



## Curriculum Vitae

### **Personal Information:**

#### Office Address:

Alzheimer's Disease Research Center  
600 Highland Avenue  
Clinical Sciences Center K6/438  
Madison, WI 53792  
608-262-9549  
[scj@medicine.wisc.edu](mailto:scj@medicine.wisc.edu); or [scjohnson@wisc.edu](mailto:scjohnson@wisc.edu)  
website: [www.wrap.wisc.edu](http://www.wrap.wisc.edu)

#### Home Address:

2984 Edenberry St.  
Fitchburg, WI 53711  
(608) 442-6716

### **Education:**

1989-1993	Bachelor's of Science (B.S.) Brigham Young University Major: Psychology, Minor: Statistics
1993-1997	Doctor of Philosophy (Ph.D.) Brigham Young University Clinical Psychology, Clinical Neuropsychology Specialty
1996-1997	Predocotrual Internship, Neuropsychology emphasis Dartmouth-Hitchcock Medical Center Department of Psychiatry, Hanover, NH 03756
1997-1999	Post Doctoral Fellowship Clinical Neuropsychology and Functional Neuroimaging Department of Psychiatry; Dartmouth-Hitchcock Medical Center, Hanover, NH 03756

### **Licensure and Certification:**

1999 to 2009	Licensed Psychologist State of Arizona 3292
2003 to present	Licensed Psychologist State of Wisconsin 2433-057
2002 to present	Registrant #50479 National Register of Health Service Psychologists

### **Present Appointment and Positions:**

04/23 – present	Vilas Distinguished Achievement Professor
04/18 – present	Associate Director, Wisconsin Alzheimer's Institute
06/14 – present	Gene R. Finley Professor of Geriatrics and Dementia, Professorship
04/14 – present	Associate Director, Wisconsin Alzheimer's Disease Research Center
07/12 – present	Professor, Division of Geriatrics, Department of Medicine, University of Wisconsin School of Medicine and Public Health
10/02 – present	Affiliate of the Institute on Aging, University of Wisconsin-Madison.

10/02 – present      Affiliate of the Department of Psychology, University of Wisconsin-Madison.

**Past Appointments and Positions:**

01/16 – 06/19      Associate Director for Research; Madison VA GRECC  
05/13 – 09/16      Chair, Madison VA Hospital Research and Development Committee  
07/07 – 06/12      Associate Professor of Medicine with Tenure, University of Wisconsin School of Medicine and Public Health  
09/02 – 06/07      Assistant Professor of Medicine, University of Wisconsin School of Medicine and Public Health  
09/02 – 02/23      Research Scientist, GRECC, Wm S. Middleton Memorial Veterans Hospital, Madison, WI  
08/01 – 08/02      Director, Neuropsychology and Neuroimaging Laboratory, Barrow Neurological Institute  
10/01 – 07/02      Research Scientist, Good Samaritan Regional Medical Center, Phoenix Arizona.  
07/99 – 08/02      Staff Scientist and Clinical Neuropsychologist, Barrow Neurological Institute, St. Joseph’s Hospital and Medical Center, Phoenix, AZ.

**Professional Society Memberships:**

American Psychological Association  
Division 40 of APA: Clinical Neuropsychology  
Organization for Human Brain Mapping  
International Neuropsychological Society  
National Register of Health Service Providers in Psychology  
Int Soc to Advance Alzheimer Research and Treatment (ISTAART)

**Honors and Awards:**

1994      •Henry Hécaen Award, American Psychological Association / Div 40  
1995      •APA Dissertation Research Award.  
1996      •APA / Psi Chi Edwin B. Newman Graduate Student Research Award.  
2001      •International Neuropsychological Society Cermak Award for best memory research to Dr. Leslie Baxter. S. Johnson senior author.  
2006      •Peustow Award: Young Investigator Award For Excellence in Clinical Research. Department of Medicine, University of Wisconsin School of Medicine and Public Health.  
2007      •PECASE: United States Presidential Early Career Award in Science and Engineering; White house Office of Science and Technology  
2008      •Tomorrow’s Leaders in Alzheimer’s Disease Research Award; The Alzheimer’s Association.  
2015      •Rankin Research Award for significant research contribution by a senior faculty member in the Department of Medicine  
2023      •Vilas Distinguished Achievement Professor-UW Madison

**Scientific Peer Review:**

*Grant review Panels:*  
2016 – 2018      NIH Center for Scientific Review. Aging Systems and Geriatrics (ASG); BDCN Integrated Review Group; Chartered panel member

- 2007 – 2013 NIH Center for Scientific Review. Clinical Neurosciences and Neurodegeneration CNN/BDCN Chartered panel member
- 2004 – 2008 Veterans Administration Scientific Research Review: Mental Health and Behavioral Science Panel

*Ad hoc Scientific Review Committees*

- 2023 NIA Special Emphasis Panel (1)  
2022 NIH Special Emphasis panels (2)  
2019 NIH Special Emphasis Panels or ad hoc (2)  
2018 NIH Special Emphasis Panels or ad hoc (2)  
2017 NIH Special Emphasis Panels or ad hoc 2017 (3)  
2016 NIH Special Emphasis Panels or ad hoc 2016 (3)  
2015 NIH Special Emphasis Panels or ad hoc 2015 (4)  
2014 NIH Special Emphasis Panels or ad hoc 2014 (7)  
2013 NIH Special Emphasis Panels or ad hoc 2013 (4)  
2012 NIH Special Emphasis Panels or ad hoc 2012 (1)  
2011 NIH Special Emphasis Panels or ad hoc 2011 (3)  
2006 to present Alzheimer Association Scientific Review yearly  
2010 NIH Special Emphasis Panels or ad hoc 2010 (4)  
2009 NIH Special Emphasis Panels or ad hoc 2009 (4)  
2008 NIH Special Emphasis Panels or ad hoc 2008 (3)  
2007 NIH NIA Special Emphasis Panels or ad hoc 2007 (2)  
2006 Rehabilitation Research VA Merit Review Panel 2006  
2006 NIH Special Emphasis Panels or ad hoc, 2006 (2)  
2005 NIH Special Emphasis Panel (2)  
2005 National Science Foundation  
2000 NIMH Special Emphasis Panel  
1999 NIMH Special Emphasis Panel

*Journal Editorial Board*

- 2014 – present Associate Editor, Brain Imaging and Behavior  
2014 – present Alzheimer's and Dementia—Diagnosis Assessment and Disease Monitoring  
2013 – present Alzheimer's and Dementia  
2010 – 2018 Journal of the International Neuropsychological Society  
2007 – 2014 Brain Imaging and Behavior  
2007 – 2018 Neuropsychology

*Journal ad hoc review in past 3 years:*

- Neurology •Annals of Neurology •NeuroImage •JAMA Neurology
- JAMA Psychiatry •Neurobiology of Aging •Nature Communications
- Brain Imaging and Behavior •Alzheimers and Dementia •Journal of Alzheimer's Disease •Journal of the International Neuropsychological Society
- Neuropsychology •Alzheimer's and Dementia—Diagnosis Assessment and Disease Monitoring

**Grant Support**  
**Current Projects**

**U01AG082350** (mPIs: Johnson, Mormino, Dickerson, Foroud, Kukull, Okonkwo, Rabinovici, Rivera-Mindt, Wolk). 09/15/2023 – 8/31/2028

Title: Consortium for Clarity in ADRD Research through Imaging (CLARiTI)

Role: contact mPI

Funding: NIA; \$150M over 5 years

Aims: To utilize amyloid and tau PET and advanced MR imaging together with blood biomarkers and build a resource superimposed on the network of ADRCs that elucidates and stages the multiple causes of dementia and antecedent states among longitudinally followed clinical core participants who are also enrolled in brain donation.

