

EDUCATION

University of Wisconsin School of Medicine and Public Health

Doctor of Philosophy, 2016
Population Health Sciences (Epidemiology track)

University of Wisconsin School of Medicine and Public Health

Master of Science, 2010
Population Health Sciences

University of Wisconsin – Madison

Bachelor of Science, 2001
Majors: Psychology and Zoology

ACADEMIC APPOINTMENTS

Aug 2019 – Present **Assistant Professor, School of Nursing,** University of Wisconsin – Madison

Sept 2018 – Present **Alzheimer’s Association Research Fellow, Wisconsin Alzheimer’s Disease Research Center,** Madison, WI

Sept 2018 – Aug 2019 **Assistant Scientist, Department of Medicine/Geriatrics Division,** University of Wisconsin School of Medicine and Public Health

Sept 2017 – Sept 2018 **NIA Fellow, Center for the Demography of Health and Aging,** University of Wisconsin - Madison

Sept 2016 – Sept 2017 **Postdoctoral Fellow, Health Disparities Research Scholars Program,** University of Wisconsin School of Medicine and Public Health

ACTIVE RESEARCH SUPPORT

1R03AG063304 (Zuelsdorff, Flowers Benton) 09/01/2019 – 08/31/2021
Funding Agency: National Institute on Aging
Title: Building relationships between researchers and the community to increase African American participation in Alzheimer’s disease research
Role: Multiple Principal Investigator

1R03AG063303 (Zuelsdorff) 02/01/2019 – 01/31/2021
Funding Agency: National Institute on Aging
Title: Social-biological dimensions of ADRD risk and resilience in a Native American cohort
Role: Principal Investigator

AARF18562958 (Zuelsdorff)

09/01/2018 – 08/31/2021

Funding Agency: Alzheimer's Association

Alzheimer's Association Research Fellowship

Title: Psychosocial stressors, allostatic load, and cognitive aging

Role: Principal Investigator

P30AG062715 (Asthana)

04/01/2019 – 03/31/2024

NIH/NIA

Wisconsin Alzheimer's Disease Research Center

Role: Co-Investigator, Inclusion of Underrepresented Groups Core

COMPLETED RESEARCH SUPPORT

K23AG045957-S1 (Okonkwo)

09/30/2016 – 05/31/2019

Funding Agency: National Institute on Aging

Aging Research to Address Health Disparities Administrative Supplement

Title: Allostatic load alters brain and cognitive markers of Alzheimer's disease

Role: Principal Investigator for supplement award

HONORS AND AWARDS

- 2020** **Selected Attendee, Promoting Indigenous Research Leadership (PIRL) Program,** Center for American Indian and Rural Health Equity, Bozeman, MT
- 2019** **Reserve & Resilience Collaboratory Fellowship,** National Institute on Aging
- 2019** **ADRD Summit Scholar,** National Institute of Neurological Disorders and Stroke
- 2018** **Butler-Williams Scholar,** National Institute on Aging
- 2018** **Selected Attendee, Advanced Psychometric Methods Workshop,** Lake Tahoe, NV
- 2017** **Research Mini-Internship, Rush Alzheimer's Disease Center**
Rush University Medical Center, Chicago, IL
- 2017** **Travel Fellowship, Alzheimer's Association International Conference,** London, UK
- 2015** **Minority Issues in Gerontology Fellowship, Gerontological Society of America,** Orlando, FL, November 18-22, 2015
- 2015** **Graduate Student Peer Mentor Award,** University of Wisconsin Graduate School
- 2014** **Donn D'Alessio Student Leadership Award,** University of Wisconsin, Department of Population Health Sciences
- 2013** **Early Excellence in Teaching Award,** University of Wisconsin – Madison
- 2012** **RAND Summer Institute Fellowship,** RAND Headquarters, Santa Monica, CA
- 2012** **Rankin/Skatrud Conference Award,** University of Wisconsin School of Medicine and Public Health
- 2008** **Elliot Dick Fellowship Award,** University of Wisconsin, Department of Population Health Sciences

SELECTED PUBLICATIONS

REFEREED PUBLICATIONS

Zuelsdorff M, Larson JL, Hunt J, Kim AJ, Kosciak RL, Buckingham WR, Gleason CE, Johnson SC, Asthana S, Rissman R, Bendlin BB, Kind AJH. The Area Deprivation Index: A novel tool for harmonizable risk assessment in Alzheimer's disease research. In press, *Alzheimer's & Dementia: Translational Research and Clinical Interventions*.

