## S. Duke Han, PhD, ABPP-CN

University of Southern California Date Current: 10/11/24
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## **EDUCATION**

**Duke University** 

Bachelors of Science (Psychology) May 1998 Neuroscience Certificate May 1998

University of Massachusetts Boston

Masters in Clinical Psychology June 2001

Harvard Medical School/Brigham and Women's Hospital

Practicum in Clinical Neuropsychology June 2002

University of Massachusetts Boston

Doctor of Philosophy in Clinical Psychology December 2004

### POST-GRADUATE TRAINING

VA San Diego Healthcare System

Veterans Medical Research Foundation Fellow July 2004-June 2005

University of California San Diego

NIMH T32 Biological Psychiatry & Neuroscience Fellow July 2005-June 2006

National Institute on Aging

Butler-Williams Scholars Program July 2008

### ACADEMIC APPOINTMENTS

University of Southern California January 2016-present Professor of Psychology (with Tenure) January 2021-present Professor of Family Medicine (Secondary) January 2021-present Professor of Neurology (Courtesy) January 2021-present Professor of Gerontology (Courtesy) January 2021-present Professor of Family Medicine (with Tenure) June 2020-December 2021 Associate Professor of Family Medicine January 2016-May 2020 Rush Alzheimer's Disease Center/Rush University Medical Center February 2014-present

Visiting Professor of Psychiatry & Behavioral Sciences 2021-present Visiting Associate Professor of Psychiatry & Behavioral Sciences 2016-2021

Associate Professor of Behavioral Sciences (with Tenure) February 2014-December 2015

### ADMINISTRATIVE APPOINTMENTS

Editor-In-Chief, The Journal of Gerontology: Psychological Sciences	2024-2028
Co-Lead, Research and Education Core, USC Alzheimer's Disease Research Center	2024-2025
Representative for APA Division 40, APA Council of Representatives	2024-2027
Co-Chair, INS Dementia Special Interest Group	2022-2024
Ad-hoc Member, Dornsife Appointments, Promotions, & Tenure (APT) Committee	2023
Chair, USC Department of Family Medicine APT Committee	2020-2023
Representative, USC Keck School of Medicine Faculty APT Committee (FAPTC)	2019-2023
Director, USC Neuropsychology Division in Family Medicine	2016-2023
Co-Assistant Director of Psychology Training, VA Long Beach Healthcare System	2015
Director of Neuropsychology Clinics & Training, VA Long Beach Healthcare System	2012-2015

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# **LICENSURE**

 California
 PSY25372
 2012-present

 Illinois
 71.007085
 2007-2013

# **BOARD CERTIFICATION**

American Board of Professional Psychology: Clinical Neuropsychology 51771 2011-present

# HONORS, AWARDS, & ACHIEVEMENTS

Selected Editor-In-Chief, <i>The Journal of Gerontology: Psychological Sciences</i> Elected APA Council Representative, Society for Clinical Neuropsychology Elected Co-Chair, INS Dementia Special Interest Group	2023 2023 2022
Invited Member, APA Presidential Task Force on Neuropsychological Test Norming In Diverse Populations	2022-2024
Visiting Professor, UCSF Division of Geriatrics	2023
Delegate and Team Co-Leader, Minnesota Update Conference on Education &	2022
Training in Clinical Neuropsychology	
Elected Fellow, National Academy of Neuropsychology	2022
Scientific Advisory Board, Alzheimer's Disease Neuroimaging Initiative (ADNI)	2022-present
Invited Member, Milken Institute Alliance to Improve Dementia Care	2022
Nationally ranked #3 in NIH funding in Family Medicine	2022
Ad-hoc Chair, NIH/NIA Paul B. Beeson Fellows Review Committee	2022
Elected Fellow, American Psychological Association	2021
Executive Board Member, Aging Research in Criminal Justice Health (ARCH)	2021-present
Granted Tenure by the President and Provost of USC	2020
Selected for Healthcare Leadership Academy, Keck School of Medicine of USC	2019-2020
Oral Examiner, American Board of Clinical Neuropsychology (ABCN)	2016-2022
Founding Governance Committee Member, AARP Global Council on Brain Health	2015-present
Blue Ribbon Award, APA Society for Clinical Neuropsychology	2019
Formal Member, NIH/NIA Career Development for Established Investigators	2021-2024
& Conference Grants Study Section (AGCD-4)	
Chair of Review, NIH/NIA Clinical & Translational Research of Aging Review	2020-2021
Committee (NIA-T)	
Chair of Review, NIH/NIA Neuroscience of Aging Review Committee (NIA-N)	2019-2020
Moderator, Aging and Sociodemographic Factors Paper Session, 47th Annual	2019
Meeting of the International Neuropsychological Society in NY, NY	
Ad-hoc Chair, NIH/NIA Neuroscience of Aging Review Committee (NIA-N)	2018
Formal Member, NIH/NIA Neuroscience of Aging Review Committee (NIA-N)	2018-2020
Moderator, Alzheimer's Disease Paper Session, 46th Annual Meeting of the	2018
International Neuropsychological Society in Washington, D.C.	
Clinical Scholar Designation, President of USC	2017
Graduate Student Organization Honoree, Wayne State University Institute of	2016
Gerontology	
Visiting Professor in Elder Abuse, Weill Cornell Medical College, NY, NY	2015
Best Poster Finalist, Alzheimer's Imaging Consortium, Alzheimer's Association	2015
Paul B. Beeson Award for Aging Research, NIH/National Institute on Aging	2012-2017
Blue Ribbon Award, APA Society for Clinical Neuropsychology	2012
Nelson Butters Award, International Neuropsychological Society	2006
Elected Chief Intern, UCSD Clinical Psychology Internship Class	2003-2004

# **TEACHING**

University of Southern California

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Clinical Accessor of (DCVCF1F) Develop-	2024
Clinical Assessment (PSYC515), Psychology Primary Instructor, 4 hours per week	2024-present
Gerontology Directed Research (GERO490), Gerontology	2024
Primary Instructor, 3 hours per week	2021
Neuroaffective Disorders of Aging (GERO415), Gerontology Guest Lecture, 6 hours	2023, 2024
Neuroaffective Disorders of Aging (GERO415), Gerontology	2022, 2020, 2018
Primary Instructor, 3 hours per week Advanced Overview of Neuroscience II (NEUR525), Neuroscience Graduat Program, Guest Lecture, 2 hours	e 2022
Neurorehabilitation Seminar Series, Biokinesiology and Physical Therapy Guest Lecture, 1 hour	2022
Current Topics in Neuroimaging Informatics, Neuroimaging Informatics  Masters Program, 1 hour	2021
Advanced Practicum in Clinical Psychology: Clinical Aging & Lifespan (PSYC695), Psychology, Guest Lecture, 2 hours	2021
Current Research in Alzheimer's Disease and Related Dementias, Gerontology, Guest Lecture, 2 hours	2019
Responsible Conduct of Research (INT500), Keck School of Medicine Mentor, 1 hour per week	2017
Practicum in Assessment (PSYC585B), Psychology, Primary Instructor 3 hours per week	2017
Health Promotion and Disease Prevention, Guest Lecture, 2 hours	2016
Psychology of Aging, Gerontology, Guest Lecture, 2 hours	2013
VA Long Beach Healthcare System	
Neuropsychology Seminar, Primary Instructor, 1 hour per week	2012-2015
Neuropsychology Clinical Case Conference, Primary Instructor,  1 hour per week	2013-2015
Neuropsychology Journal Club, Primary Instructor, 1 hour per week	2013-2015
Rush University Medical Center	
Neuroepidemiology Seminar, Guest Lecture, 1 hour	2013
Neurobiology, Guest Lecture, 1 hour	2010-2012
Psychological Testing, Guest Lecturer, 1 hour	2009-2012
M1 Physicianship, Section Instructor, 1 hour per week	2009-2012
M2 Physicianship, Section Instructor, 1 hour per week	2010-2012
Loyola University Chicago	
Cognitive Psychology, Primary Instructor, 3 hours per week	2007-2012
Neuropsychological Assessment (PhD program), Primary Instructor, 3 hours per week	2008-2010
Neuropsychology (PhD program), Primary Instructor, 3 hours per week	2007-2009
Ethics in Clinical Psychology (PhD program, Primary Instructor, 3 hours per week	2009
Developmental Research Methods, Guest Lecture, 1 hour	2008
Medical Neuroscience, Guest Lecture, 1 hour	2008
Memory, Guest Lecture, 1 hour	2008
Philosophy of Science, Guest Lecture, 2 hours	2007
Cognitive Neuroscience, Guest Lecture, 1 hour	2007
Neuroscience Seminar, Guest Lecture, 1 hour	2006-2012