**R01 AG027161** (S. Johnson) 4/1/07 – 2/28/2028

Title: *Wisconsin Registry for Alzheimer Prevention*

Funding: NIA \$35M over five years (3/1/2023-2/28/2028)

**R01 AG021155** (S. Johnson) 3/15/2004 — 3/31/2027

Title: The longitudinal course of imaging biomarkers in people at risk for AD

Funding: NIA \$12M over five years (2022-2027)

**P30 AG062715** (Asthana) 04/19 – 03/31/24

Title: Wisconsin Alzheimer's Disease Research Center

NIH/NIA \$15M over 5 years

Role: Associate Director and Biomarker Core Leader

**R01AG062285** (Bendlin, Christian, Johnson mPIs) 9/30/2018 – 5/31/2023

Title: SV2A PET imaging in Alzheimer's Disease

Aims: To study the relationship between synaptic density with [C-11]UCB-J in the context of tau and amyloid imaging and advanced MRI measures of atrophy, and to examine the relationship of SV2A and longitudinal cognitive decline.

**U01 AG024904** (M. Weiner) 10/1/04 — 9/30/2027

University of Wisconsin Subcontract (S. Johnson)

NIA ~\$125,000 / year direct costs

*Alzheimer's Disease Neuroimaging Initiative(ADNI); ADNI-Grand Opportunity (ADNI-GO); ADNI2, ADNI3; DOD-ADNI; ADNI4*

Role: Site PI and national Steering committee member

**U01AG077928** (Ryff, Johnson, Schaffer, Lachman) 4/1/2023 – 3/31/2029

Title: MIDUS: Integrative Pathways to Cognitive, Affective, and Brain Health

Funding: NIA; \$21M total funding over 6 years

Role: mPI

Aims: to understand the psychosocial and biological interactions that give rise to brain health across the late adult life span in the landmark Midlife in the US longitudinal cohort study.

PENDING

none

**Completed Projects**

**R01 AG059869** (PI: M. Albert) 10/1/2018– 9/30/2023

Title: Preclinical AD Consortium

Aims: To combine datasets from 5 large studies of at-risk cohorts to identify with greater power the early changes in AD biomarkers.

Role: Site PI for WRAP and Wisconsin ADRC

**R01 AG062336** (mPI: Singh and Reuter) 8/15/2018 – 5/31/2021

Title: CRCNS: Pooling Multisite data and Statistical Tests for analyzing biomarkers of Alzheimer's disease

Aims: This collaborative US-Germany project will create methods for data harmonization and shape-based statistics.

Role: Co-Investigator

**U01 AG15001** (Christian, Handen, Klunk Co-PIs)

10/01/15 – 09/30/20

NIH/NICHD/NIA

“Neurodegeneration in Aging Down Syndrome (NiAD): A Longitudinal Study of Cognition and Biomarkers of Alzheimer’s Disease”

The main objective of this longitudinal, multi-center study of Neurodegeneration in Aging DS (NiAD) is to: 1) identify critical factors that link A $\beta$  deposition to neurodegeneration and, ultimately, dementia; 2) define biomarkers for these factors; and, most importantly, 3) set a foundation for an efficient transition from this biomarker study to a therapeutic trial to combat AD in DS augmented by biomarker outcomes.

Role: CoInvestigator

**R01EB022883** (Singh and Johnson) 9/1/2016 – 9/2020

Title: Manifold-valued statistical models for longitudinal morphometric analysis in preclinical Alzheimer's disease

NIH/NIA \$220,000

Role: Multi PI Singh and Johnson

American Society for Neuroradiology Foundation 8/1/2016-8/1/2017

Title: 4D blood flow in AD

ASNR: \$100,000 direct costs

Role: PI (with Oliver Wieben)

P50 AG033514 (Asthana) 04/09 – 03/31/19

Title: Wisconsin Alzheimer’s Disease Research Center

NIH/NIA \$1,000,000 per year

Role: Associate Director and Neuroimaging Core Leader

UW 2020 7/1/2016 – 7/1/2018

Title: A Molecular Atlas of Alzheimer’s Disease

WARF/Graduate school: \$200,000/year direct costs

Role: PI

VA Merit Review (C. Gallagher) 7/1/2012 – 6/30/2016

.6 CM

Dept of Veterans Affairs \$150,000/year  
 Biomarkers and Brain Connectivity in Parkinson's Disease  
 Role: CoInvestigator

R01AG040396 (Singh) 8/1/12 – 7/31/16 .6 CM  
 NIH/NIA \$185,000  
 Maximizing Power in AD Clinical Trials Via Multimodal Machine Learning  
 Role: CoInvestigator

R01 AG043125 (Johnson) 8/1/2012 – 7/31/2015 1.2 CM  
 NIH/NIA \$260,000/y direct  
 The Effect of Caloric Restriction on Brain Aging  
 Role: PI

R01 NS064034 (Dempsey) 3/15/10-1/31/15 .48 CM  
 NIH/NINDS \$250,000  
 Title: Structural Stability of Carotid Plaque and Symptomatology  
 Role: Co-Investigator

WI Partnership Program (Johnson and Singh) 01/01/2012–12/31/2014 0.6 CM  
 UW School of Medicine & Public Health \$100,000 / year  
*Predicting Alzheimer's Disease using Multi-Modal Machine Learning*

5I01CX000165-04 VA MERIT (S. Johnson) 10/01/09 — 9/30/13 1.8 CM  
 Department of Veterans Affairs \$150,000 / year  
 Title: *Posterior Cingulate Perfusion in Persons at Risk for Alzheimer's Disease*

R01AG031790 (Carlsson) 4/1/09-3/31/13 .6 CM  
 NIH/NIA \$400,000 per year direct costs  
 Statin Effects on Beta-Amyloid and Cerebral Perfusion in Adults at Risk for AD  
 Role: Co-investigator

P01 AG11915-10 (R. Weindruch) 5/01/06 — 1/31/12 1.8 CM  
 NIA \$180,000 / year direct costs  
*Dietary Restriction and Aging in Rhesus Monkeys*  
 Project 4: Brain Structure and Function  
 Role: Project Leader

VA MERIT REVIEW (S. Johnson) 10/1/2007 — 9/30/2011 1.8 CM  
 Veterans Administration \$110,000 / year direct costs.  
 Title: *Awareness of Deficit after Combat-related Brain Injury*

1R21 AG034315 (Singh) 8/15/2009 – 7/31/2011 .6 CM  
 NIH AD classification algorithms using ADNI multi-modal image data  
 Role: CoInvestigator

R01 AG031110 (PI – Handen, subPI – Christian) 02/01/10-07/31/11 .48 CM  
 NIH/NIA \$219,332  
 Natural History of Amyloid Deposition in Adults with Down Syndrome

Role: Coinvestigator

Foundation grant (S. Johnson) 7/1/06—6/30/07  
Anonymous Private Foundation \$84,000  
Title: *Amyloid Imaging in People at Risk for Alzheimer Disease*

State of Wisconsin (S. Johnson) 10/1/2005 to 2/28/2007  
WCMP Pilot Grant \$25,000  
Title: *Posterior Cingulate Connectivity in People at Risk for AD*  
Role: Mentor to Michele Ries/ CoPI

