December 6, 2023

Curriculum Vitae

Brent J. Small, Ph.D.

Office Address: School of Nursing
University of North Carolina at Chapel Hill
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Education

1992-1995 Ph.D., Psychology with emphasis in Life-Span Development and Aging, Department of Psychology, University of Victoria, Victoria BC Canada. (Supervisor: Dr. David F. Hultsch; Dissertation title: The influence of physical health and occupational complexity on cognitive performance in adulthood)

1988-1992 M.A., Psychology with emphasis in Life-Span Development and Aging, Department of Psychology, University of Victoria, Victoria BC Canada. (Supervisor: Dr. David F. Hultsch; Thesis title: Adult age differences in word fragment completion as a function of presentation context)

1984-1988 B.Sc., Major in Psychology and Biology, University of Toronto, Toronto Ontario Canada

Academic Positions

2023 – present Professor, School of Nursing, University of North Carolina at Chapel Hill, Chapel Hill, NC

2023 – present Full Member, Cancer Outcomes Research Program, Lineberger Comprehensive Cancer Center, Chapel Hill, NC

2008 – 2023 Professor, School of Aging Studies, University of South Florida, Tampa, Florida.

2008 – 2023 Senior Member, Health Outcome and Behavior Program and Biostatistics Resource Core, H. Lee Moffitt Cancer Center and Research Institute at the University of South Florida, Tampa, Florida.

Ad hoc reviewer, The Netherlands Organization for Health Research and Development, August, 2015
Ad hoc member, National Institute on Aging-Social and Behavioral Sciences review panel (NIA-S), February, 2015.
Ad hoc reviewer, Dutch Cancer Society, October, 2014.
Ad hoc member, National Institute on Aging-Social and Behavioral Sciences review panel (NIA-S), October, 2014.
Ad hoc reviewer, National Institute on Aging – Plasticity and Mechanisms of Cognitive Remediation in Older Adults (ZAG1 ZIJ-5 (A2), July, 2014
Chair, National Institute on Aging-Social and Behavioral Sciences review panel (NIA-S), 2012 to 2014.
Ad hoc reviewer, Johns Hopkins University Claude D. Pepper Older Americans Independence Center internal grants program. May, 2014.
Ad hoc member, National Institute on Aging-GEMSSTAR review panel, January, 2014.

Ad hoc reviewer, Alzheimer's Research UK, May, 2013.
Ad hoc reviewer, Swiss National Science Foundation, January, 2013.
Ad hoc member, National Institute on Aging-Neuroscience review panel (NIA-N), March, 2012.
Member, National Institute on Aging-Social and Behavioral Sciences review panel (NIA-S), 2006 to 2012.
Chair, National Institute on Aging Special Emphasis Panel, ZAG1 ZIJ-1, 2011
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Member, Development of a Mindfulness-Based Treatment for the Reduction of Alcohol Use and Smoking Cessation (PI: Christine. Vinci, PhD). 2018-2021.
Member, Utilizing Health Information Technology to Improve Health Care Quality: Implementation of a Computerized Cognitive Behavioral Therapy Protocol for Childhood Anxiety (PI: Eric Storch, PhD), 2012 to 2018.

Other Professional Service

External Reviewer for Senior Researcher Position, Aging Research Centre, Karolinska Institute, August 2021.
External Reviewer for R01 proposal, College of Human Development and Family Studies, Colorado State University, May 2021.

Member, Research Committee, Center for HTat (c)-11 (e,)-3.8 [(P)-25.8 l(i)-16.2(al)-16.3i HTaaentvese

Associate Professor in the Department of Psychology at the Southern Illinois University-Edwardsville.

