

Curriculum Vitae

Scott Michael Hofer

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Citizenship: United States of America
Married: Andrea M. Piccinin (Citizenship: Canada), three children

Education

- 1996-1997 NICHD Postdoctoral Research Fellow, Center for Developmental and Health Genetics, The Pennsylvania State University.
- 1989-1994 Ph.D. in Psychology, Adult Development and Aging, University of Southern California, Los Angeles. Advisor: John L. Horn, Ph.D. Dissertation: *On the structure of personality and the relationship of personality to the development of fluid and crystallized intelligence in adulthood*. Supported by NIH Multidisciplinary Research Traineeship in Gerontology and NIH Traineeship in Neurobiology and Endocrinology, USC.
- 1986-1989 A.B. in Psychology, San Diego State University, California.

Research Interests

- Lifespan Development and Aging*
Integrative Analysis of Longitudinal Studies of Aging
Identifying Patterns and Correlates of Change from Childhood to Adulthood
Change in Psychopathology in Special Populations
- Measurement of Personality and Cognitive Capabilities*
- Multivariate Analysis of Change and Variation*
Analysis of Longitudinal Studies (Coordinated and Pooled Data Analysis)
Design of Measurement Intensive Studies
Analysis with Incomplete Data
Analysis of Genetically Informative Data; Gene-Environment Processes

Current and Former Positions

- 2009-Present Professor, Harald Mohr, M.D. and Wilhelma Mohr, M.D. Research Chair in Adult Development and Aging, Department of Psychology and Center on Aging, College of Social Sciences, University of Victoria, British Columbia, Canada.
- 2013-Present Professor (Provisional), Department of Neurology, Oregon Health & Sciences University, Portland.
- 2009-2013 Adjunct Professor, Department of Neurology, Oregon Health & Sciences University, Portland.
- 2004-2010 Faculty Associate, Center for Population Health and Aging, The Pennsylvania State University, University Park.
- 2006-2009 Professor, Department of Human Development and Family Sciences, College of Health and Human Sciences, Oregon State University, Corvallis.

- 2006-2009 Director, Psychosocial Core, Center for Healthy Aging Research, College of Health and Human Sciences, Oregon State University, Corvallis.
- 2005-2006 Visiting Professor, Department of Gerontopsychology, University of Zürich.
- 2003-2006 Associate Professor, Department of Human Development and Family Studies, The Pennsylvania State University, University Park. Research affiliations with The Gerontology Center, Population Research Institute, and the Center for Population Health and Aging.
- 1999-2006 Visiting Research Fellow, Centre for Mental Health Research, The Australian National University, Canberra, Australia.
- 1999-2003 Assistant Professor, Department of Human Development and Family Studies, The Pennsylvania State University, University Park, PA.
- 1998-1999 Lecturer, Department of Human Development and Family Studies, The Pennsylvania State University, University Park, PA.
- 1997-2003 Research Associate, Center for Developmental and Health Genetics, The Pennsylvania State University, University Park, PA.
- 1996-1997 Postdoctoral Research Fellow, Center for Developmental and Health Genetics, The Pennsylvania State University. Research training in developmental behavioral genetics and analysis of genetically informative data. Advisor: G. E. McClearn.
- 1995-1996 Assistant Director, Age and Cognitive Performance Research Centre, University of Manchester, England.
- 1994-1995 Research Associate, Age and Cognitive Performance Research Centre, University of Manchester, England, P. M. A. Rabbitt, Director. Conducted statistical modeling of the Manchester and Newcastle Longitudinal Studies of Cognitive Aging.
- 1992-1993 Examiner, National Growth and Change Study, University of Virginia. Reassessed participants in the Bradway longitudinal study and the Woodcock-Johnson (WJ-R) standardization sample using the WJ-R and WAIS batteries. NIA grant to J. J. McArdle.
- 1991-1994 Research Assistant, Department of Prevention Research, USC. Co-developed EMCOV, software for maximum likelihood parameter estimation with incomplete data. NIAAA grant to J. W. Graham.
- 1991-1993 Research Assistant, Graduate Record Examination Project, USC. Evaluated predictors of performance and completion of doctoral programs based on USC admissions during the years 1979-1992. Grant from The Graduate School, USC, to J. L. Horn.
- 1991-1992 Research Assistant, Three Generations Project, USC. Assessed stability and change in personality, mental health, and attitudes of adolescents and their parents over three occasions. USC FRIF award to P. K. Trickett.
- 1988-1989 Research Assistant, Naval Health Research Center, San Diego, California. Performed statistical analyses and assisted in data collection efforts for research projects investigating changes in cognitive performance under conditions of extreme sleep deprivation and sustained heat stress. Armed Services funding to C. Englund.
- 1987-1988 Research Assistant, San Diego State University, California. Administered psychophysiological tests to normal elderly and Alzheimer's patients. NIH grants to C. Murphy.
- 1986-1988 Research Assistant, San Diego State University, California. Reviewed and assisted in preparation: Sattler, J. M. (1989). *Assessment of children* (3rd ed.). San Diego, CA.

Research Grants and Fellowships*Active*

- 2013-2018 Program Director (Co-Directors: A. M. Piccinin, J. Kaye, & D. Kuh), *Integrative analysis of longitudinal studies of aging*, NIH/NIA 1P01AG043362. \$7,796,414. Oregon Health & Science University, Portland.
- 2013-2018 Consultant, *Personality-epidemiologic research on inequalities in longevity*, NIH/NIA R01AG042582, PI: B. Chapman, University of Rochester Medical Center.
- 2013-2015 Consultant, *Psychosocial and health-related influences on response time inconsistency in old age*, NIH/NIA R21AG045575; PI: R. Stawski, Oregon State Univ.; \$381,913.
- 2009-2015 Co-Investigator, *Canadian Longitudinal Study on Aging*, CIHR, PI: P. Raina; \$23,500,000.

Active (International)

- 2013-2017 Collaborator, *Adult Determinants of Late Life Depression, Cognitive Decline and Physical Functioning - The Whitehall II Ageing Study*. Medical Research Council (MRC), UK, K013351, £3.3 million, PI: M. Kivimäki.
- 2008-2014 Associate Investigator, *New dynamics of aging research network*, PI: D. Kuh. Life course models of health aging core project. ESRC/MRC.
- 2008-2018 Associate Investigator, *MRC Lifelong Health and Ageing Unit*. UK Medical Research Council, Director: D. Kuh.
- 2011-2016 International Partner, *Integrative Graduate Education and Research Traineeship Program (IGERT): LIFE* in an Aging Society (*Linking Individuals, Families, and Environments)*, NSF, PI: K. Hooker, Oregon State University; \$2,874,254

Completed

- 2013-2018 Co-Investigator, *Conference on Advanced Psychometric Methods in Cognitive Aging Research*, NIH/NIA R13AG030995; PI: D. Mungas, UC Davis.
- 2007-2013 Principal Investigator, *Integrative analysis of change in cognition and health*, NIH/NIA R01AG026453; \$2,439,412.
- 2011-2013 Co-Investigator, Individual Participant Meta-analysis (Project ID: MME3206; Contract #: HHS 290 2007 10060 I; PI: L. Griffith) Agency for Healthcare Research and Quality.
- 2010-2013 Principal Investigator, *Integrative analysis of functional and cognitive change across the IALSA (Canada) and HALCyon (UK) longitudinal research networks*, CIHR. \$177,739.
- 2009-2011 Principal Investigator, *Laboratory for Integrative Lifespan Research*, Canadian Foundation for Innovation (CFI) and BC Knowledge Development Fund (BCKDF). \$340,000.
- 2009-2011 Co-Investigator, OCTRI Pilot to Create a Biobank for Aging Relevant Data (BARD). Pilot funding from the Oregon Clinical and Translational Research Institute to expand the IALSA data dictionary describing primarily the clinical data contained within these studies to biological data.
- 2008-2011 Associate Investigator, *Bayesian methods for combining multiple Individual and Aggregate data Sources in observational studies II*, Economic and Social Science Research Council; PI: S. Richardson & N. Best.
- 2006-2011 Associate Investigator, *Learning how to age well from Australian Longitudinal Studies of Ageing*, NHMRC/ARC Ageing Well, Ageing Productively Program, PI: K. J. Anstey, AU\$ 2,500,000.

- 2009-2010 Principal Investigator (Co-PI: A. M. Piccinin), *New methods for the integrative analysis of longitudinal studies of aging*, Canadian Institutes of Health Research (200910MPA), \$20,000.
- 2009-2010 Principal Investigator (Co-PI: A. M. Piccinin), *New methods for the integrative analysis of longitudinal studies of aging*, Society of Multivariate Experimental Psychology, \$10,000.
- 2008-2010 Principal Investigator, *Health and healthspan in longitudinal studies of aging*, National Academies / Keck Futures Initiative: \$75,000.
- 2007-2010 Co-Investigator, *Latent growth curve models of cognitive aging*, NIH/NIA 2R01AG021203; PI: D. F. Alwin. \$1,082,548.
- 2005-2010 Co-Investigator, *Midlife cognitive change and risk of cognitive decline*. NIH/NIA 1R37AG024102, PI: S. Willis. \$3,401,081.
- 2006-2010 Associate Investigator, *A longitudinal study of psychopathology in people with intellectual disability*, NHMRC, PI: B. Tonge. AU\$940,500.
- 2005-2010 International Collaborator, *ARC/NHMRC Research Network in Ageing Well*, ARC/NHMRC/Australia, PI: H. Kendig. \$AU 2,500,000.
- 2004-2009 Co-Investigator, *Center for early diagnosis and therapy research for neurodegenerative diseases: A Swedish network, Neuropsychology Core*, Swedish Research Network, PI: B. Winblad. 100,000,000 SEK.
- 2005-2009 Consultant, *A Prescription for enhancing resident quality of life*, NIH/NIA 1R01 NR008910, PI: A. Kolanowski. \$1,436,780.
- 2005-2008 Principal Investigator, *Psychopathology in young people with mental retardation*, NIH/NIMH 2R01MH061809. \$632,156.
- 2007-2008 Principal Investigator, *Evaluation of a web-based cognitive assessment battery in a community setting*. NIH/NIA P30AG024978-04, Oregon Center for Aging & Technology, PI: J. Kaye. \$50,000.
- 2007-2008 Principal Investigator, *Multimodal assessment of stress, health, and cognition*. Center for Healthy Aging Research, Oregon State University. \$15,000.
- 2006-2008 Co-Investigator, *Quality of life of older adult long-term cancer survivors*, NIH/NCI 5R01CA078975, PI: G. Deimling.
- 2003-2008 Co-Investigator (PI, Subcontract), *Nature & nurture in social demography: An adoption study*, NIH/NICHHD grant 2R01HD036773, PI: M. C. Stallings. \$1,941,655.
- 2006-2007 Associate Investigator, *A life course approach to healthy ageing: capitalising on the value of the UK life course cohorts*. NDA preparatory network grant, Economics and Social Science Research Council, UK. £25,000.
- 2001-2007 Co-Investigator (PI, Subcontract), *Aging and intraindividual cognitive variability*, NIH/NIA grant 5R01AG012448, PI: M. J. Sliwinski. \$1,920,000.
- 2001-2006 Associate Investigator, *Common mental disorders in the community: Aetiology, course, and interventions*. NHMRC/Australia. Director: A. F. Jorm. \$AU 7,750,000.
- 2004-2006 Consultant, *Automated monitoring and alarming for elder care*, NSF/SBIR Phase II grant 0422154, PI: R. Sharma. \$481,203.
- 2003-2006 Program Faculty, *Interdisciplinary training in gerontology*, NIH/NIA grant 5 T32 AG00048, PI: S. H. Zarit. \$1,577,535.
- 2005 Co-Principal Investigator, *International conference on the future of cognitive aging research*, NIH/NIA, 1R13 AG026231-01, PI: D. Alwin. \$45,000.
- 2000-2005 Program Faculty, *Training in mental health and aging*, NIH/NIMH grant 5 T32 MH18904-14, PI: S. H. Zarit. \$878,220.
- 2000-2005 Program Faculty, *Training in genetics of complex behaviors in aging*, NIH/NIA grant 5 T32 AG00276, PI: G. P. Vogler. \$937,584.

- 2002-2004 Co-Principal Investigator (PI, Subcontract), *Psychopathology in young people with mental retardation*, NIH/NIMH grant 1R01MH061809-02, PI: B. Tonge. \$300,000.
- 2000-2004 Co-PI (PI, Subcontract), *Biometrical analysis of personality in adulthood*, NIH/NIA grant 1 R01 AG17949. PI: M. C. Stallings. \$275,753.
- 2000 Co-Investigator, *Personality stability during life-span adaptations to dependency*, Child, Youth, and Families Consortium, PSU, PI: D. Conroy. \$2,000.
- 1998-2004 Research Associate, *Origins of variance in the old-old: Octogenarian twins*, MERIT Extension of NIA grant AG08861, PI: G. E. McClearn. \$4,066,387.
- 1999-2003 Co-Investigator, *Genetic markers and alcohol-related behavior in mice*, NIH/NIAA grant AA08125, PI: G. E. McClearn. \$3,662,954
- 1999-2004 Co-Investigator, *QTL analysis of age-related phenotypes*, NIH/NIA grant AG14731, PI: G. E. McClearn. \$7,180,317.
- 1997-1999 Research Associate, *Analysis of data of the biomarker group projects*, NIA grant AG07719, PI: G. E. McClearn. \$74,562.
- 1996 Young Research Worker's Travel Award, The British Council in Canada. £250.
- 1995-1996 Research Fellow, *Application of BUGS (Bayesian Using Gibbs Sampling) methods to problems of informative drop-out in longitudinal aging research*, ESRC (UK), Visiting Researcher Fellowship for collaboration with D. J. Spiegelhalter. £11,000.
- 1995-1996 Principal Investigator, *Lifestyle indicators of adult age differences in cognitive abilities: A cross-cultural collaboration*, Medical Research Council, United Kingdom. £3,500.