VA Merit Review Grant (S. Johnson) 10/1/2004 to 9/30/2008 1.8 Calendar  
Veterans Administration CSR&D \$150,000/year direct costs  
Title: *Posterior Cingulate Function in People At Risk for AD*

R01 AG021155 (S. Johnson) 9/1/04—7/31/09 2.4 Calendar  
NIH/NIA \$225,000 / year  
Title: *fMRI of Vulnerable Brain Regions in People at Risk for Alzheimer's Disease*

Foundation grant (S. Johnson) 1/1/03—12/31/04  
Anonymous Private Foundation \$75,000 for each of two years  
Title: *Functional MRI Probes for Early Detection of AD*

R01 MH 65723-03 (S. Johnson) 9/1/01 – 8/31/07  
NIH/NIMH \$200, 000 direct costs/ year  
Title: *fMRI of Neurobehavioral Recovery After TBI*

P30 AG 19610 (E. Reiman) 6/01—6/02  
NIH / NIA \$950,000 per year  
\$60,000 per year to S. Johnson in subcontract  
Title: *Alzheimer's Disease Cores Center (ADCC)*  
Role: Site PI in this statewide consortium from 6/01 to 9/02

State of Arizona(E. Reiman) 6/01—7/02  
Source: DHHS and local institutions \$1,000,000 per year from state with local match  
Title: *Arizona Alzheimer's Research Center*  
Role: Site PI at Barrow Neurological Institute (site budget \$192,000 yearly)

R03 AG18540 (S. Johnson) 9/1/00—8/31/01  
NIA \$50,000  
Title: *The Neural Basis of Memory Loss in Patients with MCI: An fMRI Study*

F32 NS10563 (S. Johnson) 9/97—7/99  
NINDS \$50,000 per year  
Title: *Functional and Structural MRI in Alzheimer Disease*  
Individual National Research Service Award (NRSA)  
Role: PI/Trainee



## Curriculum Vitae

### Publications: Refereed Articles (reverse chronological order):

#### **Recently accepted**

Ketchum et al.

Hogan et al. Whole genome methylation sequencing in blood identifies extensive differential DNA methylation in late onset dementia due to Alzheimer's disease  
*Alzheimer's & Dementia: The Journal of the Alzheimer's Association*

Xu et al. Apolipoprotein E moderates the association between Non-APOE Polygenic Risk Score for Alzheimer's Disease and Aging on Preclinical Cognitive Function  
*Alzheimer's & Dementia: The Journal of the Alzheimer's Association*

#### **Published**

400. Martinelli F, Heinken A, Henning AK, Worheide MA, Hensen T, Gonzalez A, Arnold M, Asthana S, Budde K, Engelman CD, Estaki M, Grabe HJ, Heston M, Johnson S, Kastenmuller G, Martino C, McDonald D, Rey F, Kilimann I, Peters O, Wang X, Spruth EJ, Schneider A, Fliessbach K, Wiltfang J, Hansen N, Glanz W, Buerger K, Janowitz D, Laske C, Munk MH, Spottke A, Roy N, Nauck M, Teipel S, Knight R, Kaddurah-Daouk R, Bendlin BB, Hertel J, Thiele I. Whole-body modelling reveals microbiome and genomic interactions on reduced urine formate levels in Alzheimer's disease. *Res Sq.* Sep 6 2023;PMC10503865
399. Ketchum FB, Erickson CM, Basche KE, Chin NA, Rosario HL, Johnson SC, Clark LR. Informing Disclosure: Efficacy of a Brief Educational Intervention on Research Participants' Knowledge about Alzheimer's Disease Biomarkers. *J Alzheimers Dis.* Oct 3 2023;
398. Gallagher RL, Kosciak RL, Moody JF, Vogt NM, Adluru N, Kecskemeti SR, Van Hulle CA, Chin NA, Asthana S, Kollmorgen G, Suridjan I, Carlsson CM, Johnson SC, Dean DC, 3rd, Zetterberg H, Blennow K, Alexander AL, Bendlin BB. Neuroimaging of tissue microstructure as a marker of neurodegeneration in the AT(N) framework: defining abnormal neurodegeneration and improving prediction of clinical status. *Alzheimers Res Ther.* Oct 17 2023;15(1):180. PMC10583332
397. Breen C, Papale LA, Clark LR, Bergmann PE, Madrid A, Asthana S, Johnson SC, Keles S, Alish RS, Hogan KJ. Whole genome methylation sequencing in blood identifies extensive differential DNA methylation in late-onset dementia due to Alzheimer's disease. *Alzheimers Dement.* Oct 19 2023;
396. Xu Y, Sun Z, Jonaitis E, Deming Y, Lu Q, Johnson SC, Engelman CD. Apolipoprotein E moderates the association between non-APOE polygenic risk score for Alzheimer's disease and aging on preclinical cognitive function. *Alzheimers Dement.* Oct 19 2023;
395. Fischer B, Van Hulle CA, Langhough R, Norton D, Zuelsdorff M, Gooding DC, Wyman MF, Johnson A, Lambrou N, James T, Bouges S, Carter FP, Salazar H, Kirmess K, Holubasch M, Meyer M, Venkatesh V, West T, Verghese P, Yarasheski K, Carlsson CM, Johnson



- SC, Asthana S, Gleason CE. Plasma Abeta42/40 and cognitive variability are associated with cognitive function in Black Americans: Findings from the AA-FAIM cohort. *Alzheimers Dement (N Y)*. Jul-Sep 2023;9(3):e12414. PMC10519622
394. Dong, R, Lu, Q, Kang, H, Suridjan, I, Kollmorgen, G, Wild, N, Deming, Y, Van Hulle, CA, Anderson, RM, Zetterberg, H, Blennow, K, Carlsson, CM, Asthana, S, Johnson, SC, Engelman, CD. CSF metabolites associated with biomarkers of Alzheimer's disease pathology. *Front Aging Neurosci*. 2023;15:1214932. PMC10499619
393. Bruno D, Jauregi Zinkunegi A, Kollmorgen G, Carboni M, Wild N, Carlsson C, Bendlin B, Okonkwo O, Chin N, Hermann BP, Asthana S, Blennow K, Langhough R, Johnson SC, Pomara N, Zetterberg H, Mueller KD. A comparison of diagnostic performance of word-list and story recall tests for biomarker-determined Alzheimer's disease. *J Clin Exp Neuropsychol*. Aug 12 2023:1-7.
392. Erickson CM, Chin NA, Rosario HL, Peterson A, Johnson SC, Clark LR. Feasibility of virtual Alzheimer's biomarker disclosure: Findings from an observational cohort. *Alzheimers Dement (N Y)*. Jul-Sep 2023;9(3):e12413. PMC10382796
391. Erickson P, Simren J, Brum WS, Ennis GE, Kollmorgen G, Suridjan I, Langhough R, Jonaitis EM, Van Hulle CA, Betthausen TJ, Carlsson CM, Asthana S, Ashton NJ, Johnson SC, Shaw LM, Blennow K, Andreasson U, Bendlin BB, Zetterberg H, Cohort A. Prevalence and Clinical Implications of a beta-Amyloid-Negative, Tau-Positive Cerebrospinal Fluid Biomarker Profile in Alzheimer Disease. *JAMA Neurol*. Jul 31 2023;PMC10391361
390. Fico BG, Miller KB, Rivera-Rivera LA, Corkery AT, Pearson AG, Loggie NA, Howery AJ, Rowley HA, Johnson KM, Johnson SC, Wieben O, Barnes JN. Cerebral hemodynamics comparison using transcranial doppler ultrasound and 4D flow MRI. *Front Physiol*. 2023;14:1198615. PMC10250020
389. Jauregi Zinkunegi A, Bruno D, Betthausen TJ, Langhough R, Asthana S, Chin NA, Hermann BP, Johnson SC, Mueller KD. A comparison of story-recall metrics to predict hippocampal volume in older adults with and without cognitive impairment. *Clin Neuropsychol*. Jun 22 2023:1-18.
388. Merten N, Pinto AA, Paulsen AJ, Chen Y, Engelman CD, Hancock LM, Johnson SC, Schubert CR. Associations of Midlife Lifestyle and Health Factors with Long-Term Changes in Blood-Based Biomarkers of Alzheimer's Disease and Neurodegeneration. *J Alzheimers Dis*. 2023;94(4):1381-1395. PMC10461414
387. Miners J, van Hulle C, Ince S, Jonaitis E, Okonkwo OC, Bendlin B, Johnson S, Carlsson C, Asthana S, Love S, Blennow K, Zetterberg H. Elevated CSF angiopoietin-2 correlates with blood-brain barrier leakiness and markers of neuronal injury in early Alzheimer's disease. *Res Sq*. Apr 18 2023;PMC10153378
386. Panyard DJ, McKetney J, Deming YK, Morrow AR, Ennis GE, Jonaitis EM, Van Hulle CA, Yang C, Sung YJ, Ali M, Kollmorgen G, Suridjan I, Bayfield A, Bendlin BB, Zetterberg H, Blennow K, Cruchaga C, Carlsson CM, Johnson SC, Asthana S, Coon JJ, Engelman CD.