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San Diego State University

	Sensation and Perception	n, Primary Instructor, 3 hours per week	2005-2006
Univers	sity of Massachusetts Bost	on	
	Abnormal Psychology, Pi	rimary Instructor, 3 hours per week	2002-2003
MENTORSHIP			
Faculty			
	Annie Nguyen, PhD <sup>1,2</sup> Kristan Leech, PhD <sup>3</sup> Gali Weissberger, PhD <sup>5</sup> Jeanine Cho, PhD <sup>11</sup> Iony Ezawa, PhD	Associate Professor, UCSD Assistant Professor, USC Senior Lecturer, Bar Ilan University Assistant Professor, USC Assistant Professor, USC	2016-present 2020-present 2021-present 2024-present 2024-present
Post-Do	octoral Fellow		
	Kathy Zebracki, PhD Jill Zukerman, PhD Emily Edmonds, PhD <sup>4</sup> Vanessa Zizak, PhD Tim O'Brien, PhD Kim Baerresen, PhD Gali Weissberger, PhD <sup>5</sup> Joseph Saenz, PhD <sup>6</sup> Jenna Axelrod, PhD Jeanine Cho, PhD Aaron Lim, PhD <sup>5</sup>	Director of Psychology, Shriners Hospital Assistant Professor, Duke University Neuropsychologist, Banner Alzheimer's Institute Staff Neuropsychologist, VA Long Beach Assistant Professor, UC Irvine Private Practice Senior Lecturer, Bar Ilan University Assistant Professor, Arizona State University Staff Scientist, USC Postdoctoral Fellow, USC Postdoctoral Fellow, USC	2007-2009 2009-2010 2010-2012 2012-2013 2013-2015 2014-2016 2017-2020 2018-2020 2019-2021 2022-2024 2021-2024
Gradua	te		
	Erica Luboyeski Elizabeth Tuminello <sup>7</sup> Jana Wingo Hideo Suzuki Erica Luboyeski Leslie Guidotti Phillip Ruppert Emily Edmonds Michael Brook Megan Gomez Kayleigh Hale Bruna Martins Morgan Goodman Nikki Windisch <sup>8,9</sup> Devika Chandramohan <sup>8</sup> Amaryllis Tsiknia A.M. Foran Victoria Tennant Laura Fenton <sup>10,12</sup> Daisy Noriega Jackeline Tafur-Oviedo Cassidy Molinare Jillian Joyce	Loyola University Chicago Loyola University Chicago Loyola University Chicago Rush University Medical Center VA Long Beach Healthcare System VA Long Beach Healthcare System VA Long Beach Healthcare System Keck School of Medicine of USC Loyola University Medical School Keck School of Medicine of USC Neuroscience PhD Program, USC University of Adelaide, Australia Neuroscience PhD Program, USC Clinical Psychology PhD Program, USC Biokinesiology PhD Program, USC Clinical Psychology PhD Program, USC Clinical Psychology PhD Program, USC Neuroscience PhD Program, USC	2006-2008 2007-2008 2007-2009 2008-2009 2009-2010 2010-2011 2010-2011 2010-2011 2012-2013 2012-2013 2014-2015 2017-2019 2020 2023-present 2021-present 2021-present 2024-present 2024-present 2024-present 2024-present 2024-present

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- <sup>1</sup>NIH R25 Mentee (R25MH108389: UCSD Sustained Training on Aging and HIV Research [STAHR] Program)
- <sup>2</sup>NIH K01 Career Development Award Recipient (K01AG064986), Role: Primary Mentor (became secondary mentor when moved to UCSD)
- <sup>3</sup>NIH K01 Career Development Award Recipient (K01AG073467), Role: Primary Mentor
- <sup>4</sup>Department Manuscript of the Year Award Recipient, VA Career Development Award Recipient
- <sup>5</sup>NIH T32 Postdoctoral Fellowship Recipient (T32AG000037-39S1), Role: Primary Preceptor
- 6NIH K99/R00 Career Development Award Recipient (K99AG058799), Role: Mentor
- <sup>7</sup>PhD Recommended for Distinction
- 8NIH/NIA/UCLA MSTAR Recipient
- <sup>9</sup>Murray H. Neidorf MSTAR Scholar Award Recipient
- <sup>10</sup>Gerald Davidson Award for Excellence in Scientific Writing
- <sup>11</sup>NIH KL2 Awardee
- <sup>12</sup>Gold Family Fellowship Awardee

### **SERVICE**

## Hospital or Medical Group

Keck Medicine of USC	Director, Neuropsychology Division	2016-2020
VA Long Beach Healthcare	Staff Clinical Neuropsychologist	2012-2015
Rush University Medical Center	Staff Clinical Neuropsychologist	2009-2012
Loyola University Medical Center	Staff Clinical Neuropsychologist	2007-2009

## University (USC unless otherwise noted)

Iony D. Ezawa, PhD, Junior Faculty Mentoring Committee	2024-present
Department of Gerontology Promotions Committee	2024-2025
Department of Psychology Promotions Committee	2024-2025
Alzheimer's Disease Research Center Research and Education Core,	2024-2025
Co-Leader	
Dornsife Committee on Appointments, Promotions, & Tenure (DCAPT)	2023
Association of Neuropsychology Students& Trainees (ANST) local chapter,	2021-present
Sponsor (2024-present); Co-Sponsor (2021-2024)	
Faculty Environment & Employment Committee, Academic Senate	2020
Keck School of Medicine Faculty Appointments, Promotions, & Tenure	2019-2023
Committee (FAPTC), Department Representative	
Colloquium Committee, Chair (Rush University Medical Center)	2009-2010
Department Committee on Diversity Affairs (Loyola University Chicago)	2006-2009

## Professional

Student Mentoring Session, INS Mid-Year International Meeting	2024
Editor-In-Chief, The Journal of Gerontology: Psychological Sciences	2024-2028
Representative of Division 40, APA Council of Representatives	2024-2027
Scientific Advisory Board, Alzheimer's Disease Neuroimaging Initiative	2022-present
Co-Chair, INS Dementia Special Interest Group	2022-2024
Delegate and Team Leader, Minnesota Update Conference on Education	2022
& Training in Clinical Neuropsychology	
Advisor, Asian Neuropsychological Association Research Committee	2022-present
Invited Member, Milken Institute Alliance to Improve Dementia Care	2022-present
Research to Practice Panel, National Center on Elder Abuse	2022-present
Executive Board Member, Aging Research in Criminal Justice Health	2021-present
(ARCH) Network	
INS Annual Meeting Executive Committee	2020
INS Annual Meeting Program Committee	2016-present
Oral Examiner, American Board of Clinical Neuropsychology	2016-2022
Inaugural Governance Committee, AARP Global Council on Brain Health	2015-present

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Publications Committee, National Academy of Neuropsychology	2014-2019
Planning Committee, Paul B. Beeson Fellowship Annual Meeting	2014, 2016
Continuing Education Committee, INS	2012-present
Society for Clinical Neuropsychology Program Committee	2011-present
Applicant Mentor, American Board of Clinical Neuropsychology	2011-2016
Student Mentor, APA Division 40 Ethnic Minority Affairs Committee	2005-2010

## PROFESSIONAL SOCIETY MEMBERSHIPS

Asian Neuropsychological Association (ANA)	2021-present
Gerontological Society of America (GSA)	2020-present
American Psychological Society (APS)	2019-2020
International Society to Advance Alzheimer's Research and Treatment (ISTAART)	2016-present
National Academy of Neuropsychology (NAN)	2013-present
American Academy of Clinical Neuropsychology (AACN)	2011-present
International Neuropsychological Society (INS)	2003-present
APA Division 40: Society for Clinical Neuropsychology (SCN)	2002-present
American Psychological Association (APA)	2000-present