Teaching Experience

- 2009-Present Faculty Lecturer, Department of Psychology, University of Victoria
Undergraduate Courses
PSYC 492: Integrative Analysis of Stress, Health, and Cognition
PSYC 492: Integrative Analysis of Well-Being
Graduate Courses
PSYC 560: Research Methods in Lifespan Psychology
PSYC 569: Lifespan Developmental Methodology: Generalized Causal Inference
PSYC 513: Quantitative Data Analysis: Longitudinal Data Analysis Using Mplus
- 2011 Faculty, Statistical Methods in Aging, Analytical Research Training (SMAART) workshop, Victoria, BC, May 16-20. Sponsored by CIHR Institute on Aging and the UVic Centre on Aging.
- 2010 Organizer and Faculty, Friday Harbor Advanced Psychometric Conference, Friday Harbor, WA, August. The focus of this meeting was on integrative data analysis, emphasizing methods for cross-study replication/generalizability of results across several longitudinal studies affiliated with the Integrative Analysis of Longitudinal Studies of Aging (IALSA) research network.
- 2010 Faculty, *Summer School on Longitudinal Data Analysis, Learning Curves, and Intraindividual Variability*, Ph.D. Program at the Department of Psychology, University of Zurich, Switzerland.
- 2006-2009 Faculty Lecturer, Department of Human Development and Family Sciences, Oregon State University.
Undergraduate Courses
Applied Research Methods (HDFS 361)
Graduate Courses
Advanced Longitudinal Modeling with Mplus (HDFS 630)
Research: Idea to Proposal (HDFS 607)

- 2007-2008 Faculty, *Summer Institute on Research Methodology (July)*. College of Health and Human Sciences, Oregon State University.
- 2006 Faculty, *Données synchroniques, rétrospectives ou longitudinales : avantages, inconvénients, integration*. Workshop on design and analysis of longitudinal studies, Oct. 4-6, University of Geneva, Switzerland.
- 2006 Faculty, *Multivariate Analysis of Change in Longitudinal Studies on Aging: Concepts, Analysis, and Applications*. Workshop supported by the ARC/NHMRC Research Network on Ageing Well and the Australian Government Department of Families, Community Services and Indigenous Affairs, July 10-14, Australian National University.
- 2006 Faculty, *Longitudinal Research from Middle to Late-Adulthood: Methodological Considerations and Approaches for Examining Aging-Related Changes*. Half-day workshop supported by the ARC/NHMRC Research Network in Ageing Well and the APS Psychology and Aging Interest Group (SA Branch), July 7, Flinders University.
- 1998-2006 Faculty Lecturer, Department of Human Development and Family Studies, The Pennsylvania State University, University Park.
- Undergraduate Courses
Adult Development and Aging (HDFS 249)
Empirical Inquiry in Developmental Research (HDFS 312w)
Development Throughout Adulthood (HDFS 445)
- Graduate Courses
Multivariate Study of Change and Human Development (HDFS 517)
Research Methods in Developmental Processes (HDFS 536)
Adult Development Seminar: Personality Across the Lifespan (HDFS 579)
Assessing Environmental Sources of Influence (HDFS 597)
- 2005 Faculty, *Multivariate Longitudinal Methods in Developmental and Aging Research*, May 12-13, Research Design and Analysis Unit, Schiefelbusch Institute for Lifespan Studies, University of Kansas, Lawrence.
- 2004 Faculty, *Design and Analysis of Longitudinal Studies of Adult Development and Aging*. Sept. 28-Oct. 8, University of Göteborg, Sweden
- 2004 Faculty, *Longitudinal Methods in Aging Research*. Summer program in quantitative methods of social research, Inter-university Consortium for Political and Social Research (ICPSR), June 14-18, University of Michigan.
- 1998 Presenter, *Workshop on Missing Data and Multiple Imputation*, Institute for Gerontology, Jönköping, Sweden.
- 1997 Presenter, *Twin Study Methodology Workshop*, Institute for Gerontology, Jönköping, Sweden.
- 1994-1995 Lecturer, course on *Psychology of Aging*, University of Manchester, England.
- 1992 Participant, *Regional Institute on Critical Thinking Teaching Strategies*, Center for Critical Thinking at Sonoma State University; Marina del Rey, CA.
- 1992 Presenter, *Teaching Critical Thinking*, Annual Graduate Teaching Assistant Seminar, The Graduate School, USC.
- 1989-1991 Teaching Assistant, Department of Psychology, USC. Courses included Introductory Statistics, Adult Development and Aging, and Research Methods.

Awards and Distinctions

- 2013-Present Fellow, Canadian Academy of Health Sciences
- 2012-2013 President, Society of Multivariate Experimental Psychology.
- 2002-Present Elected Member, Society for Multivariate Experimental Psychology, Society of quantitative psychologists limited to 65 members worldwide.

- 2001 Apple of Knowledge Award, University College of Health Sciences, Jönköping, Sweden.
- 1991 Teaching Assistant Award, Department of Psychology, USC, Los Angeles.
- 1991 Honorable Mention, University Teaching Assistant Award, USC, Los Angeles.

Professional Service

Editorial Review

- 2009-Present Member, Editorial Board, *Journal of Gerontology: Psychological Sciences*.
- 2007-Present Member, Editorial Board: *The Open Geriatric Medicine Journal*.
- 2005-Present Consulting Editor, *Multivariate Behavioral Research*.
- 1999-Present Member, Editorial Board: *Gerontology: Behavioral Sciences Section*.
- 1994-Present Ad Hoc Reviewer: *Aggressive Behavior; Aging, Neuropsychology, and Cognition; American Journal of Epidemiology; Archives of General Psychiatry; Behavior Genetics; BMC Public Health; Canadian Journal of Experimental Psychology; Canadian Psychology; Child Development; Developmental Psychology; European Journal of Aging; European Psychologist; Geriatric Psychiatry; Gerontology; Geropsychology; Health Reports; International Journal of Abnormal Psychology; International Journal of Behavior Development; International Journal of Geriatric Psychiatry; Journal of Abnormal Child Psychology; Journal of Aging & Human Development; Journal of Aging Research; Journal of the American Aging Association; Journal of Applied Gerontology; Journal of Experimental Psychology: Applied; Journal of Gerontology: Biological Sciences; Journal of Gerontology: Medical Sciences; Journal of Gerontology: Psychological Sciences; Journal of Individual Differences; Journal of the International Neuropsychological Society; Multivariate Behavioral Research; Neurology; Perception and Psychophysics; Personality and Individual Differences; Proceedings of the National Academy of Sciences; Psychology and Aging; Psychological Assessment; Psychological Medicine; Psychological Science; Psychosomatic Medicine; Research in Human Development; Social Development; Structural Equation Modeling; Swiss Journal of Psychology; The American Journal of Psychiatry*.
- 2008-2011 Consulting Editor, *Psychology and Aging*.
- 2007-2010 Member (Chair, 2008-2009), Editorial Advisory Board: *Multivariate Behavioral Research*.

Grant Review

- 2013 Reviewer, Age UK.
- 2013 Reviewer, German-Israeli Foundation for Scientific Research and Development.
- 2013 Reviewer, National Institute on Aging, National Institutes of Health, Study Section for NIA Datasets in Aging ZAG1 ZIJ-3 (M1).
- 2013 Reviewer, Social Sciences and Humanities Research Council of Canada.
- 2013 Reviewer, Swedish Council for Working Life and Social Research.
- 2001-Present Reviewer, Special Emphasis Panels (various), Center for Scientific Review, NIH.
- 2012 Reviewer, Age UK / British Geriatrics Society, Clinical Fellowships in Ageing Research.
- 2012 Reviewer, National Institute on Aging, National Institutes of Health, Study Section for Datasets in Aging ZAG1 ZIJ-9 (M2).
- 2012 Reviewer, Swedish Council for Working Life and Social Research.
- 2011 Reviewer, Cognition and Perception (CP) Study Section, Center for Scientific Review, NIH.
- 2011 Reviewer, Vienna Science and Technology Fund, Austria.

- 2009 Reviewer, Economic and Social Science Research Council, United Kingdom.
 2003-2011 Reviewer, Research into Ageing, United Kingdom
 2004-2008 Member, Social Psychology, Personality, and Interpersonal Processes (SPIP) Study Section, Center for Scientific Review, National Institutes of Health.
 2007-2008 Reviewer, Medical Research Council, United Kingdom.
 2005 Reviewer, Swiss National Science Foundation.
 2005 Reviewer, Research Grants Council, Hong Kong.

Service to Field

- 2012-Present Member, Council of Representatives, Federation of Associations of Behavioral and Brain Sciences, Washington, DC.
 2012-Present Member, External Board, Midlife in the United States (MIDUS): A National Study of Health and Well-being.
 2011-Present Member, Longitudinal Aging Study Amsterdam (LASA) Advisory Board, EMGO Institute for Health and Care Research, Vrije University, Amsterdam.
 2010-Present Member, Executive Committee, Advanced Psychometrics for Cognitive Aging Research (PI: D. Mungas).
 2012 Program Chair (President-Elect), Society of Multivariate Experimental Psychology, Vancouver, BC (October 2012).
 2011 Program Section Chair, Society for Research in Child Development, Developmental Methodology Themed Meeting (February 2012).
 2008-2012 Coordinating Officer, Society of Multivariate Experimental Psychology.
 2007-2014 Trustee, Society of Multivariate Experimental Psychology.
 2008-2010 Member-at-Large, Behavioral and Social Sciences Section (Fellowship Committee, Elections Committee), The Gerontological Society of America.
 2007-2009 Local Arrangements Chair (2009 meeting), Society of Multivariate Experimental Psychology.
 2007-2009 Program Chair (2009 Convention), Division 5, Evaluation, Measurement and Statistics, American Psychological Association.
 2007-2009 Member, Oregon Partnership for Alzheimer's Research Committee, Layton Aging & Alzheimer Disease Research Center, Oregon Health & Science University.
 2006-2009 Treasurer, Division 20, Adult Development and Aging, American Psychological Association.
 2006-2009 Member, Dissertation Awards Committee, Society for Multivariate Experimental Psychology.
 2008 Invited Participant, *New Horizons Expert Workshop: Quality of Life in Old Age*. Sponsored by the Jacobs Foundation, July 22, Berlin, Germany.
 2008 Invited Participant, NIA Workshop on *Genetic Mechanisms and Life Course Development*. Behavior and Social Research Program, National Institute on Aging, Feb. 11-12, Bethesda, MD.
 2007 Invited Participant, *The Future of the Human Healthspan Conference*, National Academies Keck Futures Initiative, Nov. 14-16, Irvine, CA.
 2004 Member, Behavior and Social Science Program Committee, Gerontological Society of America.
 2001-2003 Chair, Ad Hoc Committee on Technology, Behavioral and Social Sciences Section, Gerontology Society of America.
 2002 Invited Participant, NIA Workshop on *Genetics, Behavior, and Aging*, Behavior and Social Research Program, National Institute on Aging, Bethesda, MD.
 1999-2001 Faculty Advisor, Sigma Phi Omega (National Honor Society in Gerontology), Pennsylvania State University.

1993 President, Graduate Association of Students in Psychology, University of Southern California.

University and Professional Committees

University

2013-Present Member, Social Sciences Dean Search Committee (UVic)
 2012-Present Member, Research Computing Steering Committee (UVic)
 2010-Present Member, Governance and Oversight Committee, Population Data BC.
 2008-2009 Faculty Senator (OSU)

College

2010-2013 Member, Centre on Aging Advisory Board (UVic).
 2006-2009 College of Health and Human Sciences Methodology Core (OSU)
 2003-2005 International Research Advisory Board (PSU)
 2002-2003 HDFS Department Head Search (PSU)
 2002-2003 Gerontology Center Director Search (PSU)

Departmental

2012-2013 Alternate Member, Review, Promotion, & Tenure Committee, Dept of Psychology (UVic)
 2008-2009 Promotion and Tenure Committee (HDFS, OSU)
 2008-2009 Promotion and Tenure Committee (Psychology, OSU)
 2008-2009 Epidemiology Search Committee, Dept of Public Health (OSU)
 2007-2009 Chair, Graduate Committee (OSU)
 2006-2007 Member, Graduate Committee (OSU)
 2005-2006 Methodology Search Committee (PSU)
 2005-2007 Program, Planning, Development and Evaluation Committee (PSU)
 2003-2004 Methods Area Committee (PSU)
 2003-2004 Graduate Admissions Committee (PSU)
 2002-2004 HDFS Representative, Child Development Laboratory (PSU)
 2002-2003 Individual Development Search Committee (PSU)
 2001-2006 Comprehensive Examination Committee (PSU)
 2000-2002 Program, Planning, Development and Evaluation Committee (PSU)
 2000-2001 Methodology Search Committee (PSU)
 1999-2001 Awards Committee (PSU)

Professional

2011 Co-Organizer, IALSA/HALCyon Methods Conference, June 15-16, and Measurement and Modelling of Functional Trajectories across the Life Course Workshop, June 17. Funded by NIH/NIA and the UK Medical Research Council, Chichester, UK.
 2011 Co-Organizer (with A. M. Piccinin & H. Tuokko), Statistical Methods in Aging, Analytical Research Training (SMAART) workshop, Victoria, BC in May 16-20. Sponsored by CIHR Institute on Aging and the University of Victoria, Centre on Aging.
 2010 Organizer & Member, Executive Committee, *Integrative Data Analysis*, Advanced Psychometrics Methods Conference, Friday Harbor, Washington.

- 2010 Organizer (with A. M. Piccinin), *New Methods for the Integrative Analysis of Longitudinal Studies of Aging*, Victoria, BC in June 22-25, 2010. Conference funded by NIH/NIA, CIHR, and the Society for Multivariate Experimental Psychology.
- 2009 Co-Organizer (with D. F. Alwin & M. Hayward), *Cognition, Health, & Aging: Integrating Perspectives across Disciplines*. Oct. 30-31. Conference funded by NIH/NIA and National Academies Keck Futures Initiative.
- 2005-2007 Advisory Committee, Biobehavioral Neurosciences of Communication Disorders, Advanced Statistical Methods Core, University of Kansas, Lawrence.
- 2005 Co-Organizer (with D. F. Alwin), *International Conference on the Future of Cognitive Aging Research*, May 20-22. Conference funded by NIH/NIA and The Pennsylvania State University.
- 2003 Co-Organizer (with H. Christensen, K. Anstey, & M. Luszcz), *Dynamic Processes in Ageing: Directions in Longitudinal Research* Conference, Australian National University, Canberra, Australia, September 21-22. Conference sponsored by the Australian National University, Flinders University, and The Pennsylvania State University.
- 2002 Invited Speaker, *International Workshop on Methods for Examining Variability in Lifespan Aging Research*, The German Center for Research on Aging, University of Heidelberg, Germany. February.
- 2002 Co-Organizer, *The Fifth International Institute on Developmental Science*, The Pennsylvania State University, May 16-21, 2002.
- 2002 Plenary Speaker, Methodological issues and optimal designs for cognitive ageing research. *Determinants of Cognitive Ageing Workshop*, National Collaboration on Ageing Research, United Kingdom.
- 1999 Invited Participant, German-American Frontiers of Social Sciences Conference, Berlin.
- 1999 Participant, Twelfth International Workshop on Methodology of Twin and Family Studies: The Advanced Course, Boulder, CO.
- 1998 Participant, Workshop in Genetics of Nonlinear Dynamic Systems, NIH Educational Workshops in Interdisciplinary Research, University Park, PA.
- 1997 Participant, Ninth International Workshop on Methodology of Twin and Family Studies, Boulder, CO.
- 1997 Participant, Summer School on Nonlinear Dynamics in Biology and Medicine, Montreal.
- 1995 Consultant, Assessment of the factorial structure of the CAMCOG test battery, F. A. Huppert, Ph.D., Department of Psychiatry, University of Cambridge, England.
- 1994-1995 Consultant, Change in cognitive function and cardiovascular health in the Caerphilly Cohort, P. C. Elwood, M.D., MRC Epidemiology Unit, Cardiff, Wales.