Dissertation Committee Member:

Ph.D. In Aging Studies, University of South Florida, Tampa, FL:

Christina Mu (in progress)

Jessica Allen (graduated August 2012), Wendy Anemaet (graduated May 2008), Michelle Arnold (PhD, graduated Summer 2018), Elizabeth Bergman, PhD (graduated August 2008), Alison Burton, PhD (graduated August 2005), Elizabeth Hahn, PhD (graduated August 2012), Kevin Hansen, PhD (graduated August 2015), Yuri Jang, PhD (graduated September 2001), Melissa Lunsman (graduated August 2010), Chivon Mingo (graduated August 2010), Elizabeth Perkins (graduated August 2009), Kathryn Petrossi, PhD (graduated August 2005), Mihaela Popa (graduated August 2007), Claire Robb, PhD (graduated May 2003), Nasreen Sadeq (graduated, 2019)

Department of Psychology, University of South Florida, Tampa, FL:

In progress: Haya Fatimah, Allie Choate, Roxanne Felig

Graduated: Emily Noyes, PhD, Emily Choquette, PhD, Madeline Palermo, PhD , Patrick Boyd, PhD, Melanie Bozzay, PhD, Kelly Hyland, PhD, Ashley Nelson, PhD, Christina Verzijl (in progress), Danielle Ung (PhD), Monica Wu (PhD), Julie Cessna (PhD), Elizabeth Fuller (PhD), Emily Kellogg (PhD), Idan Ariel (graduated May 2017), Yasmin Asvat (graduated August 2013), Rheanna Ata (graduated August 2015), Michael Boroughs (graduated May 2012), Patrick Boyd (graduated May 2017), Sari Chait, PhD (graduated August 2015),Douglas Cooper (graduated May 2012), Alex de Nadai (graduated May 2017), Brian Gonzalez (graduated May 2011), Bryan Heckman PhD (graduated August 2014), Sheri Jacobs, PhD (graduated August 2008), Ross Krawczyk (graduated May 2013), Morgan Lee, PhD (graduated May 2016), Joseph MacGuire (graduated August 2015), Lynn Oelke (graduated May 2015), Judy Reese, Ph.D. (graduated May 2001), Robert Selles, PhD (graduated August 2016), Jonathan Weaver, PhD (graduated August 2014)

College of Nursing, University of South Florida, Tampa, FL:

Sharon McNeil (graduated), Susan Baker, PhD (graduated August 2008), Abdel Alkhalouf (graduated December, 2012), Darcie Deaver, PhD (graduated December 2013), Juli Daniels, PhD (graduated May 2005), Nancy Frizell, Ph.D. (graduated May 2001), Keri Hockett, PhD (graduated August 2005), Mary Ann Morgan, PhD (graduated August 2008), Cheryl O'Donnell, PhD (graduated May 2003), Jennifer Rheingans (graduated December 2007), Henry Rivera (graduated August 2009), Debra Shelby, PhD (graduated May 2014), Susan Steele (graduated May 2008), Patti Thielemann, PhD (graduated May 2001), Sara Tinsley, PhD (graduated August 2015), Susan Wise, PhD (graduated May 2005)

College of Public Health, University of South Florida, Tampa, FL

Teri Trede (Department of Community and Family Health, graduated August 2006)

Department of Educational Psychology, University of Alberta, Edmonton, Alberta, Canada

Karen M. Cochrane (graduated August 2009)

Department of Clinical Neuroscience and Family Medicine, Division of Geriatric Medicine, Karolinska Institute, Stockholm, Sweden:

Beata Lipinska Terzis, Ph.D. (graduated May 1997), Maria Larsson, Ph.D. (graduated May 1997)

Master's Committee Member:

Department of Psychology, University of South Florida, Tampa, FL

Alexandria Choate (graduated), Rose Miller (graduated), Casey Calhoun (graduated May 2012), Kenneth Michniewicz (graduated May 2011), Jennifer Park (graduated December 2011), Kelly Hyland (graduated Fall 2017)

Outside Chairperson:

