psychology, University of Victoria
 2022 – present Travis Menuz, Department of Psychology, University of Victoria
 2022 – 2023 Rebecca Coulter, School of Exercise Science, Physical and Health
 Education, University of Victoria
 2020 – 2022 Amanda Webber, Department of Psychology, University of Victoria

Co-supervisor: Honour's Thesis

2021 – 2022 Tristen Lozinski, Department of Psychology, University of Victoria
 2012 – 2013 Andrew Faunt, Department of Psychology, University of Victoria

Supervisor: Independent Study

2023 Meghan Papineau, Department of Psychology, University of Victoria
 2023 Sarah Engler, Department of Psychology, University of Victoria

Co-supervisor: Independent Study

2020 – 2021 Tristen Lozinski, Department of Psychology, University of Victoria
 2019 – 2020 Tiana Broen, Department of Psychology, University of Victoria
 2018 Amanda Webber, Department of Psychology, University of Victoria

WORKSHOP ATTENDANCE

2021 Attendee: *Summer Institute on Innovative Methods: Building Just-In-Time
 Adaptive Interventions using Micro-Randomized Trial Designs*, University
 of Michigan, October 25–26.
 2021 Attendee: *Best Practices in Assessment of Stress in Daily Life*, Stress
 Measurement Network, University of California, San Francisco, January 28.
 2019 Facilitator: *Cross-National Comparison of Health and Functioning,
 Integrative Analysis of Longitudinal Studies on Aging (IALSA) & Canadian
 Longitudinal Study on Aging (CLSA)*, February 6–8, Victoria, BC.

- 2018 Attendee: *Multistate Modeling*, Integrative Analysis of Longitudinal Studies on Aging (IALSA), September 10–14, Victoria, BC.
- 2015 Facilitator: *Coordinated Analysis of Multivariate Changes in Cognition, Social Activities, and Health*, Integrative Analysis of Longitudinal Studies on Aging (IALSA), February 22–25, Portland, OR.
- 2014 Attendee: *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 Attendee: *Multilevel Structural Equation Modeling*, Society for Research in Child Development – Developmental Methodology, February, Tampa, FL.
- 2012 Attendee: *Growth Modeling: Articulating Developmental Change with Simple and Complex Growth Models*, Society for Research in Child Development – Developmental Methodology, February, Tampa, FL.