Professional Affiliations

- American Psychological Association (1989-)
 - Division 5, Evaluation, Measurement, and Statistics (*Fellow*)
 - Division 20, Adult Development and Aging (*Fellow*)
- Association for Psychological Science (*Charter Member*)
- Canadian Academy of Health Sciences (Fellow, 2013-)
- Canadian Association of Gerontology (2010-)
- Gerontological Society of America (*Fellow*, 1990-)
- Society for Multivariate Experimental Psychology (2002-)
- Royal Statistical Society (*Fellow*, 1995-)

Articles in Refereed Journals

- Rush, J., & **Hofer, S. M.** (in press). Differences in within- and between-person factor structure and predictors of positive and negative affect: Analysis of two intensive measurement studies using multilevel SEM. *Psychological Assessment*.
- McArdle, J. J., & **Hofer, S. M.** (in press). Fighting for Intelligence: A Brief Overview of the Academic Work of John L. Horn. *Multivariate Behavioral Research*.
- Clouston, S., Brewster, P., Kuh, D., Richards, M., Cooper, R., Hardy, R., Rubin, M., & **Hofer, S. M.** (2013). The dynamic relationship between physical function and cognition in longitudinal aging cohorts: A systematic review. *Epidemiologic Reviews*, 35, 33-50. doi: 10.1093/epirev/mxs004.
- Gray, K. M., Piccinin, A. M., Keating, C. M., Taffe, J., Parmenter, T. R., **Hofer, S. M.**, Einfeld, S. L. & Tonge, B. J. (2013). Outcomes in young adulthood: Are we achieving community participation and inclusion? *Journal of Intellectual Disability Research*. Published online 2013 July 18. doi: 10.1111/jir.12069.
- Griffith, L., van den Heuvel, E., Fortier, I., **Hofer, S. M.**, Raina, P., Sohe, I N., Payette, H., Wolfson, C., & Belleville, S. (2013). Harmonization of Cognitive Measures in Individual Participant Data and Aggregate Data Meta-Analysis. Methods Research Report. (Prepared by the McMaster University Evidence-based Practice Center under Contract No. 290-2007-10060-I.) AHRQ Publication No.13-EHC040-EF. Rockville, MD: Agency for Healthcare Research and Quality.
- Kurtz, T., Mogle, J., Sliwinski, M. J., & **Hofer, S. M.** (2013). Individual differences in task-specific paired associates learning in older adults: The role of processing speed and working memory. *Experimental Aging Research*, 39, 493-514.
- Kuzucu, Y., Bontempo, D.E., **Hofer, S.M.**, Stallings, M.C., & Piccinin, A.M. (2013). Developmental change and time-specific variation in global and specific aspects of self-concept in adolescence and association with depressive symptoms. *The Journal of Early Adolescence*. Published online 2013 October 28. doi: 0.1177/0272431613507498.
- Muniz, G. M., van den Hout, A., Piccinin, A. M., Matthews, F., & **Hofer, S. M.** (2013). Investigating terminal decline: Results from a UK population-based study of ageing. *Psychology and Aging*, 28, 377-385.
- Piccinin, A. M., Muniz, G., Clouston, S., Reynolds, C., Thorvaldsson, V., Deary, I., Deeg, D., Johansson, B., Mackinnon, A., Spiro, A., Starr, J. M., Skoog, I., & **Hofer, S. M.** (2013). Coordinated analysis of age, sex, and education effects on change in MMSE scores. *The Journals of Gerontology: Psychological Sciences*, 68, 374-390.
- Rast, P., & **Hofer, S. M.** (2013). Longitudinal design considerations to optimize power to detect variances and covariances among rates of change: Simulation results based on actual longitudinal studies. *Psychological Methods*. Published online 2013 November 11.
- Robitaille, A., Piccinin, A. M., Muniz, G., Hoffman, L., Johansson, B., Deeg, D. J. H., Aartsen, M. J., Comijs, H. C., & **Hofer, S. M.** (2013). Longitudinal mediation of processing speed on age-related change in memory, knowledge, and fluid intelligence. *Psychology and Aging*, 28, 887-901
- Stawski, R., Sliwinski, M. J., & **Hofer, S. M.** (2013). Between-person and within-person associations among speed, attention switching and working memory in younger and older adults. *Experimental Aging Research*, 39, 194-214.
- Brown, C.L., Gibbons, L.E., Kennison, R.F., Robitaille, A., Lindwall, M., Mitchell, M., Shirk, S.D., Atri, A., Cimino, C.R., Benitez, A., MacDonald, S.W.S., Zelinski, E., Willis, S.L., Schaie, K.W., Johansson, B., Dixon, R.A., Mungas, D.M., **Hofer, S.M.** & Piccinin, A.M. (2012). Social activity and cognitive functioning over time. *Journal of Aging Research*, vol. 2012, Article ID 287438, 12 pages. doi:10.1155/2012/287438.

- Clouston, S., Kuh, D., Herd, P., Elliott, J., & Richards, M., & **Hofer, S. M.** (2012). Benefits of educational attainment on adult fluid cognition: International evidence from three birth cohorts. *International Journal of Epidemiology*, *41*, 1729-1736. PMID: 23108707.
- Erten-Lyons, D., Sherbakov, L., Piccinin, A. M., **Hofer, S. M.**, Dodge, H., Quinn, J., Woltjer, R., Kramer, P., & Kaye, J. (2012). Review of current databases of longitudinal aging studies. *Alzheimer's & Dementia*, *8*, 584-589. doi:10.1016/j.jalz.2011.09.232
- Lindwall, M., Cimino, C. R., Gibbons, L. E., Mitchell, M., Benitez, A., Brown, C. L., Kennison, R. F., Shirk, S. D., Atri, A., Robitaille, A., MacDonald, S. W. S., Zelinski, E., Willis, S. L., Schaie, K. W., Johansson, B., Praetorius, M., Dixon, R. A., Mungas, D. M., **Hofer, S. M.** & Piccinin, A. M. (2012). Dynamic associations of change in physical activity and change in cognitive function: Coordinated analyses of four longitudinal studies. *Journal of Aging Research*, Article ID 493598, 12 pages, doi:10.1155/2012/493598.
- Mitchell, M., Cimino, C. R., Benitez, A., Brown, C. L., Gibbons, L. E., Kennison, R. F., Shirk, S. D., Atri, A., Robitaille, A., Lindwall, M., MacDonald, S. W. S., Zelinski, E., Willis, S. L., Schaie, K. W., Johansson, B., Dixon, R. A., Mungas, D. M., **Hofer, S. M.** & Piccinin, A. M. (2012). Cognitively stimulating activities: Effects on cognition across four studies with up to 21 years of longitudinal data. *Journal of Aging Research*. Article ID 461592, 12 pages, doi:10.1155/2012/461592.
- Rast, P., **Hofer, S. M.**, & Sparks, C. (2012). Modeling individual differences in within-person variation of negative and positive affect in a mixed effects location scale model using BUGS/JAGS. *Multivariate Behavioral Research*, *47*, 177-200.
- Rast, P., MacDonald, S. W. S., & **Hofer, S. M.** (2012). Intensive measurement designs for research on aging. *GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry*, *25*, 45-55.
- Robitaille, A., Muniz-Terra, G., Piccinin, A. M., Johansson, B., & **Hofer, S. M.** (2012). Multivariate longitudinal modeling of cognitive aging: Examining associations among change and variation in processing speed and visuospatial ability. *GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry*, *25*, 15-25.
- Thorvaldsson, V., Skoog, I., **Hofer, S. M.**, Börjesson-Hanson, A., Östling, S., Sacuiu, S., & Johansson, B. (2012). Non-linear blood pressure effects on cognition in old age: Separating between-person and within-person associations. *Psychology & Aging*, *27*, 375-383.
- Alwin, D. F., & **Hofer, S. M.** (2011). Health and cognition in aging research. *Journals of Gerontology: Psychological Sciences*, *66B*, i9-i16.
- Gallacher, J., & **Hofer, S. M.** (2011). Generating large-scale longitudinal data resources for aging research. *Journals of Gerontology: Psychological Sciences*, *66B*, i72-i79.
- Gray, K. M., Piccinin, A. M., **Hofer, S. M.**, Mackinnon, A., Bontempo, D. E., Einfeld, S. L., Parmenter, T., & Tonge, B. J. (2011). The longitudinal relationship between behavior and emotional disturbance in young people with intellectual disability and maternal mental health. *Research in Developmental Disabilities*, *32*, 1194-1204.
- Hoffman, L., **Hofer, S. M.**, & Sliwinski, M. J. (2011). On the confounds among retest gains and age-cohort differences in the estimation of within-person change in longitudinal studies: A simulation study. *Psychology and Aging*, *26*, 778-791.
- Muniz-Terrera, G., Piccinin, A. M., Johansson, B., Matthews, F., & **Hofer, S. M.** (2011). Joint modeling of longitudinal change and survival: An investigation of the association between change in memory scores and death. *GeroPsych: The Journal of Gerontopsychology and Geriatric Psychiatry*, *24*, 177-185.
- Hofer, S. M.**, & Piccinin, A. M. (2010). Toward an integrative science of lifespan development and aging. *Journals of Gerontology: Psychological Sciences*, *65B*, 269-278.

- Sliwinski, M. J., Hoffman, L., & **Hofer, S. M.** (2010). Evaluating convergence of within-person change and between-person age differences in age-heterogeneous longitudinal studies. *Research in Human Development*, 7, 45-60.
- Van den Kommer, T. N., Bontempo, D. E., Comijs, H. C., **Hofer, S. M.**, Dik, M. G., Piccinin, A. M., Jonker, C., Deeg, D. J. H., & Johansson, B. (2010). Classification models for early identification of persons at risk for dementia in primary care: An evaluation in a sample aged 80 years and older, *Dementia and Geriatric Cognitive Disorders*, 28, 567-577.
- Der, G., Allerhand, M., Starr, J. M., **Hofer, S. M.**, & Deary, I. J. (2010). Age-related changes in memory and fluid reasoning in a sample of healthy old people. *Aging, Neuropsychology, & Cognition*, 17, 55-70.
- Fernandez-Ballesteros, R., Frensch, P. A., **Hofer, S. M.**, Park, D. C., Pinguat, M., Silbereisen, R. K., Staudinger, U. M., Wahl, H-W., & Whitfield, K. E. (2009). Berlin declaration on quality of life for older adults: Closing the gap between scientific knowledge and intervention. *European Journal of Ageing*, 6, 49-50.
- Foreman, J. E., Lionikas, A., Lang, D. H., Gyekis, J. P., Krishnan, M. U., Sharkey, N. A., Gerhard, G. S., Grant, M. D., Vogler, G. P., Mack, H. A., Stout, J. T., Griffith, J. W., Lakoski, J. M., **Hofer, S. M.**, McClearn, G. E., Vandenberg, D. J., & Blizard, D. A. (2009). Genetic architecture for hole-board behaviors across substantial time intervals in young, middle-aged, and old mice. *Genes, Brain, and Behavior*, 8, 714-727.
- Hofer, S. M.**, Gray, K. M., Piccinin, A. M., Mackinnon, A. J., Bontempo, D. E., Einfeld, S. L., Hoffman, L., Parmenter, T., & Tonge, B. J. (2009). Correlated and coupled within-person change in emotional and behavior disturbance in individuals with intellectual disability. *American Journal on Intellectual and Developmental Disabilities*, 5, 307-321.
- Hofer, S. M.**, & Piccinin, A. M. (2009) Integrative data analysis through coordination of measurement and analysis protocol across independent longitudinal studies. *Psychological Methods*, 14, 150-164.
- Thorvaldsson, V., **Hofer, S. M.**, Berg, S., Skoog, I., Sacuiu, S., & Johansson, B. (2008). Onset of terminal decline in cognitive abilities in individuals without dementia. *Neurology*, 71, 882-887.
- Bontempo, D. E., **Hofer, S. M.**, Mackinnon, A., Piccinin, A. M., Gray, K., Tonge, B., & Einfeld, S. (2008). Factor structure of the Developmental Behavior Checklist using confirmatory factor analysis of polytomous items. *Journal of Applied Measurement*, 9, 265-280.
- Harel, O., **Hofer, S. M.**, Hoffman, L. R., Pedersen, N., & Johansson, B. (2007). Population inference with mortality and attrition in longitudinal studies on aging: A two-stage multiple imputation method. *Experimental Aging Research*, 33, 187-203.
- Kolanowski, A., Hoffman, L., & **Hofer, S. M.** (2007). Concordance of self-report and informant assessment of emotional well-being in nursing home residents with dementia. *Journal of Gerontology: Psychological Sciences*, 62B, P20-P27.
- Zeintl, M., Kliegel, M., & **Hofer, S. M.** (2007). The role of processing resources in prospective and retrospective memory within old age. *Psychology and Aging*, 22, 826-834.
- Brickler, J. B., Stallings, M. C., Corley, R. P., Wadsworth, S. J., Bryan, A., Timberlake, D., **Hofer, S., M.**, Hewitt, J. K., Caspi, A., & DeFries, J. C. (2006). Genetic and environmental influences on age at sexual initiation in the Colorado Adoption Project. *Behavior Genetics*, 36, 820-832.

- Einfeld, S. L., Piccinin, A. M., Mackinnon, A., **Hofer, S., M.**, Taffe, J., Gray, K. E., Bontempo, D. E., Hoffman, L. R., Parmenter, T., & Tonge, B. J. (2006). Psychopathology in young people with intellectual disability. *Journal of the American Medical Association*, *296*, 1981-1989.
- Fauth, E. B., Zarit, S. H., Femia, E. E., **Hofer, S. M.**, & Stephens, M. A. P. (2006). Behavioral and psychological symptoms of dementia and caregivers' stress appraisals: Intra-individual stability and change over short-term observations. *Aging and Mental Health*, *10*, 563-573.
- Hofer, S. M.**, Flaherty, B. P., & Hoffman, L. (2006). Cross-sectional analysis of time-dependent data: Mean-induced association in age-heterogeneous samples and an alternative method based on sequential narrow age-cohorts. *Multivariate Behavioral Research*, *41*, 165-187.
- Proctor, D. N., Fauth, E. B., Hoffman, L., **Hofer, S. M.**, Berg, S., & Johansson, B. (2006). Longitudinal changes in physical functional performance among the oldest old: Insight from a study of Swedish twins. *Aging Clinical and Experimental Research*, *18*, 517-530.
- Sliwinski, M. J., Smyth, J., **Hofer, S. M.**, & Stawski, R. (2006). Intraindividual coupling of daily stress and cognition. *Psychology and Aging*, *21*, 545-557.
- Thorvaldsson, V., **Hofer, S. M.**, & Johansson, B. (2006). Ageing and late life terminal decline: A comparison of alternative modeling approaches. *European Psychologist*, *11*, 196-203.
- Thorvaldsson, V., **Hofer, S. M.**, Berg, S. & Johansson, B. (2006). Effects of repeated testing in a longitudinal age-homogeneous study of cognitive aging. *Journal of Gerontology: Psychological Sciences*, *61B*, P348-P354.
- Shanahan, M. J., & **Hofer, S. M.** (2005). Social context in gene-environment interactions: Retrospect and prospect. *Journal of Gerontology: Behavioral and Social Sciences*, *60B* (Special Issue I), 65-76.
- Anstey, K. J., & **Hofer, S. M.** (2004). Longitudinal designs, methods and analysis in psychiatric research. *Australian and New Zealand Journal of Psychiatry*, *38*, 93-104.
- Christensen, H., Mackinnon, A., Jorm, A. F., Korten, A., Jacomb, P., **Hofer, S. M.**, & Henderson, A. S. (2004). The Canberra Longitudinal Study: Design, aims, methodology, outcomes, and recent empirical investigations. *Aging, Neuropsychology, and Cognition*, *11*, 169-195.
- Hassing, L. B., Grant, M. D., **Hofer, S. M.**, Pedersen, N. L., Nilsson, S. E., Berg, S., McClearn, G. E. & Johansson, B. (2004). Type 2 diabetes mellitus contributes to cognitive change in the oldest old: A longitudinal population-based study. *Journal of the International Neuropsychological Society*, *4*, 599-607.
- Hassing, L. B., **Hofer, S. M.**, Nilsson, S. E., Berg, S., Pedersen, N. L., McClearn, G. E. & Johansson, B. (2004). Comorbid Type 2 diabetes mellitus and hypertension exacerbates cognitive decline: Evidence from a longitudinal study. *Age and Ageing*, *33*, 355-361.
- Johansson, B., **Hofer, S. M.**, Allaire, J. C., Maldonado-Molina, M., Piccinin, A. M., Berg, S., Pedersen, N., & McClearn, G. E. (2004). Change in memory and cognitive functioning in the oldest-old: The effects of proximity to death in genetically related individuals over a six-year period. *Psychology and Aging*, *19*, 145-156.
- Martin, M. & **Hofer, S. M.** (2004). Intraindividual variability, change, and aging: Conceptual and analytical issues. *Gerontology*, *50*, 7-11.
- Zimprich, D., **Hofer, S. M.**, & Aartsen, M. J. (2004). Short-term versus long-term changes in processing speed. *Gerontology*, *50*, 17-21.