Dana Cherri, Department of Communication Sciences and Disorders, University of South Florida, October 2022
Brittany Lang, Department of Psychology, University of South Florida, May 2020
Wendy Olson, Department of Communication Sciences and Disorders, University of South Florida, May 2019
Andrea Raneiri, Department of Psychology, University of South Florida, April 2019
Alaina Talboy, Department of Psychology, University of South Florida, March 2019
Andrea Lowe, Department of Medical Engineering, College of Engineering, University of South Florida, March, 2018
Seol-Hee Kim, College of Medicine, University of South Florida, March, 2017
Cathy Bykowski, Department of Psychology, University of South Florida, May, 2016
Kenneth Michniewicz, Department of Psychology, University of South Florida, March, 2015
Elizabeth Hunt, Department of Psychology, University of South Florida, October, 2014
Steffanie Sperry, Department of Psychology, University of South Florida, November, 2011
Susan Himes, Department of Psychology, University of South Florida, April, 2009
Marilyn Moore, Department of Geography, University of South Florida, November, 2008.
Tovah Hanover, Department of Psychology, University of South Florida, May, 2008
Kelli Taylor, Department of Psychology, University of South Florida, April, 2008
Guy Kafri, Department of Psychology, University of South Florida, March, 2008

Chair, College of Arts and Sciences Tenure and Promotion Committee (2006-2007)
Member, College of Arts and Sciences Tenure and Promotion Committee (2005-2006)
Member, Research Committee, Center for Hospice, Palliative Care, and End-of-Life Studies, University of South Florida (2004 to present)
Member, Student Grievance Committee, College of Arts and Sciences (2005)
Member, Search Committee for Dean of the College of Arts and Sciences, University of South Florida (2004).
Chair, University of South Florida, Division of Research Compliance, Scientific Research Misconduct Investigative Review Panel (2003)

Community Service

Board member, Hospice of the Florida Suncoast Research Institute, Largo, Florida (1999 to 2002)

Grant Support (Active, alphabetical by PI)

R01 AG064769 (Crowe, PI) 09/01/19-04/30/24
NIH/NIA
Aging in Puerto Rico: Longitudinal follow-up of the PREHCO study
This project will gather two additional waves of data for the first and only population-based study of older adults in Puerto Rico, extending follow-up to between 16 and 20 years. The findings can serve to identify and target areas of greatest need to maintain health and quality of life among older Puerto Ricans without overextending government resources, which are most likely to continue to be limited. I serve as statistical consultant for the longitudinal data analysis.
Role: Consultant

R01NR018762 (Figueiredo/Jim, MPI) 05/28/20-03/31/25
NIH/NCI
Novel biomarkers for cancer-related fatigue: Integrating metabolomics, genomics and behaviors
The project will examine factors associated with cancer-related fatigue among persons with colorectal cancer. The project will identify factors that predispose, precipitate and perpetuate cancer-related fatigue in this clinical population.
Role: Co-I (PI of the subcontract)

W81XWH2010126 (Gonzalez, PI) 04/01/20 - 03/31/23
Department of Defense
Identifying Disparities in Symptom Burden and Their Risk Factors in African American Prostate Cancer Survivors
The goal of this project is to identify disparities in patient-reported outcomes between African American, Hispanic, and white prostate cancer survivors and identify risk factors for these disparities
Role: Co-I

R01 CA242742 (Gonzalez, PI) 04/01/2020 - 03/31/2025
NIH/NCI

Identifying and Reducing Disparities in Patient-Reported Outcomes Among Diverse Prostate Cancer Survivors
Project Goals: To identify disparities in urinary dysfunction, sexual dysfunction, hormonal dysfunction, and sleep disturbance among African American prostate cancer survivors.
Role: Co-Investigator

R01AG068193 (Mandelblatt, PI) 08/01/20-04/30/24
NIH/NIA
Cognitive aging, Alzheimer's disease, and cancer-related cognitive decline
This project will examine whether risk factors associated with Alzheimer's disease are related to changes in cognitive performance among women who were diagnosed and treated for breast cancer.
Role: Co-I

R01MH128676 (Pereira/Lazaro-Munoz/Storch, MPI) 09/2021-08/2025
NIH/NIMH $79,550 (USF Subcontract)
Polygenic Risk Scores in Child and Adolescent Psychiatry: Ethical, Clinical, and Legal Implications
Major Goals: This project will examine the perceived utility of polygenic risk scores among children and adolescents with psychiatric conditions.
Role: Co-I