## **COMMUNITY SERVICE**

Elder, Voice Church in Tustin, CA	2024-present
World Vision Orange County Half-Marathon Fundraiser	2023
Senior Food Delivery During COVID-19 Pandemic, City of Anaheim	2020
Free Farmers Market Food Bank	2015-2019
Greater Los Angeles Food Bank	2016-2017
Team Leader, Food Allergy Research & Education, Food Allergy Walk	2007-2017
Greater Chicago Food Depository, Walk for Hunger	2007-2012
Teacher, Thailand/Burma border refugee camp	2004
Team Leader, Duke University Project BUILD	1994-1998

## **EDITORSHIPS AND EDITORIAL BOARDS**

Editor-In-Chief, The Journal of Gerontology: Psychological Sciences	2024-2028
Associate Editor, Frontiers in Human Neuroscience	2021-2022
Editorial Board, Archives of Clinical Neuropsychology	2016-2023
Associate Editor, Journal of Alzheimer's Disease	2016-2021

## **AD-HOC REVIEW**

Alzheimer's and Dementia

Alzheimer's Disease and Associated Disorders

Alzheimer's Research and Therapy

American Journal of Public Health

Archives of Clinical Neuropsychology

Archives of General Psychiatry

Behavioural Brain Research

Behavior Genetics

Biological Psychiatry

Brain

Brain Imaging and Behavior

Brain Structure and Function

BMJ Open

Cerebral Cortex

The Clinical Neuropsychologist

Current Alzheimer's Research

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Dementia and Geriatric Cognitive Disorders

European Journal of Neurology

Experimental Brain Research

Frontiers Human Neuroscience

The Gerontologist

Gerontology

Human Brain Mapping

Journal of Aging and Health

Journal of Alzheimer's Disease

Journal of Alzheimer's Research

Journal of Clinical and Experimental Neuropsychology

Journal of Elder Abuse and Neglect

*Journal of Gerontology: Psychological Sciences* 

Journal of the American Geriatrics Society

Journal of the American Medical Association (JAMA)

Journal of the American Medical Association (JAMA) Internal Medicine

Journal of the American Medical Association (JAMA) Neurology

Journal of the International Neuropsychological Society

The Lancet Healthy Longevity

Nature Aging

Neurobiology of Aging

Neurology

Neurology India

Neuropsychologia

Neuropsychology

Neuropsychology Review

Neuropsychopharmacology

Neuroscience

Neuroscience and Biobehavioral Reviews

Neurosciences and Neuroeconomics

Proceedings of the National Academy of Sciences of the United States of America

Psychiatry Research

Psychiatry Research: Neuroimaging

Psychology and Aging

Psychopharmacology

Schizophrenia Research

Social Science & Medicine

Technology, Mind, and Behavior

WIREs Cognitive Science

# **GRANT REVIEW**

NIH/NIA AGCD4; Member (2024 February, 2023 October, 2023 June, 2023 February, 2021 October)

ADNI-HABS-HD Health Equity Scholars Program (2024, 2023)

NIJ Office of Justice Programs (2023)

NIH/NIA ZAG1 ZIJ-6 Beeson Fellowship (2022 February, 2021 May, 2019 January, 2018 January, 2017 February, 2016 May)

NSF Decision, Risk, & Management Sciences Program (2021 February, 2020 March)

NIH/NIA NIA-T; Chair of Review (2021 January, 2020 September, 2020 June)

NIH/NIA NIA-N; Chair of Review (2020 January, 2019 June, 2019 February), Member (2018 June, 2018 February, 2017 October, 2017 June, 2017 February, 2016 June, 2016 February, 2015 October)

NIH ZAG1 ZIJ-1 MSTEM (2018 February, 2016 June, 2015 March)

NIH ZAG1 ZIJ-9 RCMAR (2017 October)

NIH ZRG1 BDCN A (2017 March, 2016 July, 2016 March, 2014 May)

Alzheimer's Association (2007-2010)

DoD DMRDP (2009)

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DoD Army MRP (2009)

DoD TBI/PTSD Intramural Review (2008

DoD TBI/PTSD Extramural Cognitive Rehab Review (2007)

## **GRANT SUPPORT - CURRENT**

K24AG081325 (S. Duke Han)

2023-2028

NIH Research Project Grant Program

Mid-Career Development and Mentoring on Financial Vulnerability and Alzheimer's Disease

The goal of this project is to mentor trainees and conduct studies of financial vulnerability and Alzheimer's Disease in large cohort studies of aging.

Role: PI, 50% time

Total Direct Costs: \$932,972

U24AG082022 (Richard Gershon & Sandra Weintraub)

2023-2028

NIH Research Project Grant Program

Advancing Reliable Measurement in Aging and Decision-making Ability (ARMADA II)

The goal of this project is to create a network of decision making scientists to develop and test a measure of decision making that can be used in research studies of aging.

Role: Co-I, 10-20% time Total Direct Costs: \$4,741,455

R01AG068166 (S. Duke Han)

2021-2026

NIH Research Project Grant Program

Finance, Cognition, and Default Network in Aging

The overall goal of this study is to examine the association of financial exploitation in old age with markers of Alzheimer's Disease.

Role: PI, 30% time

Total Direct Costs: \$2,889,159

R24AG076847 (Kendra Seaman)

2022-2027

NIH Research Project Grant Program

Research Network on Decision Neuroscience and Aging

The overall goal of this grant is to continue supporting the multidisciplinary Scientific Research Network on Decision Neuroscience and Aging (SRNDNA).

Role: Co-I, 2% time

Total Direct Costs: \$1,194,930

R01AG055430 (S. Duke Han)

2017-2024

NIH Research Project Grant Program

Racial Differences in Decision Making among Older Adults

The goal of this project is to determine the behavioral and neuroimaging factors that mediate or moderate racial differences in decision making.

Role: PI, 30% time

Total Direct Costs: \$3,137,439

P30AG066530 (Helena Chui)

2024-2025

NIH Research Project Grant Program Alzheimer's Disease Research Center

The goal of this project is run the Alzheimer's Disease Research Center at the University of Southern California.

Role: Co-Leader Research Education Core, 2.5% time

Total Direct Costs: \$2,827,204

R01AG056405 (Lisa Barnes)

2018-2024

NIH Research Project Grant Program

S. Duke Han, PhD, ABPP-CN Page 8 of 32 MRI Markers of Brain Aging and Risk Factors for Cognitive Decline in Older African Americans

The goal of this project is to determine neuroimaging markers of cognitive decline and brain aging among older African American adults.

Role: Co-I, 10% time (in 2021-2024) Total Direct Costs: \$2,448,926

R01AG059613 (Marian Betz)

2019-2024

NIH Research Project Grant Program

Decision-Making Among Older Adults: The AUTO Study

The goal of this project is to investigate the efficacy of a decision making tool to help older adults make decisions about driving and to examine the impact of cognitive impairment.

Role: Co-I, 5-8% time

Total Direct Costs: \$2,499,978

R01AG064228 (Daniel Nation)

2019-2024

NIH Research Project Grant Program

Endothelial Progenitor Cells and Neurovascular Injury in the Aging Brain

The goal of this project is to investigate the association of endothelial progenitor cells with neurovascular injury in old age.

Role: Co-I, 10% time

Total Direct Costs: \$2,287,270

R01AG060049 (Daniel Nation)

2019-2024

NIH Research Project Grant Program

Cerebrovascular Resistance in Cognitive Aging and Alzheimer's Disease Risk

The goal of this project is to investigate the association of cerebrovascular resistance with Alzheimer's Disease risk.

Role: Co-I, 5% time

Total Direct Costs: \$1,850,466

### **GRANT SUPPORT - PAST**

007710-0001 (S. Duke Han)

2017-2023

**Elder Justice Foundation** 

Finance, Cognition, and Health in Elders Study (FINCHES) Pilot Phase

The goal of this project is to develop a pilot study to investigate the behavioral and neuroimaging factors associated with financial exploitation in old age.

Role: PI, 4% time

Total Direct Costs: \$84,191

R01AG055770 (Hussein Yassine)

2017-2022

NIH Research Project Grant Program

Cholesterol Efflux in Alzheimer's Disease

The goal of this project is to determine whether cerebrospinal fluid biomarkers of cholesterol are associated with cognitive decline and dementia.

