Research Conference on Aging

May 2, 2017

UCLA Ackerman Grand Ballroom
Los Angeles, CA

Made possible with generous support from Dean V. Ambrose
The 2017 Research Conference on Aging will demonstrate UCLA’s diverse research efforts to enhance and extend productive and healthy life for older adults. Research topics ranging from basic biology to public policy will be presented.

Thank you to Dean V. Ambrose whose support of this conference will foster new and innovative research partnerships in aging.

**Program Schedule**

8:00 AM | Check-In & Breakfast
8:15 AM | Poster Session I | Exhibit Hour
Odd Numbered Posters Present
9:15 AM | Introduction
Jonathan Wanagat, MD
Conference Chair
9:30 AM | Sleep Disturbances and Biological Aging
Plenary Talk
Judith E. Carroll, PhD
Assistant Professor, Cousins Center for Psychoneuroimmunology
Department of Psychiatry, UCLA
9:50 AM | Memory for What Matters: Information Overload and Value-Directed Remembering in Younger and Older Adults
Plenary Talk
Alan Castel, PhD
Professor
Department of Psychology, UCLA
10:10 AM | The Grandmother Paradox: Alzheimer’s Disease and the Evolution of Human Longevity
Plenary Talk
Molly Fox, PhD
Assistant Professor, Cousins Center for Psychoneuroimmunology
Departments of Anthropology and Psychiatry & Biobehavioral Sciences, UCLA
10:30 AM | Poster Session II | Exhibit Hour
Even Numbered Posters Present
11:30 AM | The Future of Aging: New and Emerging Research from the National Institute on Aging
Keynote Address
Marie A. Bernard, MD
Deputy Director, NIA/NIH
12:30 PM | Closing Remarks

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**About the Conference**

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**Biological Sciences**

**fundamental biological processes of aging**

1. **Aging and Sex-Dependent Adaptive Homeostasis in Response to Oxidative Stress**
   Wong S, Corrales-Diaz Pomatto L, Tower J, and Davies KJA

2. **Functional Remapping of the Neocortex After Targeted Stroke**
   Saggi S, Marosi M, Zeiger W, and Portera-Cailliau C

3. **Mechanism of Aβ Aggregation in Alzheimer’s Disease**
   Xue C, Lee Y, Tran J, Wang H, and Guo Z

4. **Subcortical ischemic stroke reduces cortical amyloid accumulation, motor recovery after stroke, and cognitive performance**

5. **Apolipoprotein E isotype-dependent modulation of microRNA-146a in plasma and brain**
   Teter B, Ladu MJ, Sullivan PM, Frautschy SA, and Cole GM

6. **CCL11 (Eotaxin-1) Role in Aging of the Brain and Skeletal Muscle**
   Crupi A, Nunnelee J, Das M, Godoy M, Yanez A, Svendsen C, and Goodridge H

7. **Dystrophin glycoprotein complex quantitation by rare-earth element immunolabeling and laser ablation ICP-MS**
   Bishop D, Doble P, Liba A, and Wanagat J

8. **Latent mitochondrial DNA deletion mutations drive muscle fiber loss at old age**
   Wanagat J, Herbst A, Cheema N, Widjaja K, McKenzie D, and Aiken JM

9. **Effects of fiber type and age on mouse muscle fiber mitochondrial DNA content: analyses by laser microdissection and digital PCR**
   Widjaja K and Wanagat J

**Behavioral and Social Sciences**

**full range of behavioral and social science issues in gerontology**

10. **A Community Based Randomized Controlled Trial on an Educational Intervention to Promote Retirement Saving Among Hispanics**
    Blanco LR, Duru OK, and Mangione C

11. **An Overview of the ACTIVE Study & Implementation of Cognitive Training for UCLA Patients**
    Tangturk A, Tadrous-Furnanz S, Miller KJ, and Small GW

12. **Racial/Ethnic Differences in Expectations Regarding Aging among Older Adults**
    Menkin, Guan, Araiza, Reyes, Trejo, Choi, Willis, Kotick, Jimenez, Ma, McCreath, Chang, Wittarama, and Sarkissian