Clark LR, **Zuelsdorff M**, Norton D, Johnson SC, Wyman MF, Benton SF, Hancock L, Carlsson CM, Asthana S, Gleason CE, Johnson HM. Association of cardiovascular risk factors with cerebral perfusion in Whites and African Americans. In press, *Journal of Alzheimer's Disease*.

Zuelsdorff M, Okonkwo OC, Norton D, Barnes LL, Graham KL, Clark LR, Wyman MF, Benton SF, Gee A, Lambrou N, Johnson SC, Gleason CE. Lifetime stressful events and racial disparities in cognition among middle-aged and older adults. *Journal of Alzheimer's Disease*, 2020; Vol. 73(2): pp. 671-682.

Wyman MF, Voils CI, Trivedi R, Boyle L, Goldman D, Umucu E, **Zuelsdorff M**, Johnson AL, Gleason CE. Perspectives of Veterans Affairs mental health care providers on working with older adults with dementia and their caregivers. *Gerontology and Geriatrics Education*, 2020; DOI: 10.1080/02701960.2020.1764356.

Hunt JF, Buckingham W, Kim AJ, Oh J, Vogt NM, Jonaitis EM, Hunt TK, **Zuelsdorff M**, Powell R, Norton D, Rissman RA, Asthana S, Okonkwo OC, Johnson SC, Kind AJ, Bendlin BB. Neighborhood disadvantage is associated with cerebral and hippocampal volume. *JAMA Neurology*; 2020; Vol. 77(4): pp. 451-460.

Lambrou NH, Cochran KM, Everhart S, Flatt JD, **Zuelsdorff M**, O'Hara JB, Weinhardt L, Benton SF, Gleason CE. Learning from transmasculine experiences with healthcare: Tangible inlets for reducing health disparities through patient-provider relationships. *Transgender Health*, 2020; Vol. 5(1): pp. 18-32.

Wyman MF, Jonaitis EM, Ward EC, **Zuelsdorff M**, Gleason CE. Depressive impairment and subthreshold depression among African American and White older women. *International Psychogeriatrics*, 2020; Vol. 32(3): pp. 393-405.

Babulal GM, Stout SH, Williams MM, Rajasekar G, Block L, Harmon A, Vivoda J, **Zuelsdorff M**, Benzinger TL, Morris JC, Ances B, Roe CM. Differences in driving outcomes among cognitively normal African American and Caucasian older adults. *Journal of Racial and Ethnic Health Disparities*, 2020; Vol. 7(2): 269-280.

Gilmore-Bykovskiy A, Gleason CE, Jin Y, Flowers Benton S, Block L, Dilworth-Anderson P, Barnes LL, Shah MN, **Zuelsdorff M**. Recruitment and retention of underrepresented populations in Alzheimer's disease research: A systematic review. *Alzheimer's & Dementia: Translational Research and Clinical Interventions*, 2019; Vol. 5: pp. 751-770.

Gleason CE, Norton D, **Zuelsdorff M**, Benton SF, Wyman MF, Nystrom N, Lambrou N, Salazar H, Kosciak RL, Jonaitis EM, Carter FP, Harris B, Gee A, Ketchum F, Johnson SC, Edwards DF, Carlsson CM, Kukull W, Asthana S. Association between enrollment factors and incident cognitive

impairment in Blacks and Whites: Data from the Alzheimer's Disease Centers. *Alzheimer's & Dementia*, 2019; Vol. 15(12): pp. 1533-1545.

