

CURRICULUM VITAE

Amanda Kelly

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EDUCATION

- 2013-present M.Sc. Psychology, Lifespan Development, University of Victoria, Victoria, BC.
Thesis: *The roles of personality, stress and affect in within-person coupling of blood pressure and cognitive functioning*. Supervisor: Scott M. Hofer.
- 2012 B.Sc. Honours, Combined Biology and Psychology (Co-operative Education), With Distinction, University of Victoria, Victoria, BC.
Honours thesis: *An investigation of age differences in working memory and DLPFC activation patterns using near-infrared spectroscopy*. Supervisor: Scott M. Hofer.

RESEARCH INTERESTS

Lifespan development, cognitive aging, active aging, stress, early predictors of cognitive decline, intraindividual variability, vascular hypothesis of cognitive aging, hypertension, diabetes mellitus, health behaviours, patient-reported health outcomes, intensive measurement designs and analysis, research ethics.

MEMBERSHIPS HELD IN PROFESSIONAL SOCIETIES

- 2013-present Student Affiliate: Gerontological Society of America
- 2013-present Student Affiliate: University of Victoria Centre on Aging

SCHOLARSHIPS, HONOURS AND AWARDS

- 2014 President's Research Scholarship, University of Victoria: \$4,000
- 2014 Frederick Banting and Charles Best Canada Graduate Scholarship-Master's, Canadian Institutes of Health Research (CIHR): \$17,500
- 2013 Neena Chappell Scholarship, Centre on Aging, University of Victoria: \$950
- 2013 Outstanding Graduate Entrance Award, University of Victoria: \$10,000
- 2013 Workshop Travel Award, Society of Multivariate Experimental Psychology: \$1,000
- 2012 Certificate of Academic Excellence, Canadian Psychological Association
- 2011 President's Scholarship, University of Victoria: \$1,050
- 2007 Excellence Renewable Scholarship, University of Victoria: \$16,000

SCHOLARLY AND PROFESSIONAL ACHIEVEMENTS

a. Publications

- Kelly, A.**, Rush, J., Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A., Weber, J., Rast, P., & Hofer, S. M. (Under review). Detecting short-term change and variation in health-related quality of life: Within- and between-person factor structure of the SF-36 Health Survey. *Quality of Life Research*.
- Sparks, C., Piccinin, A. M., **Kelly, A.**, Johansson, B., & Hofer, S. M. (Revision requested). Impact of health conditions on memory change in later life: a cross-study comparative analysis. *The Journals of Gerontology, Series B: Psychological Sciences*.
- Terrera, G. M., Robitaille, A., **Kelly, A.**, Johansson, B., & Piccinin, A. M. (In preparation). Matching research questions to longitudinal methods: Latent growth curve analysis with time varying covariates.
- Kelly, A.**, Calamia, M., Rush, J., Terrera, G. M., Piccinin, A. M., & Hofer, S. M. (In preparation). Independent and joint cognitive impacts of hypertension and diabetes mellitus: Cross-study comparisons.
- Terrera, G. M., Tikhonoff, V., **Kelly, A.**, Richards, M., Piccinin, A. M., Kuh, D., & Hardy, R. (In preparation). Too young for an association between blood pressure and cognition?

b. Conference Paper Presentations

- Kelly, A.,** Calamia, M., Muniz Terrera, G., Piccinin, A. M., & Hofer, S. M. (2014). *Multi-study comparison of the independent and interactive cognitive impacts of hypertension and diabetes mellitus*. Paper presented at the 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, DC.
- Hofer, S. M., Rast, P., Muniz Terrera, G., **Kelly, A.,** Piccinin, A. M. (2014). *On the robustness of results from longitudinal observational studies: A within-study replication experiment to examine the consistency of results associated with increases in number of occasions and study duration*. Paper presented at the 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, DC.
- Kelly, A.,** Calamia, M., Muniz Terrera, G., Piccinin, A. M., & Hofer, S. M. (2014). *Independent and joint cognitive impacts of hypertension and diabetes mellitus: Cross-study comparisons*. Paper presented at the 22nd Nordic Congress on Gerontology, Gothenburg, Sweden.
- Kelly, A.,** Calamia, M., Muniz Terrera, G., & Hofer, S. M. (2013). *Independent and interactive impacts of hypertension and type II diabetes on longitudinal cognitive functioning*. Paper presented at the Advanced Psychometric Methods for Cognitive Aging Research workshop, Friday Harbor, WA.
- 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.