Role: Co-I, 5-10% time

Total Direct Costs: \$2,825,692

R21AG064776 (Younggang Shi)

2019-2022

NIH Research Project Grant Program

Tau-associated pathological changes in reward networks for the prediction of neuropsychiatric symptoms in Alzheimer's disease

The goal of this project is to investigate the link between tau pathology in reward networks and neuropsychiatric symptoms in Alzheimer's Disease.

Role: Co-I. 5% time

Total Direct Costs: \$275,000

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2016-ZD-CX-K008 (Kathleen Wilber/Zach Gassoumis)

2017-2021

NIJ Research Project Grant Program

Piloting a Comprehensive Caregiver Intervention: A Pathway to Preventing Elder Mistreatment The goal of this study is to develop and test an intervention for elder abuse within a health system.

Role: Co-I, 2% time (8% 2017-2018 during planning phase)

Total Direct Costs: \$1,099,503

Grant No. Unknown (S. Duke Han)

2018-2020

**Cathay Bank Foundation** 

Finance, Cognition, and Health in Elders Study (FINCHES) Pilot Phase

The goal of this project is to support faculty time to investigate factors associated with financial exploitation in old age.

Role: PI, 1-2% time

Total Direct Costs: \$15,000

R01HL112756 (Stephanie Crowley)

2014-2019

NIH Research Project Grant Program

Teen School-Night Sleep Extension: An Intervention Targeting the Circadian System

The goal of this project is to test the efficacy of a sleep intervention for teens on cognitive function and wellbeing.

Role: Co-I, 5% time

Total Direct Costs: \$3,114,143

K23AG040625 (S. Duke Han)

2012-2017

Paul B. Beeson Career Development Award in Aging Research

Neural Correlates of Impaired Financial & Health Care Decision-Making in Old Age

Role: PI, 75% time

Total Direct Costs: \$801,785

K23AG040625-03S1 (S. Duke Han)

2014-2015

NIH Admin Supplements for Aging Research on Health Disparities

Neural Correlates of Impaired Financial & Health Care Decision-Making in Old Age

Role: PI, included in 75% time of parent grant

Total Direct Costs: \$62,476

Grant No. Unknown (S. Duke Han)

2012-2013

Illinois Department of Public Health

Brain Imaging of Impaired Financial & Health Care Decision-Making in Old Age

Role: PI, 20% time

Total Direct Costs: \$27,082

BR 07-15 (S. Duke Han)

2007-2010

American Cancer Society Research Grant

Non-Hodgkin's Lymphoma Without CNS Involvement Effects of Treatment in an Older Sample

Role: PI, 15% time

Total Direct Costs: \$246,291

P30AG10161 (S. Duke Han)

2009-2010

National Institutes of Aging

Functional Neuroimaging of Compensatory Mechanism Recruitment by APOE Genotype

Role: PI, 5% time

Total Direct Costs: \$30,000

Grant No. Unknown (S. Duke Han)

2009

Loyola University Chicago Office of Research Services

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**Executive Functioning Correlates of College Adjustment** 

Role: PI, 5% time

Total Direct Costs: \$6,000

Grant No. Unknown (S. Duke Han)

2008-2009

Loyola University Chicago Office of Research Services Neurochemical Effects of Exposure to Aggression

Role: PI. 10% time

Total Direct Costs: \$6,000

Grant No. Unknown (S. Duke Han)

2008

Loyola University Chicago Office of Research Services

Functional Neuroimaging of Compensatory Mechanism Recruitment by APOE Genotype

Role: PI, 10% time

Total Direct Costs: \$6,000

Grant No. Unknown (S. Duke Han)

2007

Loyola University Chicago Office of Research Services

The Role of Strategy, Repetition, and Genetic Factors in Face-Name Associative Memory

Role: PI, 10% time

Total Direct Costs: \$6,000

NIH T32 Postdoctoral Fellowship in Biological Psychiatry and Neuroscience 2005-2007

National Institute of Mental Health

The Influence of Age and APOE Genotype on Face-Name Associative Memory

Role: Project PI, 100% time

Fellowship Grant for Research in Mental Illness

2003

Stanley Foundation

fMRI of Semantic Priming in Schizophrenia

Role: PI, 30% time

Fellowship Grant for Research in Mental Illness

1999-2000

1997

**Stanley Foundation** 

Computer Simulation of Word Recall in Schizophrenia

Role: PI, 30% time

Summer Undergraduate Research Fellowship

Columbia Michael Reese Hospital

Consistency of Thought Disorder on a Longitudinal Basis

Role: Project PI, 30% time

# INVITED LECTURES, SYMPOSIA, KEYNOTE ADDRESSES

1998

• Consistency of thought disorder in Schizophrenia on a longitudinal basis. Presented at the 70th Annual Meeting of the Midwestern Psychological Association in Chicago, Illinois.

2005

 Associative memory in chronic schizophrenia: Converging evidence from computer modeling and fMRI. Invited oral presentation for the Cognitive Neuroscience Seminar of Columbia University Medical School, New York, NY.

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 Verbal paired-associate learning by APOE genotype in nondemented adults: fMRI evidence of a right hemispheric compensatory response. Invited presentation for the UCSD/VMRF Laboratory of Cognitive Imaging (LOCI) Neuroimaging Seminar, San Diego, CA.

### 2006

 Verbal paired-associate learning by APOE genotype in non-demented adults: fMRI evidence of a right hemispheric compensatory response. Invited presentation for the Behavioral Neuroscience Seminar of the University of Illinois at Chicago Medical Center in Chicago, IL.

## 2007

• Revision of the Apolipoprotein E compensatory hypothesis: Lifespan and neuroimaging considerations. Invited presentation for the Boston University Alzheimer's Disease Center Seminar Series at the Boston University Medical Center in Boston, MA.

## 2009

 Revision of the apolipoprotein E neurocognitive compensation hypothesis and applications to clinical research. Invited presentation for the Division of Cognitive and Behavioral Neurology, Departments of Psychiatry and Neurology, Brigham and Women's Hospital, Harvard Medical School.

## 2010

• Revision of the apolipoprotein E compensatory mechanism neural recruitment hypothesis: Lifespan and neuroimaging considerations. Invited presentation for the Department of Psychiatry, University of California San Francisco.

### 2011

- Neuropsychological considerations in concussion. Invited presentation for the symposium "Diagnosis and Treatment of Sports Concussions" in Chicago, IL
- Connectivity, Compensation, and Cognition: Lessons Learned from Schizophrenia, Aging, and Traumatic Brain Injury Research. Invited presentation for the Department of Psychiatry, University of Illinois Chicago School of Medicine, in Chicago, IL.
- The APOE antagonistic pleiotropy hypothesis: Neurocognitive and neuroimaging considerations. Invited presentation for the VA Madison GRECC/University of Wisconsin Alzheimer's Disease Research Center Seminar Series in Madison, WI.
- Connectivity, Compensation, and Cognition: Lessons Learned from Schizophrenia and Aging Research.
   Invited presentation for the Department of Psychology, San Francisco State University, in San Francisco, CA.
- Connectivity, Compensation, and Cognition: Lessons Learned from Schizophrenia and Aging Research.
   Invited presentation for the Department of Psychiatry, University of California San Diego, in San Diego,
- Connectivity, Compensation, and Cognition: Lessons Learned from Schizophrenia, Aging, and Traumatic Brain Injury Research. Invited presentation for the Department of Psychiatry, University of Hawaii John A. Burns School of Medicine, in Honolulu, HI.
- Resting-state fMRI of Social Neuroscience in Old Age. Invited talk for the symposium "Social Neurosciences Studies in the Religious Orders Study and the Memory and Aging Project" of the 2011 Von Economo Neurons Meeting at Howard University, in Washington, DC.

### 2012

• The APOE antagonistic pleiotropy hypothesis. Invited presentation for the NIBBL lecture series at the University of California Los Angeles, in Los Angeles, CA.