Large-scale proteome and metabolome analysis of CSF implicates altered glucose and carbon metabolism and succinylcarnitine in Alzheimer's disease. *Alzheimers Dement.* May 22 2023;

385. Rabin LA, Sikkes SAM, Tommet D, Jones RN, Crane PK, Elbulok-Charcape MM, Dubbelman MA, Kosciak R, Amariglio RE, Buckley RF, Boada M, Chetelat G, Dubois B, Ellis KA, Gifford KA, Jefferson AL, Jessen F, Johnson S, Katz MJ, Lipton RB, Luck T, Margioti E, Maruff P, Molinuevo JL, Perrotin A, Petersen RC, Rami L, Reisberg B, Rentz DM, Riedel-Heller SG, Risacher SL, Rodriguez-Gomez O, Sachdev PS, Saykin AJ, Scarmeas N, Smart C, Snitz BE, Sperling RA, Taler V, van der Flier WM, van Harten AC, Wagner M, Wolfsgruber S, Alzheimer's Disease Neuroimaging I, Canadian Longitudinal Study on Aging, Health, Aging Brain Study: Health Disparities Study T. Linking self-perceived cognitive functioning questionnaires using item response theory: The subjective cognitive decline initiative. *Neuropsychology.* May 2023;37(4):463-499.
384. Williams VJ, Kosciak R, Sicinski K, Johnson SC, Herd P, Asthana S. Associations Between Midlife Menopausal Hormone Therapy Use, Incident Diabetes, and Late Life Memory in the Wisconsin Longitudinal Study. *J Alzheimers Dis.* 2023;93(2):727-741.
383. Xu Y, Vasiljevic E, Deming YK, Jonaitis EM, Kosciak RL, Van Hulle CA, Lu Q, Carboni M, Kollmorgen G, Wild N, Carlsson CM, Johnson SC, Zetterberg H, Blennow K, Engelman CD. Effect of Pathway-Specific Polygenic Risk Scores for Alzheimer's Disease (AD) on Rate of Change in Cognitive Function and AD-Related Biomarkers Among Asymptomatic Individuals. *J Alzheimers Dis.* 2023;94(4):1587-1605. PMC10468904
382. Zammit MD, Betthausen TJ, McVea AK, Laymon CM, Tudorascu DL, Johnson SC, Hartley SL, Converse AK, Minhas DS, Zaman SH, Ances BM, Stone CK, Mathis CA, Cohen AD, Klunk WE, Handen BL, Christian BT, Alzheimer's Biomarker Consortium - Down S. Characterizing the emergence of amyloid and tau burden in Down syndrome. *Alzheimers Dement.* Aug 29 2023;
381. Shuping JL, Matthews DC, Adamczuk K, Scott D, Rowe CC, Kreisl WC, Johnson SC, Lukic AS, Johnson KA, Rosa-Neto P, Andrews RD, Van Laere K, Cordes L, Ward L, Wilde CL, Barakos J, Purcell DD, Devanand DP, Stern Y, Luchsinger JA, Sur C, Price JC, Brickman AM, Klunk WE, Boxer AL, Mathotaarachchi SS, Lao PJ, Evelhoch JL. Development, initial validation, and application of a visual read method for [(18)F]MK-6240 tau PET. *Alzheimers Dement (N Y).* Jan-Mar 2023;9(1):e12372. PMC9983143
380. Rowley PA, Paukner MJ, Eisenmenger LB, Field AS, Davidson RJ, Johnson SC, Asthana S, Chin NA, Prabhakaran V, Bendlin BB, Postle BR, Goldsmith HH, Carlsson CM, Brooks MA, Kalin NH, Williams LE, Rowley HA. Incidental Findings from 16,400 Brain MRI Examinations of Research Volunteers. *AJNR Am J Neuroradiol.* Apr 2023;44(4):417-423. PMC10084899
379. Roberts GS, Peret A, Jonaitis EM, Kosciak RL, Hoffman CA, Rivera-Rivera LA, Cody KA, Rowley HA, Johnson SC, Wieben O, Johnson KM, Eisenmenger LB. Normative Cerebral Hemodynamics in Middle-aged and Older Adults Using 4D Flow MRI: Initial Analysis of Vascular Aging. *Radiology.* Mar 21 2023:222685.