c. Conference Poster Presentations

- Rush, J., **Kelly, A.,** Stafford, M., & Hofer, S. M. (2014). *The effects of daily lifestyle determinants on well-being in younger and older adults*. Poster presented at the 67th Annual Scientific Meeting of the Gerontological Society of America, Washington, DC.
- Kelly, A.,** Gawryluk, J. R., & Hofer, S. M. (2014). *Test-retest reliability of fNIRS: Evidence from a cognitive working memory task*. Poster presented at the Society for Functional Near-infrared Spectroscopy Conference, Montreal, QB.
- Kelly, A.,** Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A., Weber, J., Rush, J., Rast, P., & Hofer, S. M. (2013). *Short-term changes in self-reported health and associations with daily experience*. Poster presented at the 66th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
- Kelly, A.,** MacDonald, S. W. S., & Hofer, S. M. (2013). *Inside the aging brain: What oxygen can tell us about memory across the lifespan*. Poster presented at the Emerging Research Across the Lifespan Poster Session, UVic IdeaFest, Victoria, BC.
- Kelly, A.,** MacDonald, S. W. S., & Hofer, S. M. (2012). *Inside the aging brain: What oxygen can tell us about memory across the lifespan*. Poster presented at the annual Psychology Students of Vancouver Island Poster Session, Victoria, BC.
- Kelly, A.,** Quade, T., Moxley-Haegert, C., Lake, J., McElligott, J., Mills, N., O'Conner, D., Sanders, J., Schoenhoff, I., Sparks, C., Rast, P., MacDonald, S. W. S., & Hofer, S. M. (2011). *Performance under pressure: Links between stress and coping*. Poster presented at the annual Psychology Students of Vancouver Island Poster Session, Victoria, BC.

d. Grant Funding

- 2014 Co-Investigator: Patient-Reported Outcomes in Support of Patient Engagement in Research (PROSPER): Planning meeting for the implementation of next generation measurements and designs for improving health and health care for an aging population. Canadian Institutes of Health Research (CIHR), \$20,000. (Under Review).
- 2013-2014 Co-Investigator: Continuous prospective assessment of health and well-being in aging Canadians using novel electronic portal methodologies. Vancouver Island Health Authority, \$5,000.

PRESENTATIONS AS GUEST SPEAKER

Kelly, A. (2014). The Psychology of Healthy Aging. *Presentations to: Saanich Rotary Club; Royal Oak Rotary Club; Burnside Gorge Community Association; Victoria Lawn Bowling Club, Peninsula Elder College.* Victoria, BC.

Kelly, A. (2014). Schizophrenia and other psychotic disorders. *Lecture for PSYC 360: Psychological disorders of Adulthood.* University of Victoria.

Kelly, A. (2013). Introduction to near-infrared spectroscopy: Principles and applications. *Lecture for PSYC 215A: Introduction to Biological Psychology.* University of Victoria.

RESEARCH ASSISTANTSHIPS

2013-present Integrative Analysis of Longitudinal Studies of Aging (NIH/NIA 1P01AG043362). Advisor: A. M. Piccinin. Duties: Leading research papers and international collaborations on moderating effect of cardiovascular disease on aging-related change in cognitive functioning.

2012-present Laboratory for Integrative Lifespan Research. Advisor: S. M. Hofer. Duties: Leading community-based research studies of daily variation in blood pressure and cognitive functioning moderated by health behaviours.

TEACHING ASSISTANTSHIPS AND GUEST LECTURES

2014 Teaching Assistant: PSYC 360: Psychological Disorders of Adulthood. Instructor: A. Sotskova, University of Victoria. Duties: invigilate exams, keep class records, hold office hours, grade exams and essays, facilitate in-class group activities, in-class teaching.

2014 Teaching Assistant: PSYC 345A: Drugs and Behaviour: Basic Principles. Instructor: L. Mills, University of Victoria. Duties: invigilate exams, keep class records, hold office hours, grade exams and final project.

WORKSHOP AND CONFERENCE ATTENDANCE

2014 *67th Annual Scientific Meeting of the Gerontological Society of America*, Washington, DC

2014 *National Institutes of Health (NIH) Office of Extramural Research: Protecting Human Research Participants*

2014 *Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans Course on Research Ethics (TCPS2: CORE)*

2014 *22nd Nordic Congress on Gerontology*, Gothenburg, Sweden

2013 *66th Annual Scientific Meeting of the Gerontological Society of America*, New Orleans, LA

2013 *Analyzing Intensive Longitudinal Data*, University of Massachusetts Amherst, Amherst, MA

2013 *Advanced Psychometric Methods for Cognitive Aging Research*, Friday Harbor, WA

2012 *52nd Annual Meeting of the Society of Multivariate Experimental Psychology (SMEP)*, Vancouver, BC

PROFESSIONAL SERVICE

2014-present Member, Human Research Ethics Board, University of Victoria

2014-present Senior Buddy, Graduate Student Buddy Program, University of Victoria

2014-present Supervision of undergraduate research assistants (D. Drohan, E. Schmit)

2014 Graduate Student Representative, Department of Psychology Chair Search Committee, University of Victoria

2013 Ad hoc Reviewer, *Canadian Psychology Journal*

2013 Research Mentor: Near-infrared spectroscopy data collection

COMMUNITY DEVELOPMENT

2012-present Volunteer: Mt. St. Mary Hospital, Victoria, BC

2011-present Activities Aide: Mobile Adult Day Program, Island Health, Victoria, BC

2011-present Volunteer: GoodLife Victoria Marathon, Victoria, BC

2011-2013 Volunteer: Experience UVic, University of Victoria

2008-2009 Volunteer: Ambulatory Dementia, Gorge Road Hospital, Victoria, BC

2007-2008 Activities Aide: Long-Term Residential Care and Adult Day Program, The Gateby Complex Care Facility, Vernon, BC