Umucu E, Wyman M, Lee B, **Zuelsdorff M**, Benton SF, Nystrom N, Johnson SC, Carlsson CM, Asthana S, Gleason CE. Measuring apathy in preclinical Alzheimer's disease: Psychometric validation of the Apathy Evaluation Scale. *American Journal of Alzheimer's Disease & Other Dementias*, 2019; Vol. 34(1): pp. 16-22.

Zuelsdorff M, Kosciak RL, Okonkwo OC, Peppard PE, Hermann B, Sager MA, Johnson SC, Engelman CD. Perceived support and verbal interaction differentially impact cognitive function in midlife and older age. *Aging, Neuropsychology, and Cognition*, 2019; Vol. 26(2): pp. 144-160.

Zuelsdorff M, Kosciak RL, Okonkwo OC, Peppard PE, Hermann B, Sager MA, Johnson SC, Engelman CD. Reliability of a novel social activity questionnaire: Perceived social support and verbal interaction in the Wisconsin Registry for Alzheimer's Prevention. *Journal of Aging and Health*, 2018; Vol. 30(2): pp. 305-320.

Engelman M, Kestenbaum BM, **Zuelsdorff M**, Mehta NK, Lauderdale DS. Origins, health, and social safety nets: Work disability among native-born and foreign-born Americans. *Demography*, 2017; 54(6): 2273-2300.

Engelman CD, Bo R, **Zuelsdorff M**, Steltenpohl H, Kirby T, Nieto FJ; Epidemiologic study of the C-3 epimer of 25-hydroxyvitamin D(3) in a population-based sample. *Clinical Nutrition*, 2014; Vol. 33(3): pp. 421-425.

Zuelsdorff M, Engelman CD, Friedman EM, Kosciak RL, Jonaitis EM, La Rue A, Sager MA; Stressful events, social support, and cognitive function among middle-aged adults with a family history of Alzheimer's disease. *Journal of Aging and Health*, 2013; Vol. 25(6): pp. 944-959.

Brown RT, **Zuelsdorff M**, Gassman M; Treatment retention among African-Americans in the Dane County Drug Treatment Court. *Journal of Offender Rehabilitation*, 2009; Vol. 48: pp 336-349.

Zgierska A, Rabago D, **Zuelsdorff M**, Coe C, Miller M, Fleming MF; Mindfulness Meditation for relapse prevention in alcohol dependence: A feasibility pilot study. *Journal of Addiction Medicine*, 2008; Vol. 2(3): pp.165-173.

Brown RT, **Zuelsdorff M**; Opioid substitution with methadone and buprenorphine: Sexual dysfunction as a side effect of therapy. *Heroin Addiction and Related Clinical Problems*, 2007 Vol. 9(1): pp. 35-44.

Zgierska A, Brown RT, **Zuelsdorff M**, Brown D, Zhang Z, Fleming MF; Sleep quality and daytime sleepiness among chronic non-cancerous pain patients receiving long-term opioid therapy: A cross-sectional study. *Journal of Opioid Management*, 2007; Vol. 3(6): pp. 317-328.

Brown RT, **Zuelsdorff M**, Fleming MF; Adverse effects and cognitive function among primary care patients taking opioids for chronic non-malignant pain. *Journal of Opioid Management*, 2006; Vol. 2(3): pp. 137-146.

UNDER REVIEW

Hunt JF, Vogt NM, Jonaitis EM, Buckingham WR, Kosciak RL, **Zuelsdorff M**, Clark LR, Gleason CE, Yu M, Okonkwo OC, Johnson SC, Asthana S, Bendlin BB Kind AJ. Association of neighborhood context, cognitive decline, and cortical change in an unimpaired cohort. Under review at *Neurology*.

BOOK CHAPTERS

Zuelsdorff M, Barnes LL, Okonkwo OC. “Racial Disparities in Alzheimer’s Disease: Biological, Social, and Methodological Considerations” in O. Pedraza (Ed.), *Clinical Cultural Neuroscience: Foundations and Assessment*. In press, Oxford University.