378. Jonaitis EM, Janelidze S, Cody KA, Langhough R, Du L, Chin NA, Mattsson-Carlgrén N, Hogan KJ, Christian BT, Betthausen TJ, Hansson O, Johnson SC. Plasma phosphorylated tau 217 in preclinical Alzheimer's disease. *Brain Commun.* 2023;5(2):fcad057. PMC10066514
377. Ennis GE, Betthausen TJ, Kosciak RL, Chin NA, Christian BT, Asthana S, Johnson SC, Bendlin BB. The relationship of insulin resistance and diabetes to tau PET SUVR in middle-aged to older adults. *Alzheimers Res Ther.* Mar 17 2023;15(1):55. PMC10022314
376. Du L, Langhough R, Hermann BP, Jonaitis E, Betthausen TJ, Cody KA, Mueller K, Zuelsdorff M, Chin N, Ennis GE, Bendlin BB, Gleason CE, Christian BT, Plante DT, Chappell R, Johnson SC. Associations between self-reported sleep patterns and health, cognition and amyloid measures: results from the Wisconsin Registry for Alzheimer's Prevention. *Brain Commun.* 2023;5(2):fcad039. PMC9999364
375. Dong R, Denier-Fields DN, Van Hulle CA, Kollmorgen G, Suridjan I, Wild N, Lu Q, Anderson RM, Zetterberg H, Blennow K, Carlsson CM, Johnson SC, Engelman CD. Identification of plasma metabolites associated with modifiable risk factors and endophenotypes reflecting Alzheimer's disease pathology. *Eur J Epidemiol.* Mar 25 2023;
374. Deming Y, Vasiljevic E, Morrow A, Miao J, Van Hulle C, Jonaitis E, Ma Y, Whitenack V, Kollmorgen G, Wild N, Suridjan I, Shaw LM, Asthana S, Carlsson CM, Johnson SC, Zetterberg H, Blennow K, Bendlin BB, Lu Q, Engelman CD, Alzheimer's Disease Neuroimaging I. Neuropathology-based APOE genetic risk score better quantifies Alzheimer's risk. *Alzheimers Dement.* Feb 16 2023;
373. Coughlan GT, Betthausen TJ, Boyle R, Kosciak RL, Klinger HM, Chibnik LB, Jonaitis EM, Yau WW, Wenzel A, Christian BT, Gleason CE, Saelzler UG, Properzi MJ, Schultz AP, Hanseeuw BJ, Manson JE, Rentz DM, Johnson KA, Sperling R, Johnson SC, Buckley RF. Association of Age at Menopause and Hormone Therapy Use With Tau and beta-Amyloid Positron Emission Tomography. *JAMA Neurol.* Apr 3 2023;PMC10071399
372. Johnson SC, Suarez-Calvet M, Suridjan I, Minguillon C, Gispert JD, Jonaitis E, Michna A, Carboni M, Bittner T, Rabe C, Kollmorgen G, Zetterberg H, Blennow K. Identifying clinically useful biomarkers in neurodegenerative disease through a collaborative approach: the NeuroToolKit. *Alzheimers Res Ther.* Jan 28 2023;15(1):25. PMC9883877
371. Mattsson-Carlgrén N, Salvado G, Ashton NJ, Tideman P, Stomrud E, Zetterberg H, Ossenkoppele R, Betthausen TJ, Cody KA, Jonaitis EM, Langhough R, Palmqvist S, Blennow K, Janelidze S, Johnson SC, Hansson O. Prediction of Longitudinal Cognitive Decline in Preclinical Alzheimer Disease Using Plasma Biomarkers. *JAMA Neurol.* Feb 6 2023;
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**Publications: Non-refereed Articles**

7. Erickson, C. M., Chin, N. A., Coughlin, D. M., Conway, C. E., Rosario, H. L., Johnson, S. C., & Clark, L. R. (2021). Virtual disclosure of preclinical Alzheimer's biomarkers: Preliminary experiences. *J Am Geriatr Soc.*
6. Field, A., & Johnson, S. C. (2021). Beyond the AJR: "Aggregated Tau Measured by Visual Interpretation of Flortaucipir Positron Emission Tomography and the Associated Risk of Clinical Progression of Mild Cognitive Impairment and Alzheimer Disease Results From 2 Phase III Clinical Trials". *AJR Am J Roentgenol.*
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4. Khachaturian AS, Chapman J, Farrer L, Friedland RP, Ebstein R, Grossman I, Hendler T, Hermann B, Inzelberg R, Johnson S, Khachaturian ZS, Lichter-Shapira I, Makeeva O, Mayrl R, Mizrahi E, Roses AD, Sager M, Fraifeld S. Healthy aging and preclinical dementia: the United States-Israel Longitudinal Database project. *Alzheimers Dement.* 2010 Nov;**6**(6):475-81. doi: 10.1016/j.jalz.2010.10.001.
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**Publications: Chapters in Books**

6. Johnson, S. C. (2018). Brain imaging of dementia and antecedent conditions. *APA Handbook of dementia.* American Psychological Association Washington DC
5. Johnson, S. C. and Nicholas, C. (2017). Traumatic Brain Injury. In J.B. Halter, J.G. Ouslander, M.E. Tinetti, S. Studenski, K.P. High & S. Asthana (Eds.), *Hazzard's Geriatric Medicine and Gerontology* (7th ed.). New York: McGraw Hill.
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2. Khuntia, D., B.S., M., Meyers, C.A., Johnson, S.C., & Mehta, M. (2008). Brain Metastases: Effects of Cancer and Treatments on Cognition. In C.A. Meyers & J.R. Perry (Eds.), *Cognition and Cancer*. Cambridge, UK: Cambridge University Press.
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**Invited Presentations:**

**Community Outreach Presentations:**

06/2023 Why have a PET scan?

04/21/2022 Breaking the Silence community lecture

10/20/2021 UWSMPH IEA Memories Matter Livestream

05/05/21 UWSMPH Livestream: Imaging Biomarkers

10/2020 Advances in research on Alzheimer's Disease. Dementia Specialist Training Conference; Wisconsin Alzheimer's Institute

09/2020 Early Detection and Treatment of Alzheimer's Disease; UWSMPH Livestream

06/2020 Wisconsin Registry for Alzheimer's Prevention Biannual update

10/2019 UW System Board of Regents Presentation on Alzheimer's Disease Program at UW

09/2019 Mini-Med School on Alzheimer's Disease

09/2019 Bioforward Summit Dialogue on Alzheimer's Disease

08/2019 Cap Times Ideas Fest dialogue on Alzheimer's Disease

08/2019 ADRC Participant appreciation event: Presentation on brain donation

04/2019 UW Founders Day Lecture on Alzheimer's Disease Prevention, Atlanta GA

4/27/2018: New results in people at risk for AD. Rockford Regional Health Council public event: The Journey of Alzheimer's Disease

4/2018. Wisconsin Registry for Alzheimer's Prevention Information Sessions. ~700 attendees across 5 sessions in Madison East and West sides, Milwaukee, Neenah, and LaCrosse.

11/2017. Alzheimer's Disease in under-represented groups. A public lecture sponsored by the Milwaukee Regional office of the Wisconsin Alzheimer's Institute

6/2017. Brain imaging in AD. Past present and future. WADRC participant appreciation and information session.

4/2016. Wisconsin Registry for Alzheimer's Prevention Information Sessions. ~600 attendees across 5 sessions.

8/2015 ADRC Info session: the importance of biomarker participation

6/1/2015: Training on dementia screening to Hiatt pharmacy specialists

4/6/2015 The basics of AD. Rockford University, Rockford IL; Northern IL Alz Assoc. 60 attendees.

10/28/2014: Alzheimer's Disease and other forms of cognitive decline: Wisconsin Women's Health Foundation; Marshfield.

5/6/2014 WRAP Info Sessions: Marriott Middleton WI and 4 other sites: 700 attendees

9/17/2013 The earliest signs of Alzheimer's Disease. Public lecture at the Wisconsin Institute on Aging annual colloquium. Monona Terrace, Madison WI. ~500 attendees

8/10/2013 Brain imaging in Alzheimer's Disease: Community lecture by the ADRC imaging core. HSLC UWSMPH. ~100 attendees.

3/18/2013 Current directions in Alzheimer's Disease. Azura Memory Care Conference: Evansville

11/13/12 Brain Imaging and AD. Speaker at the November Lecture on Alzheimer's Disease sponsored by the Wisconsin ADRC.

5/16/2012 Johnson, SC. Alzheimer's Association of Illinois Regional Conference: Challenges, Choices and Opportunities, Rockford IL. A CE talk to Health Professionals.  
Attendees: ~200

4/11/12 What we can learn from brain imaging in Alzheimer's Disease: Mini-Med School Lecture Series, Community Lecture. >500 attendees.

11/17/11 Recent Advances in Alzheimer's Disease at the Wisconsin ADRC. Lecture to community caregivers; Coventry Village, Madison WI.

4/19/2011 Research Advances in the Neurobiology of Aging and Alzheimer's Disease. Wisconsin Alumni Association Founders Day Lecture. Marshfield WI.