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- Decision-Making and the Adolescent Brain. Invited plenary presentation for the Adolescent Health Issues Conference at North Park University, in Chicago, IL.
- The APOE antagonistic pleiotropy hypothesis. Invited presentation for the Alzheimer's Disease Research Forum (ADRF) at the University of California Los Angeles, in Los Angeles, CA.
- The APOE antagonistic pleiotropy hypothesis. Invited presentation for the Memory Impairment Neurological Disorders (MIND) Institute seminar at the University of California Irvine, in Irvine, CA.
- Neural correlates of decision making in old age. Invited presentation for the Alzheimer's Disease Research Forum (ADRF) at the University of California Los Angeles, in Los Angeles, CA.
- Interdisciplinary approaches to the clinical neuroscience of aging. Invited presentation for the Alzheimer's Disease Research Center at the University of Southern California, in Los Angeles, CA.

### 2014

- Interdisciplinary approaches to the clinical neuroscience of aging. Invited colloquium lecture at San Diego State University in San Diego, CA.
- Interdisciplinary approaches to the clinical neuroscience of aging. Invited lecture at the Shiley-Marcos Alzheimer's Disease Research Center of the University of California San Diego in San Diego, CA.

## 2015

- Connecting the lines: fostering cultural competency at the intersection of diversities. Invited discussant on collaborative programming for the 123rd Annual APA Convention, in Toronto, Canada.
- Disparities in financial and healthcare decision making in old age. Invited talk for the Task Force on Minority Aging and Health Disparities meeting of the National Advisory Council on Aging, National Institutes of Health/National Institute on Aging, in Bethesda, MD.
- Neural correlates of impaired financial and healthcare decision making in old age. Invited lecture at the Department of Geriatrics, Weill Cornell Medical Center in New York City, NY.
- Neural correlates of impaired financial and healthcare decision making in old age. Invited lecture at AARP Headquarters, in Washington, D.C.
- Macrostructure and functional connectivity associations of cognitive decline and impairment in old age.
   Invited symposium lecture at the American Society of Neuroradiology (ASNR) 53rd Annual Meeting in Chicago, IL.

### 2016

- Connecting the lines: fostering cultural competency at the intersection of diversities. Invited discussant on collaborative programming for the 123rd Annual APA Convention, in Toronto, Canada.
- Disparities in financial and healthcare decision making in old age. Invited talk for the Task Force on Minority Aging and Health Disparities meeting of the National Advisory Council on Aging, National Institutes of Health/National Institute on Aging, in Bethesda, MD.
- Neural correlates of impaired financial and healthcare decision making in old age. Invited lecture at the Department of Geriatrics, Weill Cornell Medical Center in New York City, NY.
- Neural correlates of impaired financial and healthcare decision making in old age. Invited lecture at AARP Headquarters, in Washington, D.C.
- Macrostructure and functional connectivity associations of cognitive decline and impairment in old age.
   Invited symposium lecture at the American Society of Neuroradiology (ASNR) 53rd Annual Meeting in Chicago, IL.

## 2017

• Financial and health decision making in old age: neuropsychology, neuroimaging, and race considerations. Invited lecture for the Continuing Education Program for the 45th Annual Meeting of the International Neuropsychological Society in New Orleans, LA.

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- Financial and health decision making in old age: neuropsychology, neuroimaging, and race considerations. Invited lecture for the Brown Bag Series in the USC Department of Psychology in Los Angeles, CA.
- A day in the life of an academic clinical researcher. Invited lecture for the Postdoctoral Fellowship Seminar Series of the Mental Health Service of the VA Long Beach Healthcare System.
- Cognitive decline and financial decision making in old age. Invited lecture for the Joining Forces to Improve the Representative Payee Program meeting sponsored by the Social Security Advisory Board in the National Archives Museum in Washington, D.C.
- Graph theory approaches to susceptibility to scams in old age: preliminary results. Invited lecture for the 8th Annual ROS/MAP Investigators Meeting of the Rush Alzheimer's Disease Center in Chicago, IL.
- Neuroimaging dementia. Invited lecture for the GWEP Caregiver Wellness Day in the USC Department of Family Medicine in Alhambra, CA.
- Neural correlates of financial decision making in old age. Invited lecture for the Elder Justice Iniative's Forensic Research Webinar of the U.S. Department of Justice.
- The Way Forward Part 2. Invited plenary lecture for the Gulf Coast Elder Abuse Conference hosted by the St. Tammany Seniors and Law Enforcement Together (SALT) Council in Slidell, LA.
- Brain changes as we age. Invited lecture for the Gulf Coast Elder Abuse Conference hosted by the St. Tammany Seniors and Law Enforcement Together (SALT) Council in Slidell, LA.
- Neuroimaging of impaired decision making in old age. Invited lecture for the Gulf Coast Elder Abuse Conference hosted by the St. Tammany Seniors and Law Enforcement Together (SALT) Council in Slidell, I.A.
- Neural correlates of financial and health decision making in old age. Invited lecture for the first annual worshop of the UCSD Sustained Training on Aging and HIV Research (STAHR) Program in San Diego, CA.
- Financial and health decision making in old age: Neural correlates and race considerations. Invited lecture for the Behavioral Neurology and Dementia Conference in the USC Department of Neurology in Los Angeles, CA.
- Neural correlates of financial and healthcare decision making in old age. Invited lecture for the annual Beeson Scholars Meeting hosted by the American Federation for Aging Research in Santa Ana Pueblo, NM
- Neural correlates of financial decision making in old age. Invited lecture for the American Federation for Aging Research Board of Directors December 5th meeting in New York, NY.

- Detectable neuropsychological differences in early preclinical Alzheimer's Disease. Invited lecture for the 46th Annual Meeting of the International Neuropsychological Society (INS) in Washington, D.C.
- Alzheimer's Disease Paper Session. Selected as moderator for oral presentation session on Alzheimer's Disease topics for the 46th Annual Meeting of the International Neuropsychological Society (INS) in Washington, D.C.
- Financial Decision-Making in Old Age: A Cognitive Perspective. Invited lecture for the Palisades Alliance for Seniors Program in Pacific Palisades, CA.
- Neural correlates of financial decision making in old age. Invited to give a lecture and participate in the workshop titled "Our Aging Brains: Decision-making, Fraud, and Undue Influence" hosted by the Harvard MGH Center for Law, Brain, and Behavior at Harvard Law School in Cambridge, MA. Link to video of lecture: https://vimeo.com/267818433/503fb07b73#t=2m14s
- Neuropsychology and neuroimaging of financial decision making in old age. Invited lecture for neuropsychology seminar at the VA Long Beach Healthcare System.
- Financial decision making in old age. Invited lecture for the second annual worshop of the UCSD Sustained Training on Aging and HIV Research (STAHR) Program in San Diego, CA.
- Invited to be a mentor to junior faculty from around the country for the "Forming Science-Industry Research Collaborations" workshop hosted by the Stanford Center for Longevity in Stanford, CA.
- Neuroscience of aging. Invited lecture for the "Advancing Trauma-Informed Responses to Elder Abuse: Practice, Research, Education and Policy" workshop hosted by the The Harry and Jeanette Weinberg Center for Elder Justice and the NYC Elder Abuse Center at Weill Cornell Medicine in New York, NY.

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- Financial decision making in old age: Neural correlates and relevance to Alzheimer's Disease. Invited lecture for the Department of Psychological Sciences at the University of California Irvine in Irvine, CA.
- Neuroimaging of decision making in old age. Invited lecture for the "Achieving and Sustaining Behavior Change to Benefit Older Adults" worshop coordinated by the Research Centers Collaborative Network (RCCN) and hosted at the National Institutes of Health (NIH) Campus in Bethesda, MD.