- Anstey, K. J., **Hofer, S. M.**, & Luszcz, M. A. (2003). A latent growth curve analysis of late life cognitive and sensory function over eight years: Evidence for specific and common factors underlying change. *Psychology and Aging, 18*, 714-726.
- Anstey, K. J., **Hofer, S. M.**, & Luszcz, M. A. (2003). Cross-sectional and longitudinal patterns of dedifferentiation in late-life cognitive and sensory function: The effects of age, ability, attrition, and occasions of measurement. *Journal of Experimental Psychology: General, 132*, 470-487.
- Conroy, D. E., Elliott, A. J., & **Hofer, S. M.** (2003). A 2 x 2 Achievement Goals Questionnaire for Sport: Evidence for factorial invariance, temporal stability, and external validity. *Journal of Sport and Exercise Psychology, 25*, 456-476.
- Conroy, D. E., Metzler, J. N., & **Hofer, S. M.** (2003). Factorial invariance and latent mean stability of performance failure appraisals. *Structural Equation Modeling, 10*, 401-422.
- Heiman, N., Stallings, M. C., Hewitt, J. K., & **Hofer, S. M.** (2003). Investigating age differences in the genetic and environmental structure of the Tridimensional Personality Questionnaire in later adulthood. *Behavior Genetics, 33*, 171-180.
- Hofer, S. M.**, Berg, S., & Era, P. (2003). Evaluating the interdependence of aging-related changes in visual and auditory acuity, balance, and cognitive functioning. *Psychology and Aging, 18*, 285-305.
- Mackinnon, A., Christensen, H., **Hofer, S. M.**, Korten, A., & Jorm, A. F. (2003). Use it and still lose it? The association between activity and cognitive performance established using latent growth techniques in a community sample. *Aging, Neuropsychology, and Cognition, 10*, 215-229.
- Pedersen, N. L., Ripatti, S., Berg, S., Reynolds, C., **Hofer, S. M.**, Finkel, D., Gatz, M., & Palmgren, J. (2003). The influence of mortality on twin models of change: Addressing missingness through multiple imputation. *Behavior Genetics, 33*, 161-169.
- Sliwinski, M. J., **Hofer, S. M.**, & Hall, C. (2003). Correlated and coupled cognitive change in older adults with and without clinical dementia. *Psychology and Aging, 18*, 672-683.
- Sliwinski, M. J., **Hofer, S. M.**, Hall, C., Bushke, H., & Lipton, R. B. (2003). Modeling memory decline in older adults: The importance of preclinical dementia, attrition and chronological age. *Psychology and Aging, 18*, 658-671.
- Hassing, L. B., Johansson, B., Berg, S., Nilsson, S. E., Pedersen, N. L., **Hofer, S. M.**, & McClearn, G. E. (2002). Terminal decline and markers of cerebro- and cardiovascular disease: Findings from a longitudinal study of the oldest-old. *Journals of Gerontology B: Psychological Sciences/ Social Sciences, 57*, P268-P276.
- Hofer, S. M.**, Christensen, H., MacKinnon, A. J., Korten, A. E., Jorm, A. F., Henderson, A. S., & Easta, S. (2002). Change in cognitive functioning associated with apoE genotype in a community sample of older adults. *Psychology and Aging, 17*, 194-208.
- Hofer, S. M.**, Sliwinski, M. J., & Flaherty, B. P. (2002). Understanding Aging: Further commentary on the limitations of cross-sectional designs for aging research. *Gerontology, 48*, 22-29.
- Christensen, H., **Hofer, S. M.**, Mackinnon, A. J., Korten, A. E., Jorm, A. F., & Henderson, A. S. (2001). Age is no kinder to the better educated: Absence of an association established using latent growth techniques in a community sample. *Psychological Medicine, 31*, 15-27.
- Francis, L. A., **Hofer, S. M.**, & Birch, L. L. (2001). Predictors of maternal child-feeding style: Maternal and child characteristics. *Appetite, 37*, 231-243.
- Hofer, S. M.**, & Sliwinski, M. J. (2001). Understanding ageing: An evaluation of research designs for assessing the interdependence of ageing-related changes. *Gerontology, 47*, 341-352.

- Austin, E. J., **Hofer, S. M.**, Deary, I. J. & Eber, H. W. (2000). Interactions between intelligence and personality: A study of Cattell scales in two large samples. *Personality and Individual Differences*, 29, 405-428.
- Fernandez, J. R., Tarantino, L. M., **Hofer, S. M.**, Vogler, G. P., & McClearn, G. E. (2000). Epistatic quantitative trait loci for alcohol preference in mice. *Behavior Genetics*, 30, 431-437.
- Shanahan, M. J., Sulloway, F. J., & **Hofer, S. M.** (2000). Change and constancy in developmental contexts. *International Journal of Behavioral Development*, 24, 421-427.
- Johansson, B., Whitfield, K., Pedersen, N. L., **Hofer, S. M.**, Ahern, F., & McClearn, G. E. (1999). Origins of individual differences in episodic memory in the oldest-old: A population-based study of identical and same-sex fraternal twins aged 80 and above. *Journal of Gerontology*, 54B, P173-P179.
- McClearn, G. E., & **Hofer, S. M.** (1999). Genes as gerontological variables: Genetically heterogeneous stocks and complex systems. *Neurobiology of Aging*, 20, 147-156.
- McClearn, G. E., & **Hofer, S. M.** (1999). Genes as gerontological variables: Uniform genotypes. *Neurobiology of Aging*, 20, 95-104.
- Sliwinski, M. J., & **Hofer, S. M.** (1999). How strong is the evidence for mediational hypotheses of age-related memory loss? A commentary on Luszcz and Bryan. *Gerontology*, 45, 351-354.
- McClearn, G. E., Tarantino, L. M., **Hofer, S. M.**, Jones, B., & Plomin, R. (1998). Developmental loss of effect of a chromosome 15 QTL on alcohol acceptance. *Mammalian Genome*, 9, 991-994.
- Hofer, S. M.**, Horn, J. L., Eber, H. W. (1997). A robust five-factor structure of the 16PF: Evidence from independent rotation and confirmatory factorial invariance procedures. *Personality and Individual Differences*, 23, 247-269.
- Vogler, G. P., Tang, W., Nelson, T. L., **Hofer, S. M.**, Grant, J. D., Tarantino, L. M., & Fernandez, J. R. (1997). A multivariate model for the analysis of sib-ship covariance structure using marker information and multiple quantitative traits. *Journal of Genetic Epidemiology*, 14, 921-926.
- Graham, J. W., **Hofer, S. M.**, & MacKinnon, D. P. (1996). Maximizing the usefulness of data obtained with planned missing value patterns: An application of maximum likelihood procedures. *Multivariate Behavioral Research*, 31, 197-218.
- Hofer, S. M.**, Piccinin, A. M., & Hershey, D. (1996). Analysis of structure and discriminative power of the Mattis Dementia Rating Scale. *Journal of Clinical Psychology*, 52, 395-409.
- Hofer, S. M.**, Stallings, M. C., Reynolds, C., Cliff, N., & Russell, G. L. (1994). What criteria define a successful career in psychology? It depends on who you ask. *Educational and Psychological Measurement*, 54, 447-458.

Books

- Newsom, J. T., Jones, R. N., & **Hofer, S. M.** (Eds., 2011). *Longitudinal data analysis: A practical guide for researchers in aging, health, and social sciences*. New York: Taylor & Francis.
- Hofer, S. M.**, & Alwin, D. F. (Eds., 2008). *The Handbook of Cognitive Aging: Interdisciplinary Perspectives*. Thousand Oaks: Sage Publications.

Parts of Books

- Hardy, R., Muniz-Terrera, G., & **Hofer, S. M.** (2014). Design of life course studies of healthy ageing. In D. Kuh, R. Cooper, R. Hardy, M. Richards, & Y. Ben-Shlomo (Eds.), *A life course approach to healthy ageing* (pp. 65-78). Oxford: Oxford University Press.
- Hofer, S. M.**, Rast, P., & Piccinin, A. M. (2012). Methodological issues in research on adult development and aging. In S. K. Whitbourne & M. J. Sliwinski (Eds.), *Handbook of developmental psychology: Adult development and aging* (pp. 72-96). New York: Wiley-Blackwell.
- Hofer, S. M.**, Thorvaldsson, V., & Piccinin, A. M. (2012). Foundational issues of design and measurement in developmental research. In B. Laursen, T. D. Little, & N. Card (Eds.), *Handbook of developmental research methods* (pp. 3-16). New York: Guilford Press.
- Walls, T. A., Barta, W., Stawski, R. S., Collyer, C., & **Hofer, S. M.** (2012). Timescale dependent longitudinal designs. In B. Laursen, T. D. Little, & N. Card (Eds.), *Handbook of developmental research methods* (pp. 46-64). New York: Guilford Press.
- Bontempo, D. E., Grouzet, F. M. E., & **Hofer, S. M.** (2011). Measurement issues in the analysis of within-person change. In J. T. Newsom, R. N. Jones, & S. M. Hofer (Eds.), *Longitudinal data analysis: A practical guide for researchers in aging, health, and social sciences* (pp. 97-142). New York: Routledge.
- Shanahan, M. J., & **Hofer, S. M.** (2011). Molecular genetics, aging, and well-being: Sensitive period, accumulation, and pathway models. In R. H. Binstock & L. K. George (Eds.), *Handbook of Aging and Social Sciences* (7th Edition; pp. 135-147). New York: Elsevier.
- Hofer, S. M.**, & Piccinin, A. M. (2010). Longitudinal Designs. In N. J. Salkind (Ed.), *Encyclopedia of Research Design*. Thousand Oaks: Sage Publications.
- Sliwinski, M. J., Hoffman, L., & **Hofer, S. M.** (2010). Modeling retest and aging effects in a measurement burst design. In P. C. M. Molenaar & K. M. Newell (Eds.), *Individual pathways of change: Statistical models for analyzing learning and development* (pp. 37-50). Washington DC: American Psychological Association.
- Alwin, D. F. & **Hofer, S. M.** (2008). Challenges to interdisciplinary research on cognitive aging. In S. M. Hofer and D. F. Alwin (Eds.), *Handbook on Cognitive Aging: Interdisciplinary Perspectives* (pp. 2-32). Thousand Oaks: Sage Publications.
- Hofer, S. M.** & Alwin, D. F. (2008). The future of cognitive aging research: Interdisciplinary perspectives and integrative science. In S. M. Hofer and D. F. Alwin (Eds.), *Handbook on Cognitive Aging: Interdisciplinary Perspectives* (pp. 662-672). Thousand Oaks: Sage Publications.
- Piccinin, A. M. & **Hofer, S. M.** (2008). Integrative analysis of longitudinal studies on aging: Collaborative research networks, meta-analysis, and optimizing future studies. In S. M. Hofer and D. F. Alwin (Eds.), *Handbook on Cognitive Aging: Interdisciplinary Perspectives* (446-476). Thousand Oaks: Sage Publications.
- Thorvaldsson, V., **Hofer, S. M.**, Hassing, L., & Johansson, B. (2008). Cognitive change as conditional on age heterogeneity in onset of mortality-related processes and repeated testing effects. In S. M. Hofer and D. F. Alwin (Eds.), *Handbook on Cognitive Aging: Interdisciplinary Perspectives* (pp. 284-297). Thousand Oaks: Sage Publications.
- Bontempo, D. E., & **Hofer, S. M.** (2007). Assessing factorial invariance in cross-sectional and longitudinal studies. In A.D. Ong & M. van Dulmen (Eds.), *Handbook of methods in positive psychology* (pp. 153-175). Oxford University Press.
- Hofer, S. M.**, & Hoffman, L. (2007). Statistical analysis with incomplete data: A developmental perspective. In T. D. Little, J. A., Bovaird, & N. A. Card, (Eds.). *Modeling ecological and contextual effects in longitudinal studies of human development* (pp. 13-32). Mahwah, NJ: LEA.

- Hofer, S. M.**, & Piccinin, A. M. (2007). Longitudinal studies. In J. E. Birren (Ed.), *Encyclopedia of gerontology: Age, aging, and the aged (2nd Edition)*. Oxford: Elsevier Ltd.
- Alwin, D. F., **Hofer, S. M.**, & McCammon, R. (2006). Modeling the effects of time: Integrating demographic and developmental perspectives. In R. H. Binstock & L. K. George (Eds.), *Handbook of the aging and the social sciences* (6th Edition; pp. 20-38). San Diego: Academic Press.
- Alwin, D. F., McCammon, R., & **Hofer, S. M.** (2006). Studying the baby boom cohorts within a demographic and developmental context: Conceptual and methodological Issues. In S. K. Whitbourne & S. L. Willis (Eds.), *The baby boomers grow up: Contemporary perspectives on midlife*. Mahwah NJ: Erlbaum.
- Hofer, S. M.**, & Sliwinski, M. J. (2006). Design and analysis of longitudinal studies of aging. In J. E. Birren & K. W. Schaie (Eds.), *Handbook of the psychology of aging* (6th Edition; pp. 15-37). San Diego: Academic Press.
- Shanahan, M. J., **Hofer, S. M.**, & Shanahan, L. (2003). Biological models of behavior and the life course. In J. T. Mortimer & M. J. Shanahan (Eds.), *Handbook of the life course* (pp. 597-622). New York: Plenum.
- Hofer, S. M.**, & Eber, H. W. (2002). Second-order factor structure of the Cattell Sixteen Personality Factor Questionnaire. In B. De Raad & M. Perugini (Eds.), *Big five assessment* (pp. 397-409). Göttingen, Germany: Hogrefe & Huber.
- Shanahan, M. J., **Hofer, S. M.**, & Miech, R. A. (2002). Planful competence, the life course, and aging: Retrospect and prospect. In S. H. Zarit, L. I. Pearlin, & K. W. Schaie (Eds.), *Personal control in social and life contexts* (pp. 189-211). New York: Springer.
- McClearn, G. E., Vogler, G. M., & **Hofer, S. M.** (2001). Gene-gene and gene-environment interactions. In E. J. Masoro & S. N. Austad (Eds.), *Handbook of the biology of aging* (5th Edition; pp. 423-444). San Diego: Academic Press.
- Schaie, K. W., & **Hofer, S. M.** (2001). Longitudinal studies in aging research. In J. E. Birren & K. W. Schaie (Eds.), *Handbook of the psychology of aging* (5th Edition; pp. 53-77). San Diego: Academic Press.
- Graham, J. W., & **Hofer, S. M.** (2000). Multiple imputation with NORM in a structural equation modeling context. In T. D. Little, K. U. Schnabel, & J. Baumert, J. (Eds.), *Modeling longitudinal and multilevel data: Practical issues, applied approaches, and specific examples* (pp. 201-218). Hillsdale, NJ: Erlbaum.
- Hofer, S. M.** (1999). Assessing personality structure using factorial invariance procedures. In I. Mervielde, I. Deary, F. De Fruyt, & F. Ostendorf (Eds.), *Personality psychology in Europe* (pp. 35-49), Vol. 7. The Netherlands: Tilburg University Press.
- Graham, J. W., **Hofer, S. M.**, Donaldson, S. I., MacKinnon, D. P., & Schafer, J. L. (1997). Analysis with missing data in prevention research. In K. J. Bryant, M. W. Windle, & S. J. West (Eds.), *The science of prevention: Methodological advances from alcohol and substance abuse research* (pp. 325-366). Washington, DC: American Psychological Association.
- Graham, J. W., **Hofer, S. M.**, & Piccinin, A. M. (1994). Analyses with missing data in drug abuse prevention research. In L. M. Collins & L. A. Seitz (Eds.), *Drug abuse prevention intervention research: Methodological issues* (pp. 13-63). National Institute on Drug Abuse Research Monograph Series. Washington, DC: NIDA.
- Horn, J. L., & **Hofer, S. M.** (1992). Major abilities and development in the adult period. In R. J. Sternberg & C. A. Berg (Eds.), *Intellectual development* (pp. 44-99). New York: Cambridge University Press.

Unpublished Manuscripts and Computer Software

- Graham, J. W. & **Hofer, S. M.** (1993). *EMCOV* [Computer program and manual]. Los Angeles: Authors.
- Horn, J. L. & **Hofer, S. M.** (1993). *Continuation to the doctorate degree and the predictive validity of GRE assessments at the University of Southern California* (88 pp.). Los Angeles: The Graduate School, USC.
- Becker, R. & **Hofer, S. M.** (1991). *Computerized Selective Attention Task (CSAT)* [Computer program and manual]. Los Angeles: Authors.
- Hofer, S. M.** (1994). On the structure of personality and the relationship of personality to the development of fluid and crystallized intelligence in adulthood (Doctoral dissertation, University of Southern California, Los Angeles, 1994). *Dissertation Abstracts International*, 55, 3625B.

Manuscripts Submitted for Publication

- Brown, C. L., Robitaille, A., Zelinski, E. M., Dixon, R. A., **Hofer, S. M.**, & Piccinin, A. M. A coordinated analysis of the mediating role of vascular health, physical activity, cognitive activity, and depressive symptoms in the association between social activity and cognitive function.
- Rast, P., & Hofer, S. M. The association between short-term variability and long-term change. *Handbook of Intraindividual Variability across the Lifespan*.
- Rast, P., Rush, J., Piccinin, A. M., & **Hofer, S. M.** 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*.
- Robitaille, A., Muniz, G., Lindwall, M., Piccinin, A. M., Hoffman, L., Johansson, & **Hofer, S. M.** Physical activity and cognitive functioning among older adults: Within- and between-person cognitive activity and psychosocial mediators. *Journal of Gerontology: Psychological Sciences*.
- Rush, J., & **Hofer, S. M.** Design-based approaches for improving measurement in developmental science. *Developmental Methods: SRCD Monograph*.