3/29/2011 The Wisconsin Alzheimer's Disease Research Center: New advances in the field of AD. Caregiver Conference of the Northern Illinois Chapter of the Alzheimer's Association.

5/13/10 Wisconsin Alumni Association Founders Day Lecture: Wausau Wisconsin.

5/6/2007 Wisconsin Alzheimer's Institute Community Lecture Series on AD. May 6 – June 3. Milwaukee, Madison (2), LaCrosse, Appleton, WI.

10/13/2005 Johnson, SC. Brain Areas for Making and Retrieving Memories: Institute on Aging Annual Colloquium. Monona Terrace

**Local Academic Seminars, Lectures and CME Presentations:**

10/2020 Advanced in research on Alzheimer's Disease. Dementia Specialist Training Conference; Wisconsin Alzheimer's Institute

11/13/2018 Neuroscience 675. Academic Lecture on brain mapping in Alzheimer's Disease. UW SMPH

5/2017. Wisconsin AD Research Day. Advances in clinical trial design in preclinical AD. WID, UW-Madison

3/18/2017 qBio seminar: Machine learning in preclinical AD; WID

11/18/2016 DOM Grand rounds

6/2016: CPCP seminar and discussant at Center for Predictive and Computational Phenotyping annual retreat

6/12/2015: Keynote address to the center for predictive and computational phenotyping

6/11/2015: WAI clinic network: National research update and status

4/2015 Training to Wisconsin Dementia Care Specialists: AD biology and clinical presentation

2/2015: AD screening: A training seminar presented to the Milwaukee County on Aging

11/06/2014 An introduction to AD Research and Current Issues; Wisconsin Alzheimer's Institute Annual CME Intensive Workshop.

3/2014 Geriatrics Journal Club; GRECC

9/27/2013 Preclinical AD. Grand Rounds Presentation UWSMPH Department of Medicine

4/22/2013 Geriatrics Journal Club: What factors influence amyloid burden in non-demented elderly? GRECC

1/18/2013 The NIH Grant Review System. UW ICTR Semi-annual Scientific Writing Workshop ~30 attendees. UW faculty and trainees including K-scholars.

12/7/12 Presymptomatic AD. Waisman Center Lecture Series. Attendees: ~100 students and faculty from across campus.

- 11/11/12 Preclinical Alzheimer's Disease. AD Update annual CME program organized by the Wisconsin Alzheimer's Institute. Invited Speaker
- 8/8/12 UW SMPH Neurosurgery Grand Rounds: Presymptomatic Alzheimer's Disease. Attendees: 50 Faculty, residents and fellows in the Dept of Neurosurgery.
- 7/26/12 UW Division of Continuing Education: Summer Institute on Mental Disorders and the Older Adult: Progress in AD research  
Attendees: 150 professional health care providers from across the region.
- 10/20/10 TOMM40 523 and Alzheimer's Disease Risk. Geriatrics Grand Rounds. GRECC
- 10/14/10 Dysphagia Lecture Series (GRECC): Measuring Motor and Cognitive Processes with Functional Imaging.
- 9/10/10 Department of Medicine Grand Rounds: TOMM40 523 genotype and AD risk
- 4/2010 UW ICTR Short course on Scientific Writing: Grant reviewers and the grant review process. ~30 attendees. 30 min lecture.
- 2/10 Dept of Medicine Grand Round; Brain Changes in People At risk for AD
- 3/27/2009 UW ICTR Short course on Scientific Writing: Grant reviewers and the grant review process. 25 attendees. 30 min lecture.
- 11/ 2008 Alzheimers Update: Detection of preclinical AD using functional Neuroimaging. 200 attendees. 1 hr CE.
- 09/2007 Johnson, SC. Imaging Alzheimer disease: New research. Geriatrics Journal Club.
- 9/21/2007 Johnson, SC. Preclinical Alzheimer Disease. University of Wisconsin, Dept of Psychiatry Grand Rounds.
- 9/8/2006 Johnson, SC. Functional MRI, Cerebral Reorganization and Swallowing: Implications for Neurorehabilitation. New Frontiers in Dysphagia Rehabilitation.
- 10/28/2005 Johnson, SC. Brain imaging findings in people at risk for AD. Wisconsin Alzheimer's Institute Annual CME meeting.
- 10/15/2004 Johnson, SC. Early detection of AD with brain imaging. Wisconsin Alzheimer's Institute annual Alzheimer's Update.
- 10/5/2004 Johnson, SC, & Trivedi, MA. FMRI of Memory lecture. Alzheimer's Disease and Related Disorders Research Seminar.
- 9/18/2004 Johnson, SC. Geriatrics Journal Club.
- 5/2004 Johnson, SC, Functional brain imaging and swallowing in the elderly. Dysphagia CME conference. The Pile Center.

4/21/2004 Johnson, SC. fMRI of vulnerable brain regions in people at risk for AD. UW Geriatrics Grand Rounds.

3/22/2004 Johnson, SC. fMRI of Neurodegeneration and Neuroplasticity. UW Communicative Disorders Professional Seminar.

2/2004 Johnson, SC. fMRI in early detection of AD. UW Neurology Grand Rounds.

2/2004 Asthana, S, Hermann, BP, Johnson, SC, Carlsson, CM. Alzheimer's Disease: An update. Medicine Grand Rounds.

9/13/2003 Johnson, SC. Functional brain imaging studies of brain recovery. Presented at the University of Wisconsin Speech and Language Pathology Lecture series and provided 1.5 CE hours to attendees.

11/15/2002 Johnson, SC. FMRI of Self-Awareness. Invited Lecture in the University of Wisconsin Clinical Psychology Seminar Series.

3/3/2002 Johnson, SC. Clinical Applications of fMRI in Neurosurgical Planning. Invited seminar at the 24<sup>th</sup> Annual Neurology and Neuroimaging Symposium Barrow Neurological Institute. Phoenix AZ.

9/29/2001 Johnson, SC. Functional MRI and Mild Cognitive Impairment. Mapping the hippocampus. Barrow Cognitive Disorders Symposium. Phoenix, AZ.

9/16/2001 Johnson, SC. Mapping learning in pre-clinical dementia. Arizona Alzheimer's Research Center Seminar Series. Phoenix AZ.

3/2001 Pipe, JG, Johnson, SC, Heiserman, JE. High Performance MRI. Invited Lecture at the 23<sup>rd</sup> Neurology and Neuroimaging Symposium Barrow Neurological Institute. Phoenix AZ.

7/14/2000 Johnson, SC. Clinical Applications of fMRI. Barrow Neurological Institute Grand Rounds. Phoenix AZ.

### **Regional Academic Presentations:**

10/2019 Invited Lecture. Wisconsin Neurological Society annual meeting. Wisconsin Dells

3/2017. Invited lecture at Medical College of Wisconsin. Tau imaging in AD

10/2016. UW-Milwaukee invited lecture on Presymptomatic AD.

05/19/2015 Biomarkers for Alzheimer's Disease. Greater Wisconsin Alz Association Annual meeting. CME.

11/17/2006 Johnson, SC. Invited Lecture, Medical College of Wisconsin Department of Biophysics.

01/05/2006 Johnson, SC. Preclinical brain imaging findings in Alzheimer Disease. Geriatrics Frozen Tundra CME Conference.

1/9/2004 Johnson, SC. Brain imaging and Alzheimer's Disease. Frozen Tundra Geriatrics CME Conference, Green Bay.