- Aging and Sociodemographic Factors Paper Session. Selected as moderator for oral presentation session for the 47th Annual Meeting of the International Neuropsychological Society (INS) in New York, NY.
- Dispelling Myths about Cognition and Financial Decision Making in Old Age. Speaker and invited panelist for keynote interdisciplinary panel for the "What's Hot in Aging at USC" Conference hosted by the School of Gerontology in Los Angeles, CA.
- Invited panelist for the Association of Neuropsychology Students in Training (ANST) panel on applying for clinical neuropsychology internships hosted by the Psychology Department of the University of Southern California in Los Angeles, CA.
- Financial decision making in old age: A cognitive aging perspective and ways to protect yourself. Invited keynote lecture for the Half Century Trojans Generational Program hosted by USC Generational Programs in Irvine, CA.
- How to maintain brain health in old age. Invited lecture for the 3rd Annual Interprofessional Health
  Care Symposium Resources for a Longer, Healthier Life presented by the USC Emeriti Center in
  partnership with the USC Department of Family Medicine GWEP in Los Angeles, CA.
- The neuroscience of aging, trauma, and elder abuse. Invited keynote lecture for the Trauma Informed Responses to Elder Abuse conference sponsored by the Chattanooga Family Justice Center in Chattanooga, TN.
- Cognitive decline and financial decision making as we age. Invited lecture for the USC Alumni Association of Orange County 2019 Speaker Series in Irvine, CA.
- Financial decision making in old age: A neuropsychology perspective. Invited lecture for the USC Schaeffer Center Clinical Fellows Seminar in Los Angeles, CA.
- Perceived discrimination in older black adults is associated with insula functional connectivity. Invited award lecture for best submission by an established professional for the Society of Clinical Neuropsychology (Division 40) of the American Psychological Association Annual Convention in Chicago, IL.
- Dispelling myths about cognition and financial decision making in old age. Invited lecture for the Masonic Homes of California annual staff retreat in Covina, CA.
- Aging, cognitive changes, and susceptibility to scams. Invited lecture for the Federal Trade Comission (FTC) Protecting Older Adults from Fraud: A Common Ground Conference in Los Angeles, CA.
- Invited panelist for the neuroscience of financial vulnerability panel of The State of Financial Fraud in America conference hosted by the FINRA Foundation and Stanford Center on Longevity in Washington, D.C.
- Financial decision making in old age: Neuropsychology, neuroimaging, and policy considerations.
   Invited lecture for the Gerontology Colloquium series at the USC School of Gerontology in Los Angeles,
- Financial decision making in old age. Invited lecture for a meeting hosted by the Advocacy/Ethics Committee of the Certified Financial Analyst (CFA) Society of Los Angeles in Los Angeles, CA.
- Age-Associated Financial Vulnerability. Invited lectures for the Central Coast and Los Angeles Scams Against Older and Vulnerable Adults Working Groups hosted by the Federal Bureau of Investigation (FBI) in Santa Barbara and Los Angeles, CA.

### 2020

- Age-Associated Financial Vulnerability. Invited lecture for the Elder Protection Council hosted by the San Diego District Attorney's Office in San Diego, CA.
- Neuroimaging of financial vulnerability in old age. Invited lecture for the 2020 Tamkin International Symposium on Elder Abuse in Pasadena, CA.

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- Cognitive decline and susceptibility to scams. Invited lecture for the 2020 Elder and Dependent Adult Abuse Prevention Conference in Santa Barbara, CA. [cancelled due to COVID-19]
- Financial decision making in old age. Invited lecture for neuropsychology seminar at the VA Long Beach Healthcare System in Long Beach, CA.
- Neuroimaging of financial decision making in old age. Invited lecture for the Financial Exploitation Intensive at the McGovern Medical School at UTHealth in Houston, TX. [cancelled due to COVID-19]
- Invited online panelist for the AARP/The FINRA Foundation Expert Workshop On Chronic Fraud Victimization hosted by the AARP and FINRA. [cancelled due to COVID-19]
- Invited panelist for an online seminar on jobs for the psychology trainees of the VA Long Beach Healthcare System in Long Beach, CA.
- Financial decision making in old age: Neuropsychology, neuroimaging correlates, and relevance to Alzheimer's Disease. Invited lecture for the Neurosciences Grand Rounds at Cedars-Sinai Medical Center in Los Angeles, CA [held online due to COVID-19].
- Understanding the Connection Between Neurocognitive Changes in Aging and Vulnerability to Financial Exploitation. Invited lecture for the Minnesota Elder Justice Center financial exploitation speaker series in St. Paul, MN [held online due to COVID-19].
- Financial decision making in old age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Fall Science Luncheon Series of the UT Dallas Center for Vital Longevity in Dallas, TX [held online due to COVID-19].
- Financial decision making in old age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Parkinson's Disease Support Group at the VA Long Beach Healthcare System in Long Beach, CA [held online due to COVID-19].
- Neuroimaging of financial decision making in old age. Invited lecture for the Growing Up in Aging Neuroscience seminar series hosted at Brown University in Providence, RI [held online due to COVID-19].

- Financial decision making in older age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Internship Seminar Lecture Series at UCSD in San Diego, CA [held online due to COVID-19].
- Financial decision making in older age. Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the University of Florida Department of Neuroscience Seminar Series in Gainesville, FL [held online in March due to COVID-19].
- Financial Decision Making in Older Age. Invited lecture for the Practicing Law Institute (PLI) Elder Financial Exploitation training in Los Angeles, CA [held online due to COVID-19].
- Financial exploitation and mistreatment of older adults: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Internship Seminar Lecture Series at UCSD in San Diego, CA [held online in October due to COVID-19].
- Scam and financial exploitation vulnerability in older age. Invited lecture for the West San Gabriel Valley Elder Abuse Coalition [held online due to COVID-19].
- Scam susceptibility in older age. Invited lecture for the San Diego Elder Justice Task Force hosted by the San Diego District Attorney's Office and including members of the Federal Bureau of Investigation [held online due to COVID-19].

## 2022

- Financial decision making and fraud in older age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Geriatric and Palliative Care Grand Rounds at UCSF in San Francisco, CA.
- Financial decision making and susceptibility to scams in older age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Worcester Neuropsychology Didactics at the University of Massachusetts Medical Center in Worcester, MA [held online due to COVID-19].
- Financial decision making and fraud in older age: Neuropsychological, neuroimaging, and public policy considerations. Invited lecture for the International Neuropsychological Society's webinar series.

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- Building Equity, Breaking Down Stigma, and Empowering Behavior Changes to Support Brain Health Among Older Adults. Invited symposium panelist for the American Society on Aging 2022 Meeting in New Orleans, LA.
- Not a Model Minority: Lessons Learned Over a Career in Neuropsychology. Invited lecture for the Asian Neuropsychological Association's Education Committee Webinar Series.
- Financial decision making in older age: Neuropsychology, neuroimaging, and public policy considerations. Invited lecture for the American Psychological Association Division 40 Fellows Luncheon at the 2022 Convention of the American Psychological Association in Minneapolis, MN.
- Financial decision making in older age and relevance to Alzheimer's Disease. Invited lecture for the USC ADRC Research Conference in Los Angeles, CA.
- Special Briefing: GCBH Behavior Change Report. Invited webinar panelist hosted by the Global Council on Brain Health, an collaborative from AARP.
- Financial decision making in older age and relevance to Alzheimer's Disease. Invited lecture for the Decision-Making in Alzheimer's Research (DMAR) program at the University of Washington in Seattle, WA [held online].
- Financial decision making in older age. Invited lecture for the Geriatric Gold ED and Inpatient NICHE/Age-Friendly Hospital Initiatives at Sharp Grossmont Hospital in La Mesa, CA [held online].
- Financial decision-making and fraud in older age: Neuropsychology, neuroimaging, and policy considerations. Invited lecture for the Department of Psychology at the University of Edinburgh in Edinburgh, Scotland.
- Strategies to promote brain health with Dr. Han, USC. Invited lecture for the Pasadena Village (international community of adults over 55) in Pasadena, CA [held online].
- Cognitive decline and hippocampal functional connectivity within older Black adults. Invited lecture for the 12th Annual Rush Alzheimer's Disease Center ROSMAP Investigator's Meeting at Rush University Medical Center in Chicago, IL.
- Financial decision making in older age: Neuropsychology, neuroimaging, and public policy considerations. Invited lecture for the Neuropsychology Case Conference series of the University of Oklahoma Health Sciences Center in Oklahoma City, OK [held online].
- Financial decision making in older adults. Invited lecture for the KnowNeuropsychology webinar series [held online].
- Financial decision making in older age: Key points. Invited keynote lecture for the Policy Dialogue on Decision Making in Old Age sponsored by the Australian Research Council (ARC) Centre of Excellence in Population Ageing Research (CEPAR) and the Center for Applied Macroeconomic Analysis of the Crawford School of Public Policy in Canberra, Australia [held in person and online].
- Financial decision making in older age. Invited lecture for the Science of ADRD for Social Scientists Workshop sponsored by the USC Alzheimer's Disease Resource Center for Minority Aging Research (USC-AD RCMAR) in Los Angeles, CA.
- Financial decision making in older age. Invited lecture for the USC Center for Economic and Social Research (CESR) Seminar Series in Los Angeles, CA.
- Empowering behavior change to support brain health among older adults. Symposium for the 2022 Gerontological Society of America Annual Meeting in Indianapolis, IN.
- Financial decision making in older age. Invited lecture for the University of Colorado Division of Geriatrics Grand Rounds in Denver, CO [held online].