Papers Presented at Professional Meetings

- Hofer, S. M.** (November, 2013). Do repeated exposures confound the estimation of individual change? (Discussant) In A. Gross (Chair), *Novel research designs and innovative methods for analysis of retest effects in cognitive aging*. Paper symposium presented at the 66th annual scientific meeting of the Gerontological Society of America, New Orleans, LA.
- Hofer, S. M.** (November, 2013). *Improving long-term longitudinal designs: Realizing semi-continuous follow-up of a population*. (Discussant). In G. Muniz (Chair), Change-point models in cognitive aging: Overview, applications, limitations and future directions. Paper symposium presented at the 66th annual scientific meeting of the Gerontological Society of America, New Orleans, LA.
- Kelly, A.D., Shafonsky, E., Hayashi, A., Votova, K., Hall, C., Piccinin, A.M., & **Hofer, S.M.** (November, 2013). *Short-term within-person variability in patient-reported health outcomes and associations with quality of life*. Poster presented at the 66th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
- Muniz-Terrera, G., Piccinin, A.M., & **Hofer, S.M.** (November, 2013). *Overview of change point models in cognitive ageing research*. In G. Muniz (Chair), Change-point models in cognitive aging: Overview, applications, limitations and future directions. Paper symposium presented at the 66th annual scientific meeting of the Gerontological Society of America, New Orleans, LA.
- Rast, P., Muniz, G., Piccinin, A.M., & **Hofer, S.M.**, (November, 2013). *Novel research designs and methods for analysis of retest effects in cognitive aging*. In G. Muniz (Chair), Change-point models in cognitive aging: Overview, applications, limitations and future directions. Paper symposium presented at the 66th annual scientific meeting of the Gerontological Society of America, New Orleans, LA.
- Robitaille, A., Piccinin, A.M., Muniz, G., Hoffman, L., Johansson, B., Deeg, D.J., Aartsen, M.J., Comijs, H.C., & **Hofer, S.M.**, (November, 2013). *Longitudinal mediation of processing speed on age-related change in memory and fluid intelligence*. Poster presented at the 66th Annual Scientific Meeting of the Gerontological Society of America, New Orleans, LA.
- Hofer, S. M.** (October, 2013). *On the robustness of results from longitudinal observational studies: Integrative data analysis and designs for optimizing detection of within-person change*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, St. Pete Beach, FL.
- Rush, J., Rast, P., & **Hofer, S. M.** (October, 2013). *Power to detect within- and between-person effects: A comparison of multilevel SEM and unit-weighted scale scores*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, St. Pete Beach, FL.
- Shafonsky, E., **Hofer, S. M.**, Hayashi, A., Votova, K., Hall, C., Piccinin, A. M., Weber, J., & Kelly, A. (September, 2013). *Continuous prospective assessment of health and well-being in aging Canadians using novel electronic portal methodologies*. Paper presented at UBC Family Medicine Research Conference, Vancouver, BC.
- Hofer, S. M.** (August, 2013). *Integrative data analysis of longitudinal studies*. Symposium conducted at the annual Joint Statistical Meeting, Montreal, QC.
- Hofer, S. M.**, & Rast, P. (October, 2012). *Substantial power to detect variance and covariance among rates of change: Results based on actual longitudinal studies and related simulations*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Vancouver, BC.

- Brown, C.L., Piccinin, A.M., Gibbons, L.E., Robitaille, A., Kennison, R.F., Lindwall, M., Mitchell, M., Shirk, S.D., Atri, A., Benitez, A., MacDonald, S.W.S., Zelinski, E., Willis, S.L., Schaie, K.W., Johansson, B., Dixon, R.A., Mungas, D.M., Cimino, C.R., & **Hofer, S.M.** (October, 2012). *Social activity and maintaining cognitive abilities in aging: Evidence from up to 21 years of longitudinal data from three nations*. Poster presented at the 41th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Vancouver, BC.
- Piccinin, A.M., Kennison, R.F., Lindwall, M., Mitchell, M., Cimino, C.R., Benitez, A., Brown, C.L., Gibbons, L.E., MacDonald, S.W.S., Robitaille, A., Shirk, S.D., Atri, A., Zelinski, E., Willis, S.L., Schaie, K.W., Johansson, B., Dixon, R.A., Mungas, D.M., & **Hofer, S.M.** (October, 2012). *Coordinated analysis of cross-sectional and longitudinal associations between physical and cognitive activity and cognition*. Paper presented at the 41th Annual Scientific and Educational Meeting of the Canadian Association on Gerontology, Vancouver, BC.
- Robitaille, A., Muniz, G., Lindwall, M., Piccinin, A.M., Hoffman, L., Johansson, B., & **Hofer, S.M.** (October, 2012). Physical activity and cognitive functioning among older adults: Within- and between-person cognitive and psychosocial mediators. Poster session presented at the 41th Annual Scientific and Educational Meeting of the CAG, Vancouver, BC.
- Clouston, S., Kuh, D., Richards, M., & **Hofer, S.M.** (August, 2012). *The implications of educational benefits and propensity for educational attainment in health research*. Paper presented at the 2012 Annual Meeting of the American Sociological Association, Denver.
- Robitaille, A., Muniz, G., Piccinin, A.M., Johansson, B., & **Hofer, S.M.** (February, 2012). *Multivariate longitudinal modeling of cognitive change: Relationship between processing speed and visuospatial ability*. Poster session submitted to the 2012 SRCD Themed Meeting: Developmental Methodology. Tampa, Florida.
- Clouston, S., Richards, M., Kuh, D., & **Hofer, S.M.** (November, 2011). *Selection and causation: The Educational benefit to cognition in later life*. In S. M. Hofer & D. Kuh (Chairs), The life course determinants of physical, cognitive, and emotional functioning. Symposium conducted at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.
- Muniz, G., Piccinin, A.M., Johansson, B., Matthews, F. & **Hofer, S. M.** (November, 2011). *Do all individuals experience a change in age-related cognitive decline?* In A.M. Piccinin & G. Muniz (Chairs), Advances in Understanding Cognitive Aging: Longitudinal Research on Change, Variation, and Plasticity. Symposium conducted at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.
- Robitaille, A., Muniz, G., Piccinin, A.M., **Hofer, S.M.** (November, 2011). *Does Processing Speed Account for Aging-related Change in other Cognitive Functions?* In A.M. Piccinin & G. Muniz (Chairs), Advances in Understanding Cognitive Aging: Longitudinal Research on Change, Variation, and Plasticity. Symposium conducted at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.
- Sparks, C., Piccinin, A. M., Johansson, B., & **Hofer, S.M.** (November, 2011). *The impact of health on change in cognitive functioning*. In S. M. Hofer & D. Kuh (Chairs), The life course determinants of physical, cognitive, and emotional functioning. Symposium conducted at the 64th Annual Scientific Meeting of the Gerontological Society of America, Boston, MA.

- Hofer, S. M.**, & Clouston, S. (2011, October). *Educational benefits in adult cognition: International evidence from three birth cohort studies*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Norman, OK.
- Robitaille, A., Muniz, G., Piccinin, A.M., **Hofer, S.M.** (2011, October). *Multivariate longitudinal modeling of cognitive change: Relationship between processing speed and other cognitive outcomes*. 40th Annual Scientific and Educational Meeting of the CAG & 4th Pan American Congress of the IAGG, Ottawa, ON.
- Clouston, S., Kuh, D., Richards, M., Deary, I. J., Cooper, R., Hardy, R., & **Hofer, S. M.** (August, 2011). *Inequalities in life course cognition: Class reproduction, cognitive selection, and educational advantage in HALCyon cohorts*. Paper presented at the 2011 Annual Meeting of the American Sociological Association, Las Vegas.
- Hofer, S. M., Bontempo, D. E., Preacher, K., Boker, S., & Neale, M. (2011, August). Evaluating factorial invariance across continuous sampling dimensions in a single-group analysis. Paper symposium conducted at the annual meeting of the American Psychological Association, Washington, DC.
- Wray, L., Alwin, D. F., **Hofer, S. M.**, Zeisser, K. L., Chu, C-J. (2011, April). *The role of diabetes in cognitive decline in middle-aged and older Americans*. Paper presented at the annual meeting of the Society of Behavioral Medicine, Washington, DC.
- Wray, L., Alwin, D. F., **Hofer, S. M.**, Zeisser, K. L., Chu, C-J. (2010, November). *Diabetes and cognitive change in midlife and older adulthood*. Poster presented at the annual meeting of the Gerontological Society of America, New Orleans.
- Hofer, S. M.**, Sparks, C. A., & MacDonald, S. W. S. (2010, October). *Too stressed to think? An undergraduate course on multivariate design, data collection and analysis*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Atlanta.
- Wray, L., Alwin, D. F., **Hofer, S. M.**, Zeisser, K. L., Chu, C-J. (2010, August). *Diabetes and cognition in midlife and older adulthood*. Paper presented at the annual meeting of the American Sociological Association, Atlanta.
- Hofer, S. M.** (2010, May). Research synthesis of longitudinal studies on aging (Discussant). In V. Thorvaldsson & L. Hassing (Chairs), *Determinants of functional outcomes in old age: Reports from Nordic longitudinal studies*. Paper symposium conducted at the annual meeting of the Nordic Congress of Gerontology, Reykjavik, Iceland.
- Hofer, S. M.** & Piccinin, A. M. (2010, May). *Integrative Analysis of Longitudinal Studies of Aging (IALSA) Research Network: Research synthesis through coordination of measurement and analysis protocol*. Poster presented at the annual meeting of the Nordic Congress of Gerontology, Reykjavik, Iceland.
- Hofer, S. M.** & Piccinin, A. M. (2010, May). Meta-analysis, pooled data, and coordinated analysis approaches: Integrative Analysis of Longitudinal Studies of Aging. In S. M. Hofer (Chair), *Advances in Longitudinal Data Analysis*. Paper symposium conducted at the annual meeting of the Association for Psychological Science, Boston.
- Sparks, C., **Hofer, S. M.**, Piccinin, A. M., Alwin, D., & Wray, L., (2010, April). *Relationships between level, change, and variation in cognitive function and depressive symptoms within spousal dyads*. Paper presented at the annual Cognitive Aging Conference, Atlanta, GA.

- Hofer, S. M.**, Piccinin, A. M., Bontempo, D. E., Sparks, C., & Hoffman, L. (2009, November). Integrative Analysis of Longitudinal Studies of Aging (IALSA): Patterns of between-person age differences and within-person changes in cognitive capabilities with age. In S. M. Hofer (Chair), *Coordinated and pooled data analyses of longitudinal studies of aging: Aging and dementia-related change in cognition, affect, and physical functioning*. Paper symposium conducted at the annual meeting of the Gerontological Society of America, Atlanta.
- Comijs, H. Van Den Kommer, T. N., Bontempo, D. E., **Hofer, S. M.**, Dik, M., Piccinin, A. M., Deeg, D. J., & Johansson, B. (2009, November). Classification models for early identification of persons at risk for dementia, a replication study. In S. M. Hofer (Chair), *Coordinated and pooled data analyses of longitudinal studies of aging: Aging and dementia-related change in cognition, affect, and physical functioning*. Paper symposium conducted at the annual meeting of the Gerontological Society of America, Atlanta.
- Sparks, C., Bontempo, D. E., Piccinin, A. M., Spiro, A., & **Hofer, S. M.** (2009, November). *Conceptualizing and operationalizing health in longitudinal research on aging*. Poster presented at the annual meeting of the Gerontological Society of America, Atlanta.
- Bontempo, D. E., Piccinin, A. M., Sparks, C., & **Hofer, S. M.** (2009, October). *Health, health trajectories, and "healthy" aging: Issues in the conceptualization and operationalization of health and healthy aging*. Paper presented at the conference on Cognition, Health and Aging, Pennsylvania State University, University Park, PA.
- Bontempo, D. E., **Hofer, S. M.** & Piccinin, A. M. (2009, August). Factorial invariance and scale comparison across studies when measures differ. In S. M. Hofer and K. Grimm (Chairs), *Evaluating and optimizing measurement comparison across longitudinal studies*. Paper symposium conducted at the annual meeting of the American Psychological Association, Toronto.
- Gray, K.M., Tonge, B., **Hofer, S. M.**, Piccinin, A., Mackinnon, A., Bontempo, D., Einfeld, S., & Parmenter, T. (2008, November). *The longitudinal relationship between behaviour and emotional disturbance in young people with intellectual disability and parental mental health*. Paper presented at the 43rd conference of the Australian Society for the Study of Intellectual Disability (ASSID), Melbourne, Australia.
- Ross, L. A., Anstey, K., **Hofer, S. M.**, & Butterworth, P. (2008, December). *Harmonizing data across nine studies: An example of depression from the DYNOPTA study*. Paper presented at the Australian Society for Psychiatric Research, Newcastle, Australia.
- Hoffman, L., & **Hofer, S. M.** (2008, November). *Distinguishing the effects of age, cohort, and retest*. Poster presented at the annual Gerontological Society of America Conference, Baltimore, MD.
- Hoffman, L., **Hofer, S. M.**, Johansson, B. (2008, November). *Individual differences in cognitive decline in persons with and without dementia*. Poster presented at the annual Gerontological Society of America Conference, Baltimore, MD.
- Mogel, J., Sliwinski, M. J., **Hofer, S. M.**, & Piccinin, A. M. (2008, November). *Feasibility of internet-based measures for intensive measurement designs with older adults*. Paper presented at the annual meeting of the Gerontological Association of America, Baltimore.
- Newsom, J.T., **Hofer, S. M.**, & Luhr, G.A., (2008, November). *The importance of longitudinal measurement invariance in aging research*. Paper presented at the annual meeting of the Gerontological Association of America, Baltimore.

- Hofer, S. M.**, Mogle, J., Sliwinski, M. J., & Piccinin, A. M. (2008, September). *An investigation of the feasibility of intensive measurement designs using internet-base measures of cognition in older adults*. Paper presented at the annual meeting of the Society of Multivariate Experimental Psychology, Montreal.
- Hofer, S. M.** & Piccinin, A. M. (2008, August). Optimizing analysis and synthesis of longitudinal studies: Collaborative and pooled data approaches. In S. M. Hofer (Chair), *Integrative Analysis of Longitudinal Studies: Measurement and Analysis Issues for Evidence Synthesis*. Paper symposium conducted at the annual meeting of the American Psychological Association, Boston.
- Bontempo, D. E., Piccinin, A. M., & **Hofer, S. M.** (2008, August). Issues and approaches for comparing constructs across longitudinal study results when exact measures may differ. In S. M. Hofer (Chair), *Integrative Analysis of Longitudinal Studies: Measurement and Analysis Issues for Evidence Synthesis*. Paper symposium conducted at the annual meeting of the American Psychological Association, Boston.
- Hofer, S. M.** & Piccinin, A. M. (2008, July). Integrative analysis of longitudinal studies on aging: A coordinated analysis process for cross-validating and extending results on aging-related change. In S. M. Hofer and A. M. Piccinin (Chairs), *Integrative Analysis of Longitudinal Studies on Aging (IALSA)*. Paper symposium conducted at the International Congress of Psychology, Berlin.
- Hofer, S. M.**, Sliwinski, M. J., & Hoffman, L. (2007, October). *Applying a double negative-exponential model to separate short-term practice gains from long-term cognitive decline*. Society for Multivariate Experimental Research, Chapel Hill, NC.
- Hofer, S. M.** (2007, November). *Approaches for the early identification of abnormal within-person change*. Paper symposium convened at the annual Gerontological Society of America Conference, San Francisco, CA.
- Hofer, S. M.** (2007, February). *Identifying processes of within-person change: Design and analysis issues*. In D. Howieson (Chair), *Approaches to Defining when Dementia Begins*. Paper symposium conducted at the annual International Neurological Society, Portland, Oregon.
- Hofer, S. M.**, & Piccinin, A. M. (2006, November). *Research network for the integrative analysis of longitudinal studies on aging (IALSA): Overview of central aims and approach*. In S. M. Hofer & A. M. Piccinin (Chairs), *Integrative Analysis of Longitudinal Studies on Aging: Accounting for Health in Aging-Related Processes*. Paper symposium conducted at the annual Gerontological Society of America Conference, Dallas, TX.
- Piccinin, A. M., **Hofer, S. M.**, Anstey, K. J., Deary, I. J., Deeg, D. J. H., Johansson, B., Mackinnon, A. J., Spiro, A., & Thorvaldsson, V. (2006, November). *Cross-national IALSA coordinated analysis of age, sex, and education effects on change in MMSE scores*. In S. M. Hofer & A. M. Piccinin (Chairs), *Integrative Analysis of Longitudinal Studies on Aging: Accounting for Health in Aging-Related Processes*. Paper symposium conducted at the annual Gerontological Society of America Conference, Dallas, TX.
- Hofer, S. M.** (2006, November). *Conditional inference to populations defined by age and survival: treating mortality-selection as a distinct population process*. In N. Ram, D. Gerstorf, & J. R. Nesselroade (Chairs), *Innovative Methods for Describing Developmental Change*. Paper symposium conducted at the annual Gerontological Society of America Conference, Dallas, TX.