13. **Gist-Based Memory for Weather Forecast Information in Older Adults**
    Gallo H, Hargis M, Kerr T, and Castel A

14. **Age-Related Memory Decline: Benefits of a Risk-Averse Strategy**
    Li C, Belyea RM, Kamrar CJ, Fourquet N, and Knowlton BJ

15. **Cause-Specific Contributions to Equity in Length of Life**
    Seligman B and Tuljapurkar S

16. **The Effects of Emotional Contexts on Associative Memory for Numerical Information in Younger and Older Adults**
    Graup RS, Siegel ALM, and Castel AD
17. Strategies for enhancing research in aging health disparities by mentoring diverse investigators

18. The Role of Community Obligation in Depression Diagnosis
Songco S, Liao D, Merkin S, and Jennings L

19. Apathy Mediates Cognitive Difficulties in Geriatric Depression
Funes CM, Lavretsy H, Ercoli L, St. Cyr N, and Siddarth P

20. Racial Identity and Hypertension among African American Adults
Thomas CS

Health Sciences

21. Engaging older African-American Veterans with healthcare access challenges in a community-partnered care coordination initiative
Izquierdo A, Ong MK, Jones F, Jones L, Ganz D, and Rubenstein L

22. Machine Learning Approaches to the Social Determinants of Health
Seligman B, Tuljapurkar S, and Rehkopf D

23. Projected Utilization of Emergency Medical Services in the City of Los Angeles
Melgoza E

24. Field Testing and Evidence-Based Disaster Preparedness Toolkit
Claver M, Wyte-Lake T, and Dobalian A

25. PREP: Engaging Clinicians About Preparedness
Claver M, Wyte-Lake T, Griffin A, and Dobalian A

26. Identifying patients for cognition and mobility care management in a primary care clinic

27. Neighborhood Features and Cardiometabolic Risk
Robinette J, Charles S, and Gruenewald T

28. Using the Geriatric Depression Scale and PROMIS® Physical Function Items with Older African Americans and Latinos
Paz SH, Jones L, and Hays RD

29. “Worth the Walk”: A Culturally-Tailored Intervention to Reduce Stroke Risk in Minority Older Adults

30. Impact of a pilot community-based clinical pharmacist hypertension program on patient activation among Chinese American seniors
Chang E, Ma SB, Tseng A, Lu L, Guo R, Ong M, and Sarkisian C

31. Urinary N-telopeptide as an Indicator of the Onset of Menopause-related Bone Loss in Pre- and Early Perimenopausal Women
Shieh A, Greendale GA, Cauley JA, and Karlamangla AS

32. Improving Advance Care Planning in Primary Care to Honor Patient Wishes
Mays AMM, Kanda P, and Yang C

33. Improving Veteran Health through Increasing Zostavax Administration in a Geriatrics Clinic
Mays AMM, Rofail M, Henriques D, and Castle S

34. Filling the Gap: A Case Study to Increase University Students’ Specialization in Geriatrics through Interprofessional Education
Papachristou T, Farmer GC, and Agarwal N

35. A Pilot Comparing ECOG Performance Status Assessment with Mobile Health Activity Data as a Measure of Function
Shen J, Vander Wall K, Ramezani R, SarrafaZadeh M, and Naeim A

36. Lifting weights beneficial for geriatric patients with chronic low back pain
Blumeyer D, Blanchard E, Castle S, and Lee C

37. Frailty Assessment Study in Lung Transplantation

38. Characteristics of Hospitalized Failure to Thrive Patients
Shiau V, Sarkisian C, Barragan NC, and Kuo T

Ford CL, Godette DC, and Gaines TL

40. Impact of education and income on cognitive functioning in low- and middle-income countries
Rodriguez FS, Luck T, Riedel-Heller SG, and Chattertij S

41. Evaluating allostatic load as a predictor of cardiovascular disease risk relative to the ACC/AHA pooled cohort risk equation: Multi-Ethnic Study of Atherosclerosis
Goldwater D, Karlamangla A, Merkin S, and Seeman T