R01CA244328 (Jim/Locke/Small, MPI) 07/2022-06/2027
NIH/NCI $1,140,209
Neurocognitive and Patient-Reported Outcomes after Chimeric Antigen Receptor T-Cell Therapy: A Controlled Comparison
Major Goals: The goal of the study is to better understand changes in PROs and cognition in 204 adult CAR T-cell therapy recipients compared to 102 non-cancer controls frequency-matched on age, sex, and education. Patients will be assessed at pre-CART baseline and 3 and 12 months later to capture early survivorship; controls will be assessed at similar times. Specific Aims: Aim 1: To examine baseline differences and longitudinal changes in patient-reported outcomes and cognition in CAR T-cell therapy recipients and controls; Aim 2: To identify demographic, contextual, and clinical risk

Daily Cognitive Functioning Among Cancer Survivors
The objective of this project is to examine changes in cognitive performance among women treated for breast cancer. There are two aims in this project: (1) whether the cognitive performance that we assess in laboratory settings is an accurate representation of the kinds of daily cognitive challenges that cancer survivors experience, and (2) whether survivors have good and bad days in their daily cognitive performance and if we can predict this based on how fatigued, depressed, or stressed they are feeling that day.
Role: MPI
Percent Effort: .3 Calendar Months (2.5% of effort)

R21 AG045722 (Crowe) 09/15/2015 – 05/31/2017
NIH/NIA $196,277 (total direct costs)
Cognitive Aging in a Population-Based Sample of Older Adults in Puerto Rico
This will be the first study to examine risk factors for cognitive decline and cognitive

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MRSG-06-082-01CPPB (Donovan) 01/01/2006 – 12/31/2010
American Cancer Society $130,287 (annual direct costs)
Prospective Study of Sexual Health in Early Stage Cervical Cancer
The major goals of this project are to identify the longitudinal course and characteristics of sexual problems in women undergoing treatment for early stage cervical cancer and to develop an interdisciplinary intervention to address these problems. I am the statistical consultant on this grant
Role: Co-I

P50-AG025711 (Potter) 4/1/05-3/30/10
National Institute on Aging $1,207,661 (annual direct costs)
Florida Alzheimer's Disease Research
This grant funds an Alzheimer's Disease Research Center at the University of South Florida. I am a member of the Biostatistics/Data Core.
Role: Co-I

R01 CA-82822 (Jacobsen) 7/1/04-6/30/09 (no cost extension through 04/11)
National Cancer Institute $322,701 (annual direct costs)
Cognitive-Behavioral Aspects of Cancer-Related Fatigue
The major goal of this project is to identify the features, course, and contributing factors for fatigue in women receiving chemotherapy and/or radiotherapy for early stage breast cancer. I am the statistical consultant on this grant.
Role: Co-I

ACS 109019 RSGPB (Jacobsen) 7/1/05 – 6/30/09 (no cost t

pandemic: the experience of older breast cancer survivors. Breast Cancer Res Treat. 2021 Nov;190(2):287-293. doi: 10.1007/s10549-021-06362-w. Epub 2021 Sep 13. PMID: 34515905; PMCID: PMC8436022.

15. Gonzalez BD, Eisel SE, Bowles KE, Hoogland AI, James BW, Small BJ , Sharpe S, Hyland KA, Bulls HW, Christy SM, Mansfield J, Nelson, AM, Alla R, Maharaj K, Kennedy B, Lafranchise E, Williams NL, Jennewein S, Oswald LB, Postow MA, Dicker AP, Jim HSL. Meta-Analysis of Quality of Life in Cancer Patients Treated with Immune Checkpoint Inhibitors Journal of the National Cancer Institute. [In Press]. doi: 10.1093/jnci/djab171

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longitudinal, observational study. Psychooncology. 2020;29(7):1115-22. Epub 2020/04/24. doi:

42. Mandelblatt JS, Zhou X, Small BJ , Ahn J, Zhai W, Ahles T, Extermann M, Graham D, Jacobsen BrxtiacrSerrbsl

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53. *Arnold M, Small BJ , Hyer K,

72. Storch EA, McGuire JF, Schneider SC, Small BJ , Murphy TK, Wilhelm S, Geller DA. Sudden gains in cognitive behavioral therapy among children and adolescents with obsessive compulsive disorder. J Behav Ther Exp Psychiatry. 2019;64:92-8. Epub 2019/03/17. doi: 10.1016/j.jbtep.2019.03.003. PubMed PMID: 30877851; PMCID: PMC6520195.