**National and International:**

04/2023 Michigan ADRC Research Education day: Keynote speaker

11/2022 Wisconsin Dementia update: Lecturer on temporal models of AD

05/13/22 National ADRC Spring meeting Imaging core session presentation

05/12/22 Texas Alzheimer's Disease Research Consortium annual meeting keynote address

04/29/22 University of Pennsylvania Institute on Aging Vincent Cristofalo annual lectureship

04/22/22 Johns Hopkins University Division of Geriatric Psychiatry Noon Seminar

10/21 Duke University Neurology Grand Rounds

03/21 MK6240 Users meeting: MK6240 and preclinical AD

1/2021 The 2021 MCI Symposium: Brain health

12/20 RSNA Educational Symposium: Imaging of Alzheimers Disease

11/2019 Invited Lecture at Northwestern ADRC Grand rounds

10/2019 Grand Rounds at the UCSD ADRC, San Diego CA

08/2019 Invited Presentation at the MK-6240 users meeting

7/13/19 Plenary Lecture: AAIC Imaging Consortium, Los Angeles, CA

7/12/19 Invited Workshop lecture: Health Disparities and Biomarkers, AAIC Los Angeles CA

7/11/19 Invited lecture on the NeuroToolKit in the Wisconsin CSF series

12/2018 Invited Lecture: International summit on AD biomarkers. Magdeburg, Germany

12/2017. Invited lecture. Novel computational and statistical approaches to early detection of AD. DZNE, Bonn, Germany

5/17 Invited lecture. Brain changes in people at risk for AD. Douglas Hospital at McGill University. Montreal Canada



6/22/2015: Presymptomatic Alzheimer's Disease: Grand rounds lecture at Mount Sinai School of Medicine, NYC.

2/21/2015: Presymptomatic Alzheimer's Disease: Grand rounds lecture at Vanderbilt Univ.

12/4/2014 Neurobiology of AD and Presymptomatic disease, Radiologic Society of North America; Chicago

12/6/2013: Neurobiology of Alzheimer's Disease Radiologic Society of North America; Chicago

8/19/2013 Presymptomatic Alzheimer's Disease. Grand Rounds Presentation to the Department of Neurology, University of California San Francisco.

2/2011 International Neuropsychological Society Annual meeting. Neural correlates of awareness.

5/2009. Johns Hopkins University ADRC dementia update. Invited presentation on early detection and prevention of AD.

8/15/2008 Advances in Clinical Neuroscience Conference. Faculty Lecture, Stepping Hill Hospital, Manchester, UK.

04/30/2008 Veterans Administration State of the Art Working Group on Traumatic Brain Injury. VHA R&D April 30-May 2, 2008, Washington DC. Invited participant.

02/2008 MIND Institute, Grand Rounds. University of New Mexico, Albuquerque NM, 40 attendees.

01/14/2008 Mayo Clinic Grand Rounds. Rochester, MN, 90 attendees

06/9/2007 Johnson SC, Invited Symposium presenter and discussant: Functional Alterations in Aging and Dementia. American Society of NeuroRadiology annual meeting.

03/8/2007 Johnson SC. Invited symposium presenter and discussant. Functional MRI and Transcranial Magnetic Stimulation in Dysphagia Research. Dysphagia Research Society Annual Meeting. Vancouver, CA.

11/20/2005 Johnson, SC. From Bench to Bedside GRECC symposium. Imaging of preclinical AD. AGS. Orlando Florida.

11/24/2002 Gale, SD, Johnson, SC, Diamond, P. Neuroimaging Studies of Brain Recovery. CME Workshop presented to the American Academy of Physical Medicine and Rehabilitation annual meeting; Orlando FL. 1.5 CME credits provided to attendees.

10/17/2002 Johnson, SC. Imaging Motor Recovery from Focal Ischemic Stroke. CME Lecture presented at the Barrow Neurological Institute Stroke update 2002. Scottsdale, AZ.

09/26/2002 Johnson, SC, Baxter, LC. Functional Neuroimaging In Dementia. Invited lecture at the Dartmouth Neuroscience Symposium. Dartmouth Hitchcock Medical Center, Hanover NH.

11/3/2001 Prigatano, GP and Johnson, SC. Neuroimaging Studies of Recovery. Workshop presented to the National Academy of Neuropsychology. Orlando, FL.

### **Classroom Instruction**

NTP Seminar Subgroup December 2019 to February 2020 7 sessions

NTP 675. Alzheimer's Disease October 2018 1 lecture

Psych 501 Cognition and Society: March 1 2017, 1 lecture

10/23/2016 Brain mapping in AD. Lecture in Neuroscience 675; Brain Mapping in Cognitive Disorders. Course organizer Barb Bendlin, PhD

4/19/2016 IOA T32 lecture Aging and AD

10/23/2014 Imaging in AD. Lecture in Neuroscience 675; Brain Mapping in Cognitive Disorders. Course organizer Barb Bendlin, PhD

10/30/2012 Imaging in AD. Lecture in Neuroscience 675; Brain Mapping in Cognitive Disorders. Course organizer Barb Bendlin, PhD

Fall 2010: Neuroscience 675: Brain Mapping in Cognitive disorders. Tuesday and Thursdays at 2:30 to 4:00. 3 Credits. 19 students enrolled.

Fall 2009 Path 803 AD lecture

Fall 2009 Path 751 AD lecture

Fall 2008 Path 803 AD lecture

Fall 2008 Path 751 AD lecture

Fall 2008: Neuroscience 675. Brain mapping in cognitive disorders . Tuesday and Thursdays at 2:30 to 4:00. 3 Credits. 18 students regularly attend. 5 lectures

Fall 2008: Ethics in Human Subjects. Neuroscience Training Program Subgroup. 8 hours (3 lectures/discussion groups and seminar presentation), 25 students (Aug-Sept 2008).

Spring 2008: Neuroscience and Public Policy Seminar (March, 2008; 2 lectures; 2 hours; 6 students)

Fall 2007: Path 803. Invited lecturer on Alzheimer's Disease (1 hour; 8 students) Nov, 2007

Fall 2007: Neuroscience 675/ Psych 711 Seminar Series: **Functional Imaging of Cognitive Disorders**. Role: Course developer, moderator and lecturer (5 lectures). 3 Credits. (3 after Oct 1, 2007)

January 2007: Neuroscience Training Program Subgroup: Alzheimer Disease. Lecture title: Clinical features and Early Detection. 8 students

Fall 2006: Neuroscience 675/ Psych 711 Seminar Series: **Functional Imaging of Cognitive Disorders**. Role: Course developer, moderator and lecturer. 2 Credits.

Nov 29, 2006. Path 751 Neuropathology of Aging and Age-related Disease. Lecture on Alzheimer Disease: Clinical features and early diagnosis. 8 students

Johnson, SC. Neurobiology 500. Jan 24, 2005.

October 2003. Pathology 751. Cognition and the Aging Brain.