42. Dementia and the Dental Patient: Dementia Training for Dental Professionals
Johnson Gorman DL

43. Frailty Assessment Pilot Study in Older Kidney Transplant Recipients

44. Survey for Inactive Gerofit Participants
Bersing-Steiner T, Fontanilla E, and Roman E

45. Introducing a New Prehab Program
Guran E, Singh S, Umar S, Castle SC, Lee CC, and Braunfeld M

46. Physical Activity and hippocampal sub-region structure in MCI
Rahi B, Siddarth P, Emerson ND, Burggren AC, Small G, and Merrill D

47. Does age matter in adherance to the use of home telehealth devices for chronic disease management?
Guzman, Yefimova, Viernes, Lee, Farmer, Wakefield, and Hahn

48. Relationship between echocardiogram measures and fitness in Gerofit participants
Lin H, Blanchard E, Segovia D, Nguyen L, Castle S, and Lee C

49. Improving Methods For Implementing Computer-Based Mapping in Home-Based Primary Care Programs
50. Relationship of physical therapy rehabilitation outcome and patient characteristics, can wearable sensor better indicate the outcome? Xie Z, Naeim A, Ramezani R, and Pertruse A
51. To use modern technologies facilitate traditional assessment in geriatric oncology patients Grigorian L, Middleton R, Weixin L, Kreke M, Valle J, and Marbán E
52. Statin-Associated Necrotizing Myopathy in an Elderly Female Win T and Soliman G

Social Research, Policy, and Practice: promotion of the social well-being of older adults through the scientific study of the social, political, and economic contexts of aging

54. Acceptability and Adoption of Aging in Place Technologies Among Older Adults: A Systematic Review Riess H and Aneshensel C
55. Fashion and the Experienced Consumer: An Interactive Educational Opportunity Claver M and Mun JM
57. Monitoring population health, health behaviors, and environment: Lessons from the HRS family of studies Lee J, Phillips D, and Wilkens J
58. The Effects of TimeOut@UCLA, an Intergenerational Respite Program for Cognitively-Impaired Seniors, on Family Caregivers and Students Guerrero L, Gans D, Satyadev N, Reynolds M, Jimenez P, and Tan Z
60. Identifying health information sources among older and younger Latino patients of LAC+USC Medical Center, a safety-net hospital Cuevas MA, Carrillo CA, Reyes CE, Witarama T, Stirland A, Boudov M, Rothchild B, and Mafi J
61. Improving Patient Outcomes on an Acute Geriatric Unit through Care Companion Volunteer Program Yeo V, Lada A, Speaker R, Gans D, and Jimenez P
62. Increased Vulnerability to Economic Downturn Among Family Caregivers: The Impact of the Great Recession Meyer K and Gassoumis Z
63. Association Between Religiosity and Advance Directive Completion Hoe D and Enguidanos S
64. Focus on Safety: Elder Latinas Navigating Type 2 Diabetes in Los Angeles, CA, USA & Tijuana, MX Martinez A, Heilemann MS, and Mentes J
65. Comparison of Yelp and CMS Ratings of Nursing Homes Johari K, Kellogg C, Vazquez C, Irvine K, and Rahman A

EXHIBITORS

1. UCLA Alzheimer’s and Dementia Care Program
2. Companion Care Program/TimeOut@UCLA
3. Geri’s List
4. Medical Students Training in Aging Research (MSTAR)/Geriatric Medicine Interest Group (GMIG)
5. UCLA Longevity Center
6. UCLA Clinical and Translational Science Institute
7. The Youth Movement Against Alzheimer’s
8. Gateway to Global Aging Data
9. UCLA Mary S. Easton Center for Alzheimer’s Disease Research at UCLA

SPECIAL THANKS

Dean V. Ambrose
Conference Sponsor

UCLA Multicampus Program in Geriatric Medicine and Gerontology (MPGMG)

UCLA Longevity Center

UCLA Mary S. Easton Center for Alzheimer’s Disease Research at UCLA

UCLA Clinical and Translational Science Institute

UCLA Cousins Center for Psychoneuroimmunology

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