73. Wood JJ, Kendall PC, Wood KS, Kerns CM, Seltzer M, Small BJ , Lewin AB, Storch EA. Cognitive Behavioral Treatments for Anxiety in Children With Autism Spectrum Disorder: A Randomized Clinical Trial. JAMA psychiatry. 2019. Epub 2019/11/23. doi: 10.1001/jamapsychiatry.2019.4160. PubMed PMID: 31755906.

74. *Wu MS, Geller DA, Schneider SC, Small BJ , Murphy TK, Wilhelm S, Storch EA. Comorbid Psychopathology and the Clinical Profile of Family Accommodation in Pediatric OCD. Child psychiatry and human development. 2019. Epub 2019/02/23. doi: 10.1007/s10578-019-00876-7. PubMed PMID: 30790098.

81. Nelson AM, Jim HSL, Small BJ , Nishihori T, Gonzalez BD, Cessna JM, Hyland KA, Rumble ME, Jacobsen PB. Sleep disruption among cancer patients following autologous hematopoietic cell transplantation. Bone Marrow Transplant. 2018;53(3):307-14. Epub 2017/12/23. doi: 10.1038/s41409-017-0022-3. PubMed PMID: 29269811; PMCID: PMC5851802.

82. Reblin M, Small BJ , Jim H, Weimer J, Sherwood P. Mediating burden and stress over time: Caregivers of patients with primary brain tumor. Psychooncology. 2018;27(2):607-12. Epub 2017/08/13. doi: 10.1002/pon.4527. PubMed PMID: 28801927.

83. *Tometich DB, Small BJ , Carroll JE, Zhai W, Luta G, Zhou X, Kobayashi LC, Ahles T, Saykin AJ, Clapp JD, Jim HSL, Jacobsen PB, Hurria A, Graham D, McDonald BC, Denduluri N, Extermann M, Isaacs C, Dilawari A, Root J, Rini C, Mandelblatt JS, Thinking, Living with Cancer S. Pretreatment Psychoneurological Symptoms and Their Association With Longitudinal Cognitive Function and Quality of Life in Older Breast Cancer Survivors. J Pain Symptom Manage. 2019;57(3):596-606. Epub 2018/11/26. doi: 10.1016/j.jpainsymman.2018.11.015. PubMed PMID: 30472317; PMCID: PMC6382533.

84. Wilhelm S, Berman N, Small BJ

90. Lee MS, Tyson DM, Gonzalez BD, Small BJ , Lechner SC, Antoni MH, Vinard A, Krause M, Meade C, Jacobsen PB. Anxiety and depression in Spanish-speaking Latina cancer patients prior to starting chemotherapy. Psychooncology. 2017. Epub 2017/05/31. doi: 10.1002/pon.4462. PubMed PMID: 28557067.

91. Storch EA, Small BJ , McGuire JF, Murphy TK, Wilhelm S, Geller DA. Quality of Life in Children and Youth with Obsessive-Compulsive Disorder. Journal of child and adolescent psychopharmacology. 2017. Epub 2017/09/15. PubMed PMID: 28910139.

92. Geller DA, McGuire JF, Orr SP, Pine DS, Britton JC, Small BJ , Murphy TK, Wilhelm S, Storch EA. Fear conditioning and extinction in pediatric obsessive-compulsive disorder. Ann Clin Psychiatry. 2017;29(1):17-26. Epub 2017/02/17. PubMed PMID: 28207912.

93.

Spectrum Disorder (TAASD) Study: Rationale, Design and Methods. Journal of child and family studies. 2016:1-14. doi: 10.1007/s10826-016-0372-2.

101. Gonzalez BD, Jim HS, Small BJ , Sutton SK, Fishman MN, Zachariah B, Heysek RV, Jacobsen PB. Changes in physical functioning and muscle strength in men receiving androgen deprivation therapy for prostate cancer: a controlled comparison. Support Care Cancer. 2016;24(5):2201-7. Epub 2015/11/14. doi: 10.1007/s00520-015-3016-y. PubMed PMID: 26563183; PMCID: PMC4805468.