- Financial decision making in older age. Invited lecture for the ICNS multidisciplinary team meeting of the Cleveland Clinic in Las Vegas, NV, and Cleveland, OH [held online].
- Financial exploitation risk and the brain. Invited talk for the symposium Elder Financial Exploitation –
   From Bench to Bedside for the 2023 American Geriatrics Society Annual Meeting in Long Beach, CA.
- Financial decision making in older age. Invited keynote for the Australian Research Council Centre of Excellence in Population Ageing Research (ARC CEPAR) International Conference in Sydney, Australia.
- Financial Decision Making in Older Age and Relevance to Alzheimer's Disease. Invited lecture for the UCSD AD-RCMAR and ADRC in San Diego, CA.

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- Financial Decision Making in Older Age: "It Takes a Village". Invited Grand Rounds lecture for the UCSD Division of Geriatrics, Gerontology, and Palliative Care in San Diego, CA.
- Lessons Learned about NIH Grant Review. Invited lecture for the UCSD AD-RCMAR in San Diego, CA
  [held online].
- Financial decision making in older age. Invited lecture for the SUNY Upstate Medical University Department of Psychiatry in Syracuse, NY.
- Financial decision making in older age. Invited Grand Rounds lecture for the New York-Presbyterian Hospital and Weill Cornell Medical College Department of Psychiatry in New York, NY [held online].
- Financial decision making in older age. Invited lecture and participant for the 2023 National Research Summit on Care, Services, and Supports for Persons Living with Dementia and Their Care Partners/Caregivers for the National Institute on Aging of the National Institutes of Health [held online].
- Financial decision making in older age. Invited lecture for the Clinical Psychology Collquium at Queens College and The Graduate Center, CUNY, in New York [held online].
- Clinical and real world measures. Invited moderator for the The Landscape of Early (Neuro)Psychological Changes in AD/ADRD Project sponsored by the National Institute on Aging of the National Institutes of Health [held online].
- Financial decision making in older age. Invited lecture for the UCSD/San Diego VA Healthcare System Psychology Internship Seminar in San Diego [held online].
- Financial decision making in older age and relevance to Alzheimer's Disease. Invited lecture for the Dementia Colloquium for the Mary S. Easton Center for Alzheimer's Research and Care at UCLA in Los Angeles, CA.

- Financial decision making in older age: Neuropsychology, neuroimaging, and policy considerations.
   Invited lecture for the Worcester Neuropsychology Didactics at the University of Massachusetts Medical Center in Worcester, MA [held online].
- Financial decision making in older age. Invited lecture for the Department of Psychiatry and Behavioral Health Grand Rounds at the Ohio State University Wexner Medical Center [held online].
- Financial decision making in older age. Invited lecture for the Professional Development Webinar Series for the Australian Psychological Society [held online].
- Financial decision making in older age. Invited lecture for the Department of Psychology Colloquium Series at the University of California Irvine in Irvine, CA.
- Financial decision making in older age: Neuropsychology, Neuroimaging, and Race Considerations. Invited lecture for the Cleveland Clinic Neuropsychology Series at the Cleveland Clinic in Cleveland, OH [held online].
- Financial decision making in older age. Invited lecture for the Artiss Powell, Jr., M.D. Memorial Lecture in Cognitive Neurology for the Division of Cognitive and Behavioral Neurology at Rutgers Robert Wood Johnson Medical School in New Brunswick, New Jersey [held online].
- Financial exploitation in older age: A revisionary model. Invited lecture for the 2024 Judith D. Tamkin International Symposium on Elder Abuse in Pasadena, CA.
- The Editorial Process for *The Journal of Gerontology: Psychological Sciences*. Invited lecture for the FPM 259c Doctoral Seminar: Presentations and Publications, required course for the 2<sup>nd</sup> year Joint Doctoral Program in Epidemiology, UCSD Herbert Wertheim School of Public Health and Human Longevity Sciences in San Diego, CA [held online].
- Dispelling myths about brain health in older age. Invited lecture for the AARP Utah University series on brain health [held online].
- Financial decision making in older age. Invited lecture for the Upstate Elder Abuse Center at Lifespan in Rochester, NY [held online].
- Money on the Mind: Cognition and Financial Decisions. Invited webinar for the Live Better Longer Webinar Series hosted by the American Federation for Aging Research and Prevention Magazine [held online].
- Financial exploitation vulnerability, social functioning, and social network diversity in older adults without dementia. Invited talk for the CAPRA-NBER Scientific Meeting "Financial & Economic Decision-

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- Making, Alzheimer's Disease, and Outcomes Over the Lifecycle" in Ann Arbor, MI (also moderated the keynote talk discussion for this meeting).
- Insights about the Editorial Process for *The Journal of Gerontology: Psychological Sciences*. Invited lecture for the USC ADRC REC Seminar Series [held online].

- Financial decision making in older age. Invited Grand Rounds for Harbor-UCLA Internal Medicine and Geriatrics in Los Angeles, CA [held online].
- Financial decision making and assessment in older age. Invited 3-hour Continuing Education course for the 53<sup>rd</sup> Annual Meeting of the International Neuropsychological Society in New Orleans, LA.

### DISSERTATION AND THESIS

Dissertation: Semantic Priming in Schizophrenia: A Functional Magnetic Resonance Investigation

Masters Thesis: Word Association Neural Network: Computer Simulation of Word Recall in Control and Schizophrenic Subjects

### **PUBLICATIONS**

Refereed Journal Articles (\*Denotes Student or Trainee Author):

- 1. Nestor, P.G., **Han, S.D.,** Niznikiewicz, M., Salisbury, D., Spencer, K., Shenton, M.E., & McCarley, R.W. (2001). Semantic disturbance in schizophrenia and its relationship to the cognitive neuroscience of attention. *Biological psychology*, *57*(1-3), 23–46. https://doi.org/10.1016/s0301-0511(01)00088-6
- 2. **Han, S.D.,** Nestor, P.G., Shenton, M.E., Niznikiewicz, M., Hannah, G.\*, & McCarley, R.W. (2003). Associative memory in chronic schizophrenia: a computational model. *Schizophrenia research*, *61*(2-3), 255–263. https://doi.org/10.1016/s0920-9964(02)00289-x
- 3. Wible, C.G., **Han, S.D.,** Spencer, M.H., Kubicki, M., Niznikiewicz, M.H., Jolesz, F.A., McCarley, R.W., & Nestor, P. (2006). Connectivity among semantic associates: an fMRI study of semantic priming. *Brain and language*, *97*(3), 294–305. https://doi.org/10.1016/j.bandl.2005.11.006
- 4. **Han, S.D.,** Nestor, P.G., & Wible, C.G. (2006). fMRI of lexical-semantic priming in a chronic schizophrenia patient. *Applied neuropsychology*, *13*(1), 51–57. https://doi.org/10.1207/s15324826an1301 7
- 5. **Han, S.D.,** Houston, W.S., Jak, A.J., Eyler, L.T., Nagel, B.J., Fleisher, A.S., Brown, G.G., Corey-Bloom, J., Salmon, D. ., Thal, L.J., & Bondi, M.W. (2007). Verbal paired-associate learning by APOE genotype in non-demented older adults: fMRI evidence of a right hemispheric compensatory response. *Neurobiology of aging*, *28*(2), 238–247. https://doi.org/10.1016/j.neurobiologing.2005.12.013
- 6. **Han, S.D.,** Nestor, P.G., Hale-Spencer, M.\*, Cohen, A., Niznikiewicz, M., McCarley, R.W., & Wible, C.G. (2007). Functional neuroimaging of word priming in males with chronic schizophrenia. *NeuroImage*, *35*(1), 273–282. https://doi.org/10.1016/j.neuroimage.2006.11.029
- 7. Delis, D.C., Lansing, A., Houston, W.S., Wetter, S., **Han, S.D.**, Jacobson, M., Holdnack, J., & Kramer, J. (2007). Creativity Lost: The Importance of Testing Higher-Level Executive Functions in School-Age Children and Adolescents. *Journal of Psychoeducational Assessment*, *25*(1), 29–40. https://doi.org/10.1177/0734282906292403
- 8. **Han, S.D.,** Drake, A.I., Cessante, L.M., Jak, A.J., Houston, W.S., Delis, D.C., Filoteo, J.V., & Bondi, M.W. (2007). Apolipoprotein E and traumatic brain injury in a military population: evidence of a neuropsychological compensatory mechanism?. *Journal of neurology, neurosurgery, and psychiatry*, 78(10), 1103–1108. https://doi.org/10.1136/jnnp.2006.108183
- 9. **Han, S.D.,** & Bondi, M.W. (2008). Revision of the apolipoprotein E compensatory mechanism recruitment hypothesis. *Alzheimer's & dementia : the journal of the Alzheimer's Association, 4*(4), 251–254. https://doi.org/10.1016/j.jalz.2008.02.006
- 10. **Han, S.D.,** Suzuki, H.\*, Drake, A.I., Jak, A.J., Houston, W.S., & Bondi, M.W. (2009). Clinical, cognitive, and genetic predictors of change in job status following traumatic brain injury in a military population. *The Journal of head trauma rehabilitation*, 24(1), 57–64. https://doi.org/10.1097/HTR.0b013e3181957055