CONFERENCE ACTIVITIES

SELECTED CONFERENCE TALKS

Zuelsdorff M, Henderson JN, Norton D, Salazar H, Lambrou NH, Carter FP, Gee A, Johnson SC, Asthana S, Gleason CE. Education gradients in cognitive aging among Native and African American elders in a Wisconsin cohort: Support for community-specific resilience models. 73rd Annual Meeting of the Gerontological Society of America, November 3-5, 2020.
To be presented virtually due to COVID-19 restrictions

Zuelsdorff M, Sonnega A, Byrd DA, Benton SF, Turner R. Lifetime stressful experiences and cognitive performance in African American and White older adults: New evidence from a population-based cohort. Presented at the 32nd Annual Alzheimer’s Association International Conference. July 26-30, 2020.
Presented virtually due to COVID-19 restrictions

Zuelsdorff M. Distal and proximal social determinants of cognitive health and dementia risk. Presented for the National ADRC Spring Meeting. June 26, 2020.
Presented virtually due to COVID-19 restrictions

Zuelsdorff M, Okonkwo OC, Barnes LL, Johnson SC, Gleason CE, Asthana S. The Stress and Resilience in Dementia (STRIDE) Study: Social-biological dimensions of ADRD risk and resilience. Presented at the 31st Annual Alzheimer’s Association International Conference, Los Angeles, CA, July 14-18, 2019.

Zuelsdorff M, Gleason CE, Kind AJ, Kosciak RL, Johnson SC, Okonkwo OC; Lifetime stressful experiences, racial disparities, and cognitive performance: Findings from the Wisconsin Registry for Alzheimer’s Prevention (WRAP) Study. Presented at the 29th Annual Alzheimer’s Association International Conference, London, UK, July 16-20, 2017.

Zuelsdorff M, Nicholas CR, Kosciak RL, Engelman CD, Johnson SC, Okonkwo OC; Recent stress, depression, gender, and cognition: Psychosocial pathways of risk in the Wisconsin Registry for Alzheimer’s Prevention (WRAP). Presented at the 69th Annual Meeting of the Gerontological Society of America, New Orleans, LA, November 16-20th, 2016.

Zuelsdorff M, Koscik RL, Okonkwo OC, Johnson SC, Engelman CD; Psychobiological determinants of cognitive risk in middle-aged and older adults. Presented at the 143rd Annual Meeting of the American Public Health Association, Chicago, IL, November 1-4, 2015.

Zuelsdorff M, Koscik RL, Okonkwo OC, Johnson SC, Engelman CD; Social support, verbal interaction, and cognitive function: Findings from the Wisconsin Registry for Alzheimer's Prevention (WRAP). Presented at the 27th Annual Alzheimer's Association International Conference, Washington, DC, July 18-23, 2015.

Zuelsdorff M, Engelman CD; Temporal stability of social support and verbal interactions in middle-aged and older adults: Test-retest reliability in the Wisconsin Registry for Alzheimer's Prevention (WRAP). Presented at the 142nd Annual Meeting of the American Public Health Association, New Orleans, LA, November 15-19, 2014.

Zuelsdorff M, Engelman CD, Friedman EM, Koscik RL, Jonaitis E, La Rue A, Sager MA; Stressful experiences, social support, and gene-social environment interaction in cognitive function: Findings from the Wisconsin Registry for Alzheimer's Prevention (WRAP). Presented at the 66th Annual Gerontological Society of America Meeting, New Orleans, LA November 20-24th, 2013.

OTHER CONFERENCE ACTIVITY

Panel Chair, *Epidemiology: Early life exposures in diverse cohorts*. 32nd Annual Alzheimer's Association International Conference, Amsterdam, Netherlands, July 26, 2020.

Organizer/Chair, Featured Research Symposium: *Intersections of sex and gender with race, ethnicity, and geography in cognitive aging and Alzheimer's disease trajectories*. 32nd Annual Alzheimer's Association International Conference, Amsterdam, Netherlands, July 28, 2020.