- Sliwinski, M. J., **Hofer, S. M.**, & Hoffman, L. (2006, November). *Applying a double negative-exponential model to separate short-term practice gains from long-term cognitive decline*. In N. Ram, D. Gerstorf, & J. R. Nesselrode (Chairs), Innovative Methods for Describing Developmental Change. Paper symposium conducted at the annual Gerontological Society of America Conference, Dallas, TX.
- Fauth, E. B., Hoffman, L., **Hofer, S. M.**, Piccinin, A. M., & Johansson, B. (2006, November). *Age-related changes in physical and cognitive functioning*. In D. F. Alwin & S. M. Hofer (Chairs), Antecedents and Consequences of Cognitive Aging. Paper symposium conducted at the annual Gerontological Society of America Conference, Dallas, TX.
- Hofer, S. M.**, & Piccinin, A. M. (2006, October). *Integrative Analysis of Longitudinal Studies on Aging (IALSA): A coordinated research protocol for data harmonization and analysis*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Lawrence, KS.
- Hofer, S. M.** (2006, July). *Correlated and Coupled Within-Person Change in Psychopathology*. Paper presented in S. M. Hofer and B. Tonge (Chairs) Symposium on Change in Psychopathology from Childhood to Adulthood: The Australian Child to Adult Development (ACAD) Study, International Society for the Study of Behavioral Development Meeting, Melbourne, Australia.
- Hofer, S. M.**, & Piccinin, A. M. (2006, July). *Integrative analysis of longitudinal studies on aging (IALSA)*. Poster presented at the International Society for the Study of Behavioral Development Meeting, Melbourne, Australia.
- Kliegel, M., Zeintl, M., & **Hofer, S. M.** (2006, July). *The role of working memory in the realization of delayed intentions across old age*. Paper presented at the European Working Memory Symposium, Genoa, Italy.
- Kolanowski, A., Hoffman, L., & **Hofer, S. M.** (2006, April). *Concordance of self report and informant assessment of emotional well-being in nursing home residents with dementia*. Paper presented at the 18th Annual Scientific Sessions of the Eastern Nursing Research Society, Cherry Hill, New Jersey.
- Hoffman, L., **Hofer, S. M.**, Sliwinski, M. J., & Piccinin, A. M. (2006, April). *Examining short-term and long-term cognitive change in aging individuals*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Hofer, S. M.**, & Piccinin, A. M. (2006, April). *Integrative analysis of longitudinal studies on aging (IALSA)*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Hofer, S. M.**, & Zimprich, D. (2006, April). *Between-person differentiation and de-differentiation as evidence for correlated longitudinal change*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Kliegel, M., Zeintl, M., & **Hofer, S. M.** (2006, April). *The role of processing resources in prospective and retrospective memory within old age*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Thorvaldsson, V., **Hofer, S. M.**, Berg, S. & Johansson, B. (2006, April). Estimating the effects of repeated test exposure by a design-based sampling approach. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Sliwinski, M. J., Stawski, R., & **Hofer, S. M.** (2006, April). Decomposing aging and practice effects in cognitive performance. Paper presented at the Cognitive Aging Conference, Atlanta, GA.
- Zimprich, D., & **Hofer, S. M.** (2006, April). *Effects of mean trends on cross-sectional covariances: an extension based on the polynomial longitudinal model*. Paper presented at the Cognitive Aging Conference, Atlanta, GA.

- Hofer, S. M.**, Hoffman, L., Piccinin, A. M., & Johansson, B. (2005, November). *Correlated and coupled cognitive change: Results from the octogenarian twin study of aging*. Paper presented at the annual Gerontological Society of America Meeting, Orlando, FL.
- Hoffman, L., **Hofer, S. M.**, Piccinin, A. M., & Johansson, B. (2005, November). *Differential change in cognitive functioning relating to age, dementia progression, and time-to-death: Results from the Octogenarian Twin Study of Aging*. (2005, November). Paper presented at the annual Gerontological Society of America Meeting, Orlando, FL.
- Hofer, S. M.**, Hoffman, L., Sliwinski, M. J., & Piccinin, A. M. (2005, October). *Short and long-term cognitive change in aging individuals*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Lake Tahoe, CA.
- Hofer, S. M.** (2005, August). *Multivariate analysis of linear change*. In S. M. Hofer & E. Zelinski (Chairs) Invited Symposium on Alternative Approaches for Multivariate Analysis of Change at the annual American Psychological Association Conference, Washington, DC.
- Hofer, S. M.**, Sliwinski, M. J., & Smyth, J. (2005, August). Covariability among stress, affect, and cognition: Timing is everything. In A. Spiro and P. Vitaliano (Chairs) Invited Symposium on Examining Interrelations Among Cognition, Personality, and Health in Aging at the annual American Psychological Association Conference, Washington, DC.
- Zeintl, M., Kliegel, M., Zimprich, D., Martin, M., & **Hofer, S. M.** (2005, July). *The role of processing resources in prospective and retrospective memory within old age*. Paper presented at the second International Conference on Prospective Memory, Zurich, Switzerland.
- Hofer, S. M.** (2004, November). *Organizer, Symposium on Cognition, Health, and Aging: Evidence from Longitudinal Studies on Aging*. Symposium convened at the annual Gerontological Society of America Meeting, Washington, DC.
- Hofer, S. M.**, Hoffman, L., Sliwinski, M. J., & Piccinin, A. M. (2004, October). *Evidence for common and task-specific retest gains in a measurement-burst design*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Fort Myers, FL.
- Shanahan, M. J., & **Hofer, S. M.** (2004, August). *Social context in gene-environment interactions: Retrospect and prospect*. Paper presented at the American Sociological Association, San Francisco.
- Whitfield, K.E., Allaire, J.C., White, K., **Hofer, S. M.**, & Guy, B.S. (2004, August). *Factor structure of fluid and crystallized abilities among African Americans*. Poster presented at the 2004 conference of the American Psychological Association in Honolulu, HI.
- Hofer, S. M.**, Sliwinski, M. J., Piccinin, A. M., & Hoffman, L. R. (2004, April). *Correlated retest effects in a measurement-burst design*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Sliwinski, M. J., & **Hofer, S. M.** (2004, April). *Detecting change and modeling practice effects in a longitudinal burst design*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Sliwinski, M. J., **Hofer, S. M.**, & Smyth, J. (2004, April). *Within-person and between-person effects of daily stress on working memory*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Bontempo, D. E., **Hofer, S. M.**, Piccinin, A. M., & Rabbitt, P. M. A. (2003, November). *Testing dedifferentiation hypotheses across age and ability groups*. Paper presented at the annual Gerontological Society of America Meeting, San Diego.

- Braungart, E. R., Dariotis, J., K., **Hofer, S. M.**, Piccinin, A. M., & Rabbitt, P. M. A. (2003, November). *Associations among facets of lifestyle and cognitive functioning in later adulthood*. Paper presented at the annual Gerontological Society of America Meeting, San Diego.
- Hofer, S. M.**, Harel, O., & Schafer, J. L. (2003, November). *Analysis of longitudinal data with attrition and mortality*. In P. Ghisletta and S. M. Hofer (Chairs), *Modern methods for cognitive aging phenomenon*. Paper symposium conducted at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.
- Kolanowski, A. M., Algase, D., Beck, C., **Hofer, S. M.**, The NDP Group, & Whall, A. (2003, November). *Nursing home residents' personality style of interest*. Paper presented at the annual Gerontological Society of America Meeting, San Diego.
- Sliwinski, M. J., & **Hofer, S. M.** (2003, November). *Modeling intraindividual cognitive variability from a measurement-burst design*. In P. Ghisletta and S. M. Hofer (Chairs), *Modern methods for cognitive aging phenomenon*. Paper symposium conducted at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.
- Hofer, S. M.** (2003, September). *Change in cognitive capabilities in the oldest-old: The effects of proximity to death in genetically-related individuals over a six-year period*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Keystone, CO.
- Allaire, J. C., **Hofer, S. M.**, Lawrence, F., Caskie, G., & Willis, S. (2003, August). *An evaluation of factorial invariance of memory and reasoning factors in a cognitive intervention trial*. Paper to be presented at the annual meeting of the American Psychological Association, Toronto.
- Braungart, E. R., Zarit, S. H., **Hofer, S. M.**, & Femia, E. E. (2003, August). *Understanding short-term trajectories of behavioral and psychological symptoms of dementia*. Paper to be presented at the annual meeting of the American Psychological Association, Toronto.
- Sliwinski, M. J., **Hofer, S. M.**, & Smyth, J. (2003, May). *Modeling intraindividual cognitive variability: The role of age, stress, and affect*. Paper presented at the meeting of the American Psychological Society, Atlanta.
- Blair, C. & **Hofer, S. M.** (2003, April). *A twin study of early compensatory intervention: Environmental enrichment attenuates the size of within-pair similarity*. Paper presented at the annual meeting of the Society for Research on Child Development, Tampa, Florida.
- Harel, O., **Hofer, S. M.**, & Schafer, J. L. (2003, March). *Analysis of longitudinal data with missing values of two qualitatively different types*. Paper presented at the annual meeting of the International Biometric Society (Eastern North American Region), Tampa, Florida.
- Hofer, S. M.**, Johansson, B., Allaire, J. C., Berg, S., Pedersen, N., & McClearn, G. E. (2002, November). *Differential change within octogenarian twin pairs and effects on cross-sectional and longitudinal estimates of genetic and environmental influences*. Paper presented at the annual Gerontological Society of America Meeting, Boston.
- Hofer, S. M.** (2002, October). *Estimation of correlated rates of change with incomplete data*. Paper presented at the annual meeting of the Society for Multivariate Experimental Psychology, Charlottesville, Virginia.
- Hofer, S. M.**, Flaherty, B. P., & Sliwinski, M. J. (2002, August). *Associations due to mean trends in the analysis of cross-sectional, time-dependent data*. Paper presented at the annual meeting of the International Society for the Study of Behavioural Development, Ottawa, Canada.

- Metzler, J. N., Conroy, D. E., & **Hofer, S. M.** (2002, August). *Latent variable modeling of performance failure appraisal score stability*. Paper presented at the annual meeting of the American Psychological Association, Chicago.
- Metzler, J. N., Conroy, D. E., Elliot, A. J., & **Hofer, S. M.** (2002, June). *Structural and latent mean stability of achievement goals*. Paper presented at the annual meeting of the North American Society for the Psychology of Sport and Physical Activity, Baltimore, MD.
- Anstey, K., **Hofer, S. M.**, & Luszcz, M.A. (2002, April). *Sensory and cognitive change over 8 years in a population based sample of very old adults*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Grant, M. D., Hassing, L. B., **Hofer, S. M.**, Allaire, J. C., Johansson, B., Vogler, G. P., & McClearn, G. E. (2002, April). *The association of diabetic status with specific cognitive decline in an elderly Swedish population*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Hofer, S. M.**, Allaire, J.C., Sliwinski, M.J., Piccinin, A.M., Johansson, B., & McClearn, G.E. (2002, April). *An examination of the structure of cognitive change in the oldest-old: A multivariate growth curve approach*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Hofer, S. M.**, Sliwinski, M. J., & Flaherty, B. P. (2002, April). *Problems of sharing age-related variance and the limitations of partialling for age*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Mackinnon, A., Christensen, H., Korten, A., **Hofer, S. M.**, & Jorm, A. (2002, April). *A common cause for the common cause factor?* Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Sliwinski, M. J., **Hofer, S. M.**, & Hall, C. B. (2002, April). *Distinguishing between-person correlations from within-person coupling: A multilevel, multivariate analysis of cognitive change*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Leitsch, S. A. Zarit, S. H., **Hofer, S. M.**, & Berg, S. (2001, November). *Perceived control and functional health in the lives of the oldest-old*. Poster presented at the annual meeting of the Gerontological Society of America Conference, Chicago.
- Hofer, S. M.**, & Stallings, M. C. (2001, November). *Age-based factorial invariance and heritability of the Eysenck Personality Questionnaire in later adulthood*. Poster presented at the annual meeting of the Gerontological Society of America Conference, Chicago.
- Stallings, M. C., Heiman, N., **Hofer, S. M.**, & Hewitt, J. K. (2001, November). *Investigating the genetic and environmental structure of personality in older adulthood*. Poster presented at the annual meeting of the Gerontological Society of America Conference, Chicago.
- Wilson, G. F., Zarit, S. H., Femia, E. E., **Hofer, S. M.**, & Johansson, B. (2001, November). *The oldest-old: Mastery as a mediator in the relationship between vision impairment and depression*. Poster presented at the annual meeting of the Gerontological Society of America Conference, Chicago.
- Hofer, S. M.**, Johansson, B., Berg, S., Pedersen, N., & McClearn, G. E. (2001, July). *Changes in cognitive functioning in oldest-old twins: The Octo-Twin Study*. Paper presented at the International Society for the Study of Individual Differences, Edinburgh.
- Flaherty, B. P., **Hofer, S. M.**, Sliwinski, M. J., & Piccinin, A. M. (2000, November). *Use of measurement bursts in models of change*. In S. M. Hofer (Chair), Optimal design issues for gerontological research. Paper symposium conducted at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.