### **Mentoring:**

#### **Primary Mentor for UW Faculty/Staff and VA Scientists**

1. Dane Cook, PhD, VA Career Development Award (CDA); Role: Primary VA mentor (2006-08)
2. Cathy Gallagher, MD, VA CDA; Role: Primary VA mentor (2008-12)
3. Cindy Phalen, RN, PhD, VA CDA; Role: Primary VA mentor (2011-15)
4. Elizabeth D. Leigh, Ph.D., VA CDA; Role: Primary VA mentor (2011-15)
5. Michele Ries, PhD UW ICTR KL2 Scholar Program Role Primary Mentor (2007-2010) and Alz Association New Investigator Award Role: Primary UW mentor (2009-2011)
6. Barbara Bendlin, PhD, Alz Association New Investigator Award Role: Primary UW mentor (2009-2011)
7. Guofan Xu, MD, PhD, Alz Association New Investigator Award Role: Primary UW mentor (2010-2012)
8. Ozioma Okonkwo, PhD, UW Assistant Scientist with NIH training supplement and then K-23 Beeson award. Role: Primary mentor (2011-18)
9. Lisa Bratzke, PhD, UW Assistant Professor K99/R00; and Alz Association New Investigator Grant. (2013-2017)
10. Robert Sanders, MD, UW Assistant Professor (K23 2018-2023; primary mentor)
11. Tobey Betthausen, PhD Assistant professor (Alz Association mentored career award; primary mentor 2018-2021)
12. Leonardo Rivera-Rivera (Alz Association mentored career award; primary mentor 2019-2022)

#### **Primary Mentor for Post-doctoral Scholars**

1. Michele Ries, PhD (2004-2006)
2. Mehul Trivedi, PhD (2005-2007)
3. Guofan Xu, MD, PhD (2006-2008)
4. Barbara Bendlin, PhD, (2007-2009)
5. Auriel Willette, PhD (2010-2012)
6. Ozioma Okonkwo, PhD (2011-2012)
7. Christopher Nicholas, PhD (2013- 2016)
8. Lindsay Clark, PhD (2014- 2017)

9. Kimberly Mueller, PhD (2017-2018)
10. Samantha Allison, PhD (2017-2019)
11. Tobey Betthausen, PhD (2018-2020)
12. Alex Birdsill, PhD (2019-2021)
13. Leonardo Rivera-Rivera, PhD (2019-2022)
14. Lianlian Du, PhD (2023-)

**Primary Mentor for Graduate Students/Thesis Chair:**

1. Donald McLaren, PhD (2006-2010). Neuroscience Training Program
2. Auriel Willette, PhD (2006-2010). Psychology; Co-mentor with Chris Coe
3. Aadhavi Sridharan, MD, PhD 2009-2012). Medical Scientist Training Program (MSTP)
4. Kim Farbota, PhD (2009-2012) Neuroscience Training Program
5. Annie Racine, MA, PhD (2012- 2016) Neuroscience Training Program, NPP
6. Sara Berman, PhD, MD (2014- 2018) Neuroscience Training Program
7. Claire Erikson, PhD (2018-2022) Neuroscience Training Program
8. Karly Cody, PhD (2018-2023) Neuroscience Training Program

**Graduate Student Thesis Committee Member**

Co-mentor: Vamsi Ithapu Computer Science 2012-2018  
Co-mentor: Won Hwa Kim, Computer Science 2012-2018  
Co-mentor: Chris Hinrichs, Computer Science 2009-2012  
Nicholas Vogt, Neuroscience Training Program 2017-2019  
Kimberly Mueller, Com Dis 2015-2017  
Andrew Merluzzi, NTP/NPP 2015-2018  
Patrick Lao, Medical Physics 2015-2017  
Ansel Hillmer PhD, Medical Physics 2010-2014  
Kate Sprecher, Neuroscience Training Program 2013-2017  
John TaeHee Kim, Neuroscience Training Program 2013-2017  
Yun Ding PhD, Neuroscience Training Program 2013-2016  
Christian La PhD, Neuroscience Training Program 2013-2015  
Jeremy Gordon, Medical Physics 2012  
Deborah Kerr PhD, Clinical Psychology, 2012  
Yelena Gueller PhD, Neuroscience Training Program 2012  
Tim Meier PhD, NTP, 2012-2013  
Rachel McKinsey PhD, Medical Physics 2009-2012  
Eric Andersen, Rehabilitation Psychology, 2010-2013  
Ish Amarreh, PhD, Neuroscience Training Program 2011-2013  
Patric Hernandez, Neuroscience Training Program 2011  
Joe Wildenberg MD, PhD, MSTP 2010  
Massih Hamidi MD, PhD, Neuroscience Training Program 2009  
Alan McMillan PhD, Medical Physics, 2007

**Mentoring Committee for UW Faculty**

Barbara Bendlin, PhD 2010-2016  
Vivek Prabhakaran, MD/PhD 2012-2014  
Ozioma Okonkwo, PhD 2013-2017  
Doug Dean, PhD 2020-2024  
JP Yu, MD, PhD 2017-2023  
Kimberly Mueller, PhD, 2019 – 2020

Marcelo Vargas, PhD, 2021 – 2022  
Victoria Williams, PhD, 2021 – present

**Service Activities:**

**Department of Medicine:**

10/13 – 6/14	UWSMPH DOM Research Day committee chair
04/09 – present	Wisconsin ADRC Executive Committee
12/08 – 2/15	UW Dept of Medicine Research Committee
2009	Dept Research Day Steering Committee
09/07 – 07/10	University of Wisconsin Faculty Senate Alternate
09/05 – 08/06	University of Wisconsin Faculty Senate
09/04 – 09/05	University of Wisconsin Faculty Senate Alternate

**UW School of Medicine and Public Health**

2022-present	Team 10 Quantitative Biomarkers committee
2019-2020	Med Physics Chair search committee
3/2017	Medical Physics Academic Review Committee
10/15 – 7/16	Med Physics Chair Search Committee
11/15 – 7/2018	Dept of Radiology Faculty Search Committee
12/11 – 2012	UWSMPH Search Committee for Medical Physics Chair
2009- 2018	ICTR KL2 Scholars program peer review committee
2009 to 2016	ICTR pilot grants reviewer
09/08 – 04/10	UWSMPH Med School Admissions Committee: Medical Scientist Training Program (MSTP) subcommittee
05/05 – 05/08	UWSMPH General Clinical Research Center (GCRC) Advisory Committee (GAC).
06/08 – 06/10	University of Wisconsin CTSC Scientific Review Committee
05/11 – present	Neuroscience Training Program (NTP) Faculty

**University:**

12-13	Ad-hoc Tenure Review committee
07/11 – 12/13	University of Wisconsin Graduate School Biological Sciences Research Committee
05/12	UW-Madison/UW-Milwaukee Intercampus Research Incentive Grants Program; review committee
09/07 – 07/10	University of Wisconsin Faculty Senate Alternate
09/05 – 08/06	University of Wisconsin Faculty Senate
09/04 – 09/05	University of Wisconsin Faculty Senate Alternate

**Wm. S. Middleton Veterans Hospital:**

03/13 – 9/2016	William S. Middleton VA Hospital R&D Chair.
10/04 – 9/2016	William S. Middleton VA Hospital R&D Committee member.

**National:**

10/19 – 2022.	Chair, Imaging Steering Committee for the ADRCs
07/17 – 2018	National ADRC Imaging Biomarkers Workgroup
02/13 – 2017	International Neuropsychological Society Publications Committee
04/10 – 04/11	National Alzheimer's Coordinating Center Publications Committee Chair

- 07/09 – 02/11 International Neuropsychological Society Program Chair, 39<sup>th</sup> Annual Meeting, Boston 2011
- 05/08 – 06/12 American Psychological Association Division 40, Scientific Advisory Committee
- 03/06 – present Alzheimer's Disease NeuroImaging Initiative Steering Committee

Other:

- 08/01 – 08/02 Member, Institutional Review Board (IRB), St. Joseph's Hospital and Medical Center.
- 07/01 – 08/02 Member, Internal Scientific Advisory Council, Arizona Alzheimer Research Center