102. Mandelblatt JS, Clapp JD, Luta G, Faul LA, Tallarico MD, McClendon TD, Whitley JA, Cai L, Ahles TA, Stern RA, Jacobsen PB, Small BJ , Pitcher BN, Dura-Fernandis E, Muss HB, Hurria A, Cohen HJ, Isaacs C. Long-term trajectories of self-reported cognitive function in a cohort of older survivors of breast cancer: CALGB 369901 (Alliance). Cancer. 2016:n/a-n/a. doi: 10.1002/cncr.30208. PubMed PMID: 27447359.

103. Martire LM, Wilson SJ, Small BJ , Conley YP, Janicki PK, Sliwinski MJ. COMT and OPRM1 Genotype Associations with Daily Knee Pain Variability and Activity Induced Pain. Scand J Pain. 2016;10:6-12. Epub 2015/09/01. PubMed PMID: 26322144; PMCID: PMC4548933.

104. McGuire JF, Orr SP, Wu MS, Lewin AB, Small BJ , Phares V, Murphy TK, Wilhelm S, Pine DS, Geller D, Storch EA. Fear Conditioning and Extinction in Youth with Obsessive-Compulsive Disorder. Depression and anxiety. 2016;33(3):229-37. Epub 2016/01/23. doi: 10.1002/da.22468. PubMed PMID: 26799264.

105. Nelson AM, Gonzalez BD, Jim HS, Cessna JM, Sutton SK, Small BJ , Fishman MN, Zachariah B, Jacobsen PB. Characteristics and predictors of fatigue among men receiving androgen deprivation therapy for prostate cancer: a controlled comparison. Support Care Cancer. 2016;24(10):4159-66. Epub 2016/05/05. doi: 10.1007/s00520-016-3241-z. PubMed PMID: 27142516; PMCID: PMC4995123.

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Compulsive Disorder: A Randomized Clinical Trial. JAMA psychiatry. 2016. Epub 2016/07/02. doi: 10.1001/jamapsychiatry.2016.1128. PubMed PMID: 27367832.

110. Salloum A, Small BJ , Robst J, Scheeringa MS, Cohen JA, Storch EA. Stepped and Standard Care for Childhood Trauma: A Pilot Randomized Clinical Trial. Research on Social Work Practice. 2015. doi: 10.1177/1049731515601898.

111. Bickford PC, Kaneko Y, Grimmig B, Pappas C, Small BJ , Sanberg CD, Sanberg PR, Tan J, Douglas Shytle R. Nutraceutical intervention reverses the negative effects of blood from aged rats on stem cells. Age (Dordrecht, Netherlands). 2015;37(5):103. Epub 2015/09/28. doi: 10.1007/s11357-015-9840-7. PubMed PMID: 26410618.

112. *Flowers A, Lee JY, Acosta S, Hudson C, Small BJ , Sanberg CD, Bickford PC. NT-020 treatment reduces inflammation and augments Nrf-2 and Wnt signaling in aged rats. Journal of neuroinflammation. 2015;12(1):174. Epub 2015/09/18. doi: 10.1186/s12974-015-0395-4. PubMed PM-5.7 (s)-11 (N)-16.3 (ŧ)3.8 (f)]TJ 0 Tc 0 Tw 22 rr /1l1l NiDK

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140. McMillan, S. C., Small, B. J., Haley, W. E., Zambroski, C., & Buck, H. G. (2013). The COPE Intervention for Caregivers of Patients With Heart Failure: An Adapted Intervention. Journal of Hospice & Palliative Nursing, 15

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160. Prakash, R., Rastogi, P., Dubey, I., Abhishek, P., Chaudhury, S., & Small, B. J. (2012). Long-term concentrative meditation and cognitive performance among older adults. Aging, Neuropsychology, and Cognition, 19 (4), 479-194. doi: 10.1080/13825585.2011.630932. PMID: 22149237.

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