- Hofer, S. M.**, & Flaherty, B. P. (2000, November). *Narrow age-cohort analysis of cross-sectional data*. In S. M. Hofer (Chair), Optimal design issues for gerontological research. Paper symposium conducted at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.
- Johansson, B., **Hofer, S. M.**, Maldonado, M. M., Berg, S., Pedersen, N. L., & McClearn, G. E. (2000, November). *Memory and cognitive functioning in oldest-old twins: Longitudinal data from the Swedish Octo-Twin Study*. Poster presented at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.
- Sliwinski, M. J., **Hofer, S. M.**, Hall, C., Buschke, H., & Lipton, R. (2000, November). *Explaining cognitive loss in aging adults: A new look at attrition and disease*. In S. M. Hofer (Chair), Optimal design issues for gerontological research. Paper symposium conducted at the annual meeting of the Gerontological Society of America Conference, Washington, D.C.
- Stallings, M. C., Hewitt, J. K., **Hofer, S. M.**, Heath, A. C., Eaves, L. J. (2000, June). *Joint multivariate genetic analysis of personality dimensions from the TPQ, EPQ, and KSP*. Paper presented at the annual meeting of the Behavior Genetics Association, Burlington, VT.
- Christensen, H., Korten, A. E., MacKinnon, A. J., Jorm, A. F., & **Hofer, S. M.** (2000, April). *Changes in sensory disability, reaction time, grip, and strength as determinants of changes in memory and cognition in a community sample*. Paper presented at the biennial Cognitive Aging Conference, Atlanta.
- Hofer, S. M.**, Berg, S., & Era, P. (2000, April). *Evidence for independent aging effects on perceptual acuity, balance, and cognitive capabilities: The NORA study*. Poster presented at the biennial Cognitive Aging Conference, Atlanta.
- Sliwinski, M. J., **Hofer, S. M.**, Buschke, H., & Lipton, R. (2000, April). *The dimensionality of cognitive decline in older adults: Results from the longitudinal Einstein Aging Studies*. Poster presented at the biennial Cognitive Aging Conference, Atlanta.
- Berg, S., & **Hofer, S. M.** (1999, August). *Physical functioning and aging: Genetic and environmental sources of variation*. Paper presented at the 5th International Conference on Physical Activity and Sports for Healthy Aging, Orlando, FL.
- Hofer, S. M.**, & Johansson, B. (1999, November). *Aspects of personality in the oldest-old*. Paper presented at the annual meeting of the Gerontological Society of America, San Francisco, CA.
- Stallings, M. C., Hewitt, J. K., **Hofer, S. M.**, Heath, A., & Eaves, L. J. (1999, June). *Exploring the genetic and environmental structure of the Tridimensional Personality Questionnaire*. Paper presented at the 29th Annual Meeting of the Behavioral Genetics Association, Victoria, British Columbia, Canada.
- Hofer, S. M.**, Berg, S., & Era, P. (1998, November). *Evidence for independent aging effects on perceptual acuity, balance, and cognitive capabilities: The NORA study*. Paper presented at the annual meeting of the Gerontological Society of America, Philadelphia, PA.
- Berg, S., Era, P., & **Hofer, S. M.** (1998, August). *Independent aging effects on sensory functioning and cognitive capabilities: Results from the NORA study*. Paper presented at the First European Congress of Biogerontology, Elsinore, Denmark.
- Hofer, S. M.**, Berg, S., Johansson, B., & McClearn, G. E. (1998, June). *Stability and change in cognitive functioning in late adulthood*. Paper presented at the 28th Annual Meeting of the Behavioral Genetics Association, Stockholm, Sweden.

- Hofer, S. M.** & McClearn, G. E. (1997, October). *Gender differences in heritability of alcohol use in octogenarian and nonagenarian twins*. *American Journal of Medical Genetics*, 74, 574. Paper presented at the 5th World Congress on Psychiatric Genetics, Santa Fe, NM.
- Hofer, S. M.** (1997, August). *Assessing change over time: Minimizing problems associated with missing data and attrition*. In K. W. Schaie (Chair), *Advances in Longitudinal Research Methodology*. Paper symposium conducted at the meeting of the 1997 World Congress of Gerontology, Adelaide, Australia.
- Hofer, S. M.**, McClearn, G. E., Berg, S., Johansson, B., & Plomin, R. (1997, July). *Hereditry and the perceptual-cognitive link: Evidence from the OCTO-Twin study*. Poster presented at the 27th Annual Meeting of the Behavior Genetics Association, Toronto, Canada.
- Austin, E. J., **Hofer, S. M.**, & Deary, I. J. (1997, July). *Normal and abnormal personality: Interactions with intelligence*. In I. J. Deary (Chair), *Personality and intelligence*. Symposium conducted at the meeting of the 5th European Congress of Psychology, Dublin, Ireland.
- Vogler, G. P., Tang, W., Nelson, T. L., **Hofer, S. M.**, Grant, J. D., Tarantino, L. M., & Fernandez, J. R. (1997, March). *A multivariate model for the analysis of sib-ship covariance structure using marker information and multiple quantitative traits*. Paper presented at the meeting of the 10th Genetics Analysis Workshop, Pajaro Dunes, CA.
- Hofer, S. M.**, Piccinin, A. M. & Rabbitt, P. M. A. (1996, August). *Factorial stability and dedifferentiation of cognitive abilities in later adulthood: Evidence from the Newcastle Longitudinal Study of Cognitive Aging*. In U. Lindenberger and C. Hertzog (Chairs), *Cognitive development across the lifespan*. Poster symposium conducted at the meeting of the International Society for the Study of Behavioural Development, Quebec City, Canada.
- Piccinin, A. M., **Hofer, S. M.** & Rabbitt, P. M. A. (1996, August). *The Manchester and Newcastle Longitudinal Studies of Cognitive Aging: Interindividual differences in intraindividual change*. In U. Lindenberger and C. Hertzog (Chairs), *Cognitive development across the lifespan*. Poster symposium conducted at the meeting of the International Society for the Study of Behavioral Development, Quebec City, Canada.
- Hofer, S. M.** (1996, July). *A Robust Five-Factor Structure of the 16PF: Evidence from Independent Rotation and Confirmatory Factorial Invariance Procedures*. Paper presented at the 8th European Conference of Personality, Ghent, Belgium.
- Hofer, S. M.**, Piccinin, A. M., Spiegelhalter, D. J., & Rabbitt, P. M. A. (1996, June). *Modeling cognitive change in the Newcastle Longitudinal Study of Cognitive Aging under conditions of nonrandom attrition*. Paper presented at the annual meeting of the Psychometric Society, Banff, Canada.
- Hofer, S. M.**, Piccinin, A. M., Spiegelhalter, D. J., & Rabbitt, P. M. A. (1996, April). *Correcting the effects of nonrandom attrition in the Manchester and Newcastle Longitudinal Studies of Cognitive Aging*. Poster presented at the biennial Cognitive Aging Conference, Atlanta.
- Graham, J. W., **Hofer, S. M.**, & Schafer, J. L. (1995, October). *Missing data analysis in applied multivariate psychology*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Spokane, WA.
- Hofer, S. M.**, Piccinin, A. M., & Rabbitt, P. M. A. (1995, August). *Reconciling age-related differences from age-related changes in cognitive functioning*. Paper presented at the meeting of the European Congress of Gerontology, Amsterdam.

- Hofer, S. M.** (1995, July). *Measurement invariance of broad personality factors in samples of police applicants and felons*. In S. M. Hofer (Chair), *Invariance in Measurement and in Models of Behavioral Relationships*. Paper symposium conducted at the meeting of the European Congress of Psychology, Athens, Greece.
- Piccinin, A. M., **Hofer, S. M.**, & Rabbitt, P. M. A. (1995, July). *On the changing nature of the letter-letter coding task: Combining measurement and model invariance*. In S. M. Hofer (Chair), *Invariance in Measurement and in Models of Behavioral Relationships*. Paper symposium conducted at the meeting of the European Congress of Psychology, Athens, Greece.
- Hofer, S. M.**, Osman, P., Rabbitt, P. M. A. (1995, April). *Are older people just slow or disinhibited?* Paper presented at the meeting of the Experimental Psychological Society, Cambridge, England.
- Eber, H. W., McArdle, J. J., & **Hofer, S. M.** (1995, October). *Some big (five, six, ...) models tested across several large 16PF data sets*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Spokane, WA.
- Hofer, S. M.**, Rabbitt, P. M. A., Bent, N., & Watson, P. (1994, December). *Dedifferentiation of cognitive abilities: effects of age and level of cognitive functioning*. Paper presented at the meeting of the British Psychological Society, London, England.
- Hofer, S. M.**, Eber, H. W., & Horn, J. L. (1994, October). *Invariance of the 16PF big-five and g in large samples: Cop aspirants and felon fait accompli*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Princeton, NJ.
- Hofer, S. M.** & Graham, J. W. (1994, April). *Optimal research designs with planned missing data: Use of maximum likelihood methods for parameter estimation*. Poster presented at the biennial Cognitive Aging Conference, Atlanta, GA.
- Stallings, M. C. & **Hofer, S. M.** (1992, November). *An empirical demonstration of different methods for handling missing data in survey research*. Poster presented at the meeting of the Gerontological Society of America, Washington, DC.
- Trickett, P. K., Stallings, M. C., **Hofer, S. M.**, & Horn, J. L. (1992, November). *Rebelliousness in late adolescence and parent-child relationships across the life span*. Poster presented at the meeting of the Gerontological Society of America, Washington, DC.
- Graham, J. W., **Hofer, S. M.** (1992, October). *Testing interactions with missing data: An application of the EM algorithm*. Paper presented at the meeting of the Society for Multivariate Experimental Psychology, Cape Cod, MA.
- Trickett, P. K., **Hofer, S. M.**, Stallings, M. C., & Horn, J. L. (1992, July). *Rejection of the parental generation by adolescents and young adults: Precursors, correlates and consequences*. Poster presented at the 25th International Congress of Psychology Conference, Brussels, Belgium.
- Hofer, S. M.**, Graham, J. W., & MacKinnon, D. P. (1992, June). *Use of the EM algorithm with data obtained with missing value patterns*. Poster presented at the meeting of the American Psychological Society, San Diego, CA.
- Hofer, S. M.** (1991, May). *Structural analysis of the Mattis Dementia Rating Scale*. Poster presented at the meeting of the Western Psychological Association, San Francisco, CA.

Invited Presentations and Colloquia

- Shafonsky, E., & **Hofer, S. M.** (2013, June). *Some days are better than others: Monitoring daily variability in patient-reported outcomes and engaging patients in their health care*. Presentation at Senior Grand Rounds, Vancouver Island Health Authority, Victoria, BC.

- Hofer, S. M.** (2013, May). *Framing the challenge of practice/retest effects in cognitive aging research*. Paper presented at the Methods for Longitudinal Dementia Research (MELODEM) meeting, Paris.
- Hofer, S. M.** (2013, May). *Time scales in studies of cognitive aging*. Paper presented at the Methods for Longitudinal Dementia Research (MELODEM) meeting, Paris.
- Hofer, S. M.** (2013, April). *Advancing lifespan research: Embedding intensive measurement designs in longitudinal studies of aging and health*. Invited paper presented at the Beijing Normal University, Beijing.
- Hofer, S. M.** (2013, April). *Effects of physical, cognitive, and social activity on cognitive functioning in later life*. Keynote paper presented at the Sino-US Forum on Psychology of Aging, Beijing.
- Hofer, S. M.** (2013, March). *Frequent within-person assessments for the prospective and early detection of change in cognitive functioning: Advancing clinical research on Alzheimer's Disease and dementia*. Invited paper presented at the Big Data PechaKucha, University of Victoria.
- Hofer, S. M.** (2012, January). *Integrative Analysis of Longitudinal Studies of Aging (IALSA): Challenges and requirements for quantitative harmonization*. Keynote paper presented at the Cohort & Longitudinal Studies Enhancement Resources (CLOSER) Knowledge Exchange Workshop on "Challenges for data harmonization, The Wellcome Trust, London, UK.
- Hofer, S. M.** (2012, January). *Coordinated analysis of cross-sectional and longitudinal associations between physical, cognitive, and social activity and cognitive functioning in later life*. Keynote paper presented at the Cohort & Longitudinal Studies Enhancement Resources symposium on "Functioning well in later life: What is the evidence from longitudinal studies, University College London, UK.
- Hofer, S. M.** (2012, November). *Advancing research on life course epidemiology: Embedding intensive measurement designs in longitudinal research*. Paper presented at the Department of Epidemiology, Cardiff University, UK.
- Hofer, S. M.** (2012, October). *Advancing research on lifespan development and aging: Embedding intensive measurement designs in longitudinal research*. Paper presented at the Department of Psychology, University of Ulm, Germany.
- Hofer, S. M.** (2012, October). *Advancing research on lifespan development and aging: Embedding intensive measurement designs in longitudinal research*. Paper presented at the Department of Psychology, Bremen University, Germany.
- Hofer, S. M.** (2012, September). *Advancing research on development and aging: Embedding intensive measurement designs in longitudinal research*. Paper presented at the Department of Psychology, Concordia University.
- Hofer, S. M.** (2012, September). *Burst Designs*. Workshop presented at the Department of Psychology, Concordia University.
- Hofer, S. M.** (2012, September). *Advancing life course epidemiology in ageing research: The potential of measurement intensive designs*. Keynote address presented at the pre-meeting of the Society for Social Medicine conference, A life course approach to healthy ageing. London, England.
- Piccinin, A. M., Muniz, G., Deary, I., Deeg, D., Johansson, B., MacKinnon, A. Reynolds, C.A., Spiro, A. III, Starr, J. M., Thorvaldsson, V. & **Hofer, S. M.** (2011, June). *Integrative analysis of MMSE across IALSA Affiliated Studies*. Paper presented at the 2nd Annual IALSA/HALCyon Methods Conference. Sussex, England.

- Robitaille, A., Muniz, G., Piccinin, A. M., **Hofer, S. M.** (June, 2011). Does processing speed account for aging-related change in other cognitive functions? An evaluation of between-person and within-person effects across IALSA studies. Paper presented at the 2nd Annual IALSA/HALCyon Methods Conference. Sussex, England.
- Hofer, S. M.** (2011, May). *Coordination of measurement and analysis protocol: Integrative Analysis of Longitudinal Studies of Aging (IALSA)*. Paper presented at the APS workshop on Integrative Data Analysis: Conceptual Issues and Applied Examples, Association for Psychological Science, Washington, DC.
- Hofer, S. M.** (2011, May). *Cognitive aging from an integrative lifespan perspective*. Paper presented at the Austrian Academy of Sciences Symposium on Ageing Societies – Mature People, Vienna.
- Hofer, S. M., & Piccinin, A. M.** (2011, May). *Integrative data analysis (IDA): Longitudinal studies of aging*. Paper presented at NIA-sponsored Meeting on Harmonization of Methods and Measurement in Longitudinal Studies, University of Southern California.
- Hofer, S. M.** (2011, March). *Integrative data analysis (IDA): Longitudinal studies*. Paper presented at the Canadian Data Harmonization Initiative Roundtable, Ottawa.
- Muniz, G. M., Robitaille, A., Piccinin, A. M., **Hofer, S. M.** (2011, February). Latent growth models: Applications to test theories of cognitive decline. Paper presented to the Medical Section of the Royal Statistical Society, London, UK.
- Sparks, C. & **Hofer, S. M.** (2011, February). *The impact of health on aging-related cognitive change*. Paper presented Social Dimensions of Health colloquium series, University of Victoria.
- Hofer, S. M., & Piccinin, A. M.** (2011, January). *A coordinated analysis approach for the replication of longitudinal research*. Paper presented at EMGO Institute for Health and Care Research, Vrije University, Amsterdam.
- Hofer, S. M., & Piccinin, A. M.** (2010, December). A coordinated analysis approach for the replication of longitudinal research. Invited paper presented at the preconference on *Integrative Data Analysis of Longitudinal Studies on Aging* at the annual meeting of the Canadian Association of Gerontology, Montreal.
- Hofer, S.M.** (2010, August). *Joint modeling of longitudinal multivariate outcomes*. Paper presented at the Advanced Psychometric Conference, Friday Harbor, WA.
- Piccinin, A.M. & **Hofer, S.M.** (2010, August). *A coordinated analysis approach for the replication of longitudinal research*. Paper presented at the Advanced Psychometric Conference, Friday Harbor, WA.
- Hofer, S. M.** (2010, April). *Integrative Analysis of Longitudinal Studies of Aging (IALSA) Research Network*. Paper presented at the annual meeting of the Public Population Project in Genomics (P3G), Montreal.
- Hofer, S. M.** (2009, November). *Healthy and successful aging: What do we know from longitudinal studies?* Paper presented at the International Day of the Older Person Lecture Series, Centre on Aging, University of Victoria.
- Hofer, S. M., Piccinin, A. M., Sliwinski, M. J., & Mogle, J.** (2009, February). *Evaluation of a web-based cognitive assessment battery in a community setting*. Paper presented at the Oregon Roybal Center on Aging and Technology, OHSU, Portland.
- Piccinin, A. M., **Hofer, S. M., Mogle, J., & Sliwinski, M. J.** (2008, November). *An investigation of the feasibility of intensive measurement designs using internet-base measures of cognition in older adults*. Paper presented to Clinical Drug Research, Ltd, Goring-on-Thames, UK.
- Hofer, S. M.** (2008, July). *Designs for studies on aging*. Paper presented at the New Horizons Expert Workshop: Quality of Life in Old Age, sponsored by the Jacobs Foundation, July 22, Berlin, Germany.