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- 11. Kalkut, E.L., **Han, S.D.,** Lansing, A.E., Holdnack, J.A., & Delis, D.C. (2009). Development of set-shifting ability from late childhood through early adulthood. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 24(6), 565–574. https://doi.org/10.1093/arclin/acp048
- 12. Schiehser, D.M., **Han, S.D.**, Lessig, S.\*, Song, D.D., Zizak, V.\*, & Filoteo, J.V. (2009). Predictors of health status in nondepressed and nondemented individuals with Parkinson's disease. *Archives of clinical neuropsychology: the official journal of the National Academy of Neuropsychologists*, 24(7), 699–709. https://doi.org/10.1093/arclin/acp064
- 13. **Han, S.D.,** Bangen, K.J.\*, & Bondi, M.W. (2009). Functional magnetic resonance imaging of compensatory neural recruitment in aging and risk for Alzheimer's disease: review and recommendations. *Dementia and geriatric cognitive disorders*, *27*(1), 1–10. https://doi.org/10.1159/000182420
- 14. **Han, S.D.,** & Wible, C.G. (2010). Neuroimaging of semantic processing in schizophrenia: a parametric priming approach. *International journal of psychophysiology : official journal of the International Organization of Psychophysiology*, 75(2), 100–106. https://doi.org/10.1016/j.ijpsycho.2009.09.004
- 15. Suzuki, H., **Han, S.D.,** & Lucas, L.R. (2010). Chronic passive exposure to aggression decreases D2 and 5-HT 1B receptor densities. *Physiology & behavior*, 99(5), 562–570. https://doi.org/10.1016/j.physbeh.2010.01.018
- 16. Bangen, K.J.\*, Jak, A.J., Schiehser, D.M., Delano-Wood, L., Tuminello, E.\*, **Han, S.D.**, Delis, D.C., & Bondi, M.W. (2010). Complex activities of daily living vary by mild cognitive impairment subtype. *Journal of the International Neuropsychological Society : JINS*, *16*(4), 630–639. https://doi.org/10.1017/S1355617710000330
- 17. **Han, S.D.,** Suzuki, H.\*, Jak, A.J., Chang, Y.L.\*, Salmon, D.P., & Bondi, M.W. (2010). Hierarchical cognitive and psychosocial predictors of amnestic mild cognitive impairment. *Journal of the International Neuropsychological Society : JINS*, 16(4), 721–729. https://doi.org/10.1017/S1355617710000512
- 18. Suzuki, H.\*, **Han, S.D.,** & Lucas, L.R. (2010). Increased 5-HT1B receptor density in the basolateral amygdala of passive observer rats exposed to aggression. *Brain research bulletin*, *83*(1-2), 38–43. https://doi.org/10.1016/j.brainresbull.2010.06.007
- 19. Tuminello, E.R., & **Han, S.D.** (2011). The apolipoprotein e antagonistic pleiotropy hypothesis: review and recommendations. *International journal of Alzheimer's disease*, *2011*, 726197. https://doi.org/10.4061/2011/726197
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### COMMUNITY ENGAGEMENT

Temple City Senior Center brain health talk, 12/6/22 Gardena Senior Center brain health talk, 1/12/23 Sierra Madre + Pasadena Village Older Adult Resource Fair, 2/15/23 Carson Senior Resource Fair, 3/2/23, 4/18/24 El Sereno Senior Center brain health talk, 5/4/23 Gardena Older Americans Month Fair, 5/18/23, 11/3/23 Pasadena Older Americans Month Fair, 5/23/23 El Monte Senior Center Talk, 6/5/23 Monterey Park Senior Center brain health talk, 6/20/23 GenSpace brain health talk, 3/26/24 & 4/2/24 Alzheimer's Los Angeles Dementia Caregiver Event, 5/30/24 Cerritos Senior Health Fair, 10/4/24

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Jan 18, 2012, "Genes affect how sharp you'll be as you age." *WebMD*. http://www.webmd.com/brain/news/20120118/genes-hold-clues-intelligence-throughout-life

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#### VIDEOS

Oct 1, 2024, "Money on the Mind: Cognition and Financial Decisions." Invited webinar interview for the Live Better Longer webinar series presented by the American Federation for Aging Research (AFAR) and Prevention Magazine. <a href="https://vimeo.com/1013169465">https://vimeo.com/1013169465</a>

Jan 3, 2023, "Financial Decision Making in Older Age and Relevance to Alzheimer's Disease." Invited lecture for the UCSD AD-RCMAR.

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Oct 17, 2022, "Financial Decision Making in Older Adults." Invited lecture for the KnowNeuropsychology education series.

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Oct 4, 2022, "Financial Decision Making in Older Age: Neuropsychology, Neuroimaging, and Public Policy Considerations." Invited Grand Rounds lecture for UCSF Division of Geriatrics in San Francisco, CA. https://www.youtube.com/watch?v=9QLVx1MxD34

Jul 19, 2022, "Dispelling Myths about Brain Health in Older Age." Invited lecture for Pasadena Village. https://www.youtube.com/watch?v=T47FZB3dlzs

Jul 21, 2021, "Webinar 3: Health Economics and Brain Health Behavior Change" (personal introduction and appearance starting at 56:24)

https://www.aarp.org/health/brain-health/global-council-on-brain-health/webinar-series.html

Dec 10, 2020, "Growing Up in Aging Neuroscience (GRAN) 2020 Webinar: Hwamee Oh and Duke Han" (personal appearance starting at 30:09).

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Oct 28, 2020, "The Global Council on Brain Health's 5th Anniversary Webinar" (8 p.m. session, personal appearance starting from 32:44 until 43:12).

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Dec 6, 2018, "Neuroepidemiology of Decision Making." Invited lecture for the *Achieving and Sustaining Behavior Change to Benefit Older Adults* workshop of the Research Centers Collaborative Network of the National Institute on Aging at NIA Headquarters in Bethesda, MD.

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Apr 27, 2018, "Neural Correlates of Financial Decision Making in Old Age." Invited lecture for the *Our Aging Brains: Decision-making, Fraud, and Undue Influence* conference at Harvard Law School in Boston, MA. <a href="https://vimeo.com/267818433/503fb07b73#t=2m14s">https://vimeo.com/267818433/503fb07b73#t=2m14s</a>

Jun 19, 2017, "Neural Correlates of Financial Decision Making in Old Age." Invited webinar for the Elder Justice Initiative of the U.S. Department of Justice.

https://www.youtube.com/watch?v=HTvq0ZqlWAA

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