Organizer/Chair, Featured Research Symposium: *Global initiatives to improve assessment, diagnosis, and care for cognitive disorders in underserved populations*. 31st Annual Alzheimer's Association International Conference, Los Angeles, CA, July 16, 2019.

Panel Chair, Diversity and Disparities Scientific Session: *PLA Day early career rapid-fire panel*. 31st Annual Alzheimer's Association International Conference, Los Angeles, CA, July 14, 2019.

TEACHING EXPERIENCE

Spring 2020	Instructor, Advanced Quantitative Design (Graduate course)
Fall 2019 - 2020	Instructor, Nursing Research (Graduate course)
Spring 2016	Teaching Assistant, Principles of Environmental Health (Graduate course)
Fall 2015	Teaching Assistant, Population Medicine and Epidemiology (M1 course)
Spr 2014 - 2015	

Fall 2010 - 2014

Teaching Assistant, Introduction to Public Health (Undergraduate course)

Teaching Assistant, Introduction to Epidemiology (Graduate course)

INVITED TALKS

Multicultural Alzheimer's Prevention Program (MAPP), Harvard Medical School

MGH-MAPP Rounds, February 26, 2021

TBD

Wisconsin Alzheimer's Institute, UW School of Medicine and Public Health

Annual Update, November 6, 2020

"Racism, risk, and resilience in cognitive health and dementia: Evidence and implications for research and care in Wisconsin"

To be presented virtually due to COVID-19 restrictions

Department of Neurology, University of Rochester

Clinical Research Seminar, October 30, 2020

TBD

To be presented virtually due to COVID-19 restrictions

Department of Population Health Sciences, UW School of Medicine and Public Health

PHS Monday Seminar, April 27, 2020

"Contextualizing cognition: A social-biological approach to cognitive aging and equity research"

Alzheimer's Disease Research Center, Emory University, Atlanta, GA

Emory ADRC Research Seminar, November 6, 2017

"Disparities in cognitive aging: A life course approach to social and biological mechanisms"

Department of Obstetrics and Gynecology, UW School of Medicine and Public Health

Women's Health and Health Equity Symposium, October 12, 2017

"Lifetime stressful experiences and racial disparities in cognitive aging: Findings from a Wisconsin cohort"

Department of Medicine, UW School of Medicine and Public Health

Geriatrics Grand Rounds, December 1, 2015

"Social dimensions of cognitive risk and protection in the WRAP study."

SERVICE AND LEADERSHIP

2020 – Pres Vice Chair, ISTAART Diversity and Disparities Professional Interest Area Executive Committee

2019 – Pres Leadership Board, Wisconsin Alzheimer's Institute

2017 – 2020 Communications Chair, ISTAART Diversity and Disparities Professional Interest Area Executive Committee

2013 - 2014 Student Representative, Graduate Program Admissions Committee

2010 - 2012 Chair, Graduate Student Volunteering Committee

2009 - 2010 President, Population Health Sciences Student Organization

COMMUNITY ACTIVITIES

Wisconsin Department of Health Services, Office on Aging

Dementia Care Specialist Training Program, September 24, 2020

“Early trauma and brain health across the life course”

To be presented virtually due to COVID-19 restrictions

Great Lakes Native American Elders Association Quarterly Meeting, Red Cliff Reservation

Dementia in Indian Country Series Keynote, September 5, 2019

“Strong ties, strong mind: How social connections protect the body and brain”

Alzheimer’s Association Southwestern WI Chapter, Madison, WI

Healthy Living with Mild Cognitive Impairment Support & Education Series, August 23, 2019

“Manage stress and improve coping skills for a healthier mind”

Black Leaders for Brain Health, Madison, WI

Inaugural Symposium, May 21, 2019

“Lifetime stress and cognitive ‘weathering’: Evidence for risk and resilience in the Black community”

PROFESSIONAL AFFILIATIONS

University of Wisconsin Center for Demography of Health and Aging (CDHA)

International Society to Advance Alzheimer’s Research and Treatment (ISTAART)

Society for Epidemiological Research (SER)

Gerontological Society of America (GSA)

American Public Health Association (APHA)