- Hofer, S. M.,** Piccinin, A. M., & Bontempo, D. E. (2008, May). *Integrative Analysis of Longitudinal Studies on Aging (IALSA): Discussion of potential for co-calibration and pooled data analysis.* Paper presented at the Department of Psychology, University of California, Davis.
- Hofer, S. M.,** Piccinin, A. M., & Bontempo, D. E. (2008, May). *Integrative Analysis of Longitudinal Studies on Aging (IALSA): An International Network for Synthesizing and Extending Within-Person Research on Health and Aging.* Paper presented at the Clinical and Translational Science Center, University of California, Davis.
- Hofer, S. M.** & Piccinin, A. M. (2007, December). *The aging mind: Identifying processes of within-person change.* Paper presented at the Mary's Woods Retirement Community, Lake Oswego, Oregon.
- Hofer, S. M.** (2008, April). *Integrative Analysis of Longitudinal Studies on Aging (IALSA): A collaborative research network for cross-validating and extending results from longitudinal data.* Paper presented at the Department of Psychology, University of Victoria, Canada.
- Hofer, S. M.** (2008, April). *Recent developments in understanding cognitive aging.* Paper presented at the Department of Psychology and Center on Aging, University of Victoria, Canada.
- Piccinin, A. M., & **Hofer, S. M.,** (2007, November). Reproducible research and archiving the scientific process: What is necessary for evaluating, cross-validating, and extending results from longitudinal studies? Paper presented at College of Health and Human Sciences "At the Core" colloquium series, Oregon State University.
- Hofer, S. M.** (2007, March). *Identifying when change begins: Change-point analysis, data requirements, and related issues.* Paper presented in the "At the Core" meeting of the Methodology Core, College of Health and Human Sciences, Oregon State University.
- Hofer, S. M.** (2006, July). *Multivariate Analysis of Change: Concepts, Analysis, and Applications.* Paper presented at the Australian Government Department of Families, Community Services and Indigenous Affairs (FaCSIA), Canberra, Australia.
- Hofer, S. M.** (2006, February). *Understanding lifelong adaptation and prevention: Integrating longitudinal evidence.* Paper presented at a research meeting of the Volkswagen Foundation, Hannover, Germany.
- Hofer, S. M.** (2005, October). *Methodological considerations and approaches for examining aging-related changes.* Paper presented at the Case Western Reserve Geriatric Education Center, Case Western Reserve University and Metro-Health Medical Center.
- Hofer, S. M.** (2005, October). *Strategies for understanding age and aging.* Paper presented at the Program for Aging-Cancer Research Symposium on "Advancing Psychosocial and Health Services Research on Aging and Cancer", Case Comprehensive Cancer Center, Case Western Reserve University.
- Hofer, S. M.,** & Piccinin, A. M. (2005, October). *Understanding aging: Characteristics of longitudinal studies, levels of analysis, and latent growth curve modeling approaches.* Paper presented at the Gerontology Center Colloquium Series, The Pennsylvania State University, University Park.
- Hofer, S. M.,** Piccinin, A. M., and Members of the ACAD Research Group (2005, June). *The course of psychopathology in children and adolescents with mental retardation: The Australian Child to Adult Development (ACAD) study.* Paper presented at Grand Rounds, Department of Child and Adolescent Psychiatry, University of Zürich.
- Hofer, S. M.** & Piccinin, A. M. (2005, June). *Integrative analysis of longitudinal studies on aging (IALSA): Interactions among aging, health, and cognition.* Paper presented at the Department of Psychology, University of Zürich.

- Hofer, S. M.** (2004, April). *Variations in longitudinal designs and implications for developmental and aging theories*. Overview to Plenary Session on Longitudinal Studies, Cognitive Aging Conference, Atlanta.
- Hofer, S. M.** (2004, February). *Evidence from longitudinal studies and implications for developmental theories*. Paper presented at the Gerontology Center Colloquium Series, The Pennsylvania State University, University Park.
- Hofer, S. M.** (2003, September). *Challenges and approaches for the study of individual-level change*. Paper presented at the Dynamic Processes in Aging conference, Canberra, Australia.
- Hofer, S. M.** (2003, February). *Longitudinal cognitive aging research: Overview and future directions*. Invited paper given at the Department of Psychology, Bucknell University, Pennsylvania.
- Hofer, S. M.** & Sliwinski, M. J. (2002, February). *Optimal measurement designs for longitudinal aging research*. Invited paper given at the “Workshop on methods examining variability in lifespan aging research”, Department of Adult Development, German Centre on Ageing (DZFA), University of Heidelberg, Germany.
- Sliwinski, M. J., & **Hofer, S. M.** (2002, February). *Using measurement bursts to improve measurement of cognitive change*. Invited paper given at the “Workshop on methods examining variability in lifespan aging research”, Department of Adult Development, German Centre on Ageing (DZFA), University of Heidelberg, Germany.
- Hofer, S. M.** (2002, November). *Evaluating genetic and environment interactions: An individual developmental perspective*. Invited paper given at the “Genes and Human Behavior: Conceptual Issues” conference, Dalhousie University, Halifax, Nova Scotia.
- Hofer, S. M.** (2002, September). *Optimal designs for cognitive aging research*. Invited paper given at the “Determinants of Cognitive Ageing Workshop”, National Consortium on Ageing Research, University of Warwick, United Kingdom.
- Hofer, S. M.** (2002, September). *A consideration of longitudinal designs for cognitive aging research*. Invited paper given at the University of Gothenberg, Sweden.
- Hofer, S. M.** (2001, December). *Change in cognitive functioning associated with apoE genotype in a community sample of older adults*. Invited presentation given at the Department of Mental Hygiene, Bloomberg School of Public Health, Johns Hopkins University.
- Hofer, S. M.** (2001, September). *Longitudinal studies of aging: Past, present, and future*. Paper presented at the Gerontology Center Colloquium Series, The Pennsylvania State University, University Park.
- Hofer, S. M.** (2001, April). *Change in cognitive functioning associated with apoE genotype in a community sample of older adults*. Paper presented at the Gerontology Center Colloquium Series, The Pennsylvania State University, University Park.
- Hofer, S. M.** (2000, December). *Mechanisms underlying dedifferentiation in old age*. Paper presented at the Department of Psychology, Syracuse University, Syracuse, NY.
- Shanahan, M. J., **Hofer, S. M.**, & Miech, R. A. (2000, October 9-10). *Agency, socioeconomic status, and adulthood in life course perspective*. Paper presented at the Pennsylvania State Gerontology Center Conference on “Societal Impacts on Personal Control in the Elderly”, University Park, PA.
- Hofer, S. M.** (2000, September). *Cross-sectional analysis of time-dependent variables: Problems of mean-induced association in age-heterogeneous samples and an alternative method based on sequential age-homogeneous samples*. Paper presented at the Department of Psychology, University of Virginia, Charlottesville, VA.

- Hofer, S. M.** (1999, June). *Predicting cognitive change in adulthood*. Paper presented at the Centre for Mental Health Research, Australian National University, Canberra, Australia.
- Hofer, S. M.** (1998, March). *Behavioral and biological markers of aging*. Paper presented at the Department of Psychology, Wesleyan University, Middletown, CT.
- Hofer, S. M.** (1997, August). *Best methods for treatment of missing data in longitudinal research*. Paper presented at the Department of Psychology, University of Sydney, Australia.
- Hofer, S. M.** (1996, June). *Models of cognitive change in later adulthood*. Paper presented at the Department of Psychology, University of Calgary, Alberta, Canada.
- Hofer, S. M.** & Spiegelhalter, D. J. (1996, March). *Application of "BUGS" to the problem of nonrandom attrition in the Manchester and Newcastle Longitudinal Studies of Cognitive Aging*. Paper presented at the Economic and Social Research Council (ESRC) Analysis of Large and Complex Datasets Conference, Southampton, England.
- Spiegelhalter, D. J., Brayne, C. E. G., Best, N. G., **Hofer, S. M.**, & Piccinin, A. M. (1996, February). *Modeling cognitive decline in the elderly: An MCMC approach*. Paper presented at the meeting of the Royal Statistical Society, London, England.
- Hofer, S. M.**, Piccinin, A. M., & Rabbitt, P. M. A. (1995, September). *Reconciling cross-sectional and longitudinal results of age-related changes in cognitive functioning*. Paper presented at the Economic and Social Research Council Seminar Series on Life Span Changes in Memory, Bristol, England.

Postdoctoral Supervision

- 2010-2014 Philippe Rast (Ph.D., 2008, University of Zurich). Postdoctoral Fellowship funded by Swiss National Science Foundation and NIH Grant AG026453.
- 2010-2013 Sean Clouston (Ph.D., 2010, McGill University). Postdoctoral Fellowship funded by Canadian Institutes of Health Research.
- 2010-2012 Annie Robitaille (Ph.D., 2010, University of Ottawa). Postdoctoral Fellowship funded by NIH Grant AG026453, PI: S. M. Hofer.
- 2010-2011 Tina L. Huang (Ph.D., 2001, University of Rochester). Postdoctoral Fellowship funded by NIH Grant AG026453, PI: S. M. Hofer.
- 2010-2011 Valgeir Thorvaldsson (Ph.D., 2009, University of Gothenburg). Postdoctoral Fellowship funded by Research Council of Sweden.
- 2008 Graciela Muniz (Ph.D., 2007, University of Cambridge, MRC Biostatistics Unit). Postdoctoral Fellowship funded by the Wellcome Trust, UK.
- 2008 Yasar Kuzucu (Ph.D., 2006, University of Ankara, Turkey). Postdoctoral Fellowship funded by the Scientific and Technological Research Council of Turkey.
- 2004-2006 Lesa Hoffman (Ph.D., 2004, University of Kansas). Currently Associate Professor, Department of Psychology, University of Nebraska, Lincoln.
- 2001-2003 Jason Allaire (Ph.D., 2001, Wayne State University). Currently Associate Professor, North Carolina State University.

Advisor, Masters/Doctoral Committees

- 2013- Amanda Kelly, Department of Psychology, University of Victoria
- 2013- Tina Quade, Department of Psychology, University of Victoria
- 2011- Jonathan Rush, Department of Psychology, University of Victoria.
- 2008-2012 Catharine Sparks, Department of Psychology, University of Victoria.
- 2002-2005 Claire Kamp-Dush (Ph.D., 2005, Human Development and Family Studies, PSU). Currently Associate Professor, Department of Human Development and Family Science, The Ohio State University.
- 2002-2006 Daniel E. Bontempo (Ph.D., 2006, Human Development and Family Studies, PSU). Currently Co-Director, Advanced Techniques and Technology Core, Center for Biobehavioral Neurosciences of Communication Disorders, University of Kansas.

Supervisor, Honours Students

- 2012-2013 Andrew Faunt, Department of Psychology, University of Victoria.
- 2011-2012 Amanda Kelly, Department of Psychology, University of Victoria

Membership on Doctoral Degree Committees

- 2013- Paul Brewster, Psychology, UVic
Advisor: Stuart MacDonald
- 2013- Nozomi Franco-Cea, Human and Social Development, UVic
Advisor: Gordon Barnes
- 2012- Justin Karr, Psychology, UVic
Advisor: Mauricio Garcia-Barrera
- 2010-2011 Anna Braslavsky, Psychology, UVic
Advisor: Stuart MacDonald, Ph.D. & Holly Tuokko, Ph.D.
- 2007-2009 Xiaoyu Bi, Human Development and Family Sciences, OSU
Advisor: Carolyn Aldwin, Ph.D.

2007-2009	Sungrok Kang, Human Development and Family Sciences, OSU Advisor: Carolyn Aldwin, Ph.D.
2007-2009	Soyoung Lee, Human Development and Family Sciences, OSU Advisor: Carolyn Aldwin, Ph.D.
2007-2009	Noriko Toyokawa, Human Development and Family Sciences, OSU Advisor: Alexis Walker, Ph.D.
2005-2006	Jacob Felson, Sociology, PSU Advisor: Duane F. Alwin, Ph.D.
2004-2006	Chris Morse, Speech Communication, PSU Advisor: Walid Affifi, Ph.D.
2003-2007	Jon Metzler, Kinesiology, PSU Advisor: David Conroy, Ph.D.
2003-2005	Amy Roth, Human Development and Family Studies, PSU Advisor: Steve Zarit, Ph.D.
2003-2005	Jacob Sosnoff, Kinesiology, PSU Advisor: Karl Newell, Ph.D.
2002-2003	Tina Chen, Psychology, PSU Advisor: James L. Farr, Ph.D.
2002-2004	Michael Grant, Biobehavioral Health, PSU Advisor: Gerald E. McClearn, Ph.D.
2002-2003	Ofer Harel, Statistics, PSU Advisor: Joseph L. Schafer, Ph.D.
2002-2005	Mildred M. Maldonado, Human Development and Family Studies, PSU Advisor: Linda Collins, Ph.D.
2002-2003	Elizabeth A. Shirtcliff, Biobehavioral Health, PSU Advisor: Douglas A. Granger, Ph.D.
2002-2004	Andrew Revell, Human Development and Family Studies, PSU Advisor: Warner Schaie, Ph.D.
2001-2006	Doreen Barringer, Speech Communication, PSU Advisor: Jon Nussbaum, Ph.D.
2001-2005	Elizabeth Braungart, Human Development and Family Studies, PSU Advisor: Stephen Zarit, Ph.D.
2001-2005	Jacinda Dariotis, Development and Family Studies, PSU Advisors: Alan Booth, Ph.D.; Edward Smith, Ph.D.
2001-2003	Lori Francis, Development and Family Studies, PSU Advisor: Leann Birch, Ph.D.
2001-2002	Kimberly Henry, Biobehavioral Health, PSU Advisor: Judith Vicary, Ph.D.
2000-2001	Jane Saczynski, Human Development and Family Studies, PSU Advisor: Sherry Willis, Ph.D.
1998-2000	Sara Leitsch, Human Development and Family Studies, PSU Advisor: Stephen Zarit, Ph.D.

Membership on Comprehensive and Candidacy Committees

Paul Brewster	Psychology, UVic	2013
Nozomi Franco-Cea	Human and Social Development, UVic	2013
Anna Braslavsky	Psychology, UVic	2010
Kang Sung Rok	Human Development and Family Sciences, OSU	2007
Jacob Felson	Sociology, PSU	2006
Nicole Freeman	Human Development and Family Studies, PSU	2005

		Hofer, Scott M.
Alexander Schwall	Psychology, PSU	2005
Daniel Bontempo	Human Development and Family Studies, PSU	2004
Nancy Dreschel	Biobehavioral Health, PSU	2004
Elizabeth Braungart	Human Development and Family Studies, PSU	2003
Aryn Dotterer	Human Development and Family Studies, PSU	2003
Jon Metzler	Kinesiology, PSU	2003
Chris Morse	Communication Arts and Sciences, PSU	2003
Tammy Root	Human Development and Family Studies, PSU	2003
Jacob Sosnoff	Kinesiology, PSU	2003
Tina Chen	Psychology, PSU	2002
Jacinda Dariotis	Human Development and Family Studies, PSU	2002
Michael Grant	Biobehavioral Health, PSU	2002
Kwon Hyuck-Hoon	Adult Education, PSU	2002
Claire Kamp-Dush	Human Development and Family Studies, PSU	2002
Mildred Maldonado	Human Development and Family Studies, PSU	2002
Andrew Revell	Human Development and Family Studies, PSU	2002
Amy Roth	Human Development and Family Studies, PSU	2002
Zhiqun Tang	Human Development and Family Studies, PSU	2002
Sebrina A. Wiggins	Biobehavioral Health, PSU	2002
Faika A. Zanjani	Human Development and Family Studies, PSU	2002
Jacinda Dariotis	Human Development and Family Studies, PSU	2001
Lori Francis	Human Development and Family Studies, PSU	2001
Kimberly Henry	Biobehavioral Health, PSU	2001
Beverly Hmel	Psychology, PSU	2001
Doreen Barringer	Communication Arts and Sciences, PSU	2000
Erik Porfeli	Human Development and Family Studies, PSU	2000
Peeter Tammeveski	Human Development and Family Studies, PSU	2000
Jane Saczynski	Human Development and Family Studies, PSU	1999