Research Conference on Aging

May 16, 2018
UCLA Ackerman Grand Ballroom
Los Angeles, CA

Made possible with generous support from Dean V. Ambrose
The 2018 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

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<tr>
<td>8:00 AM</td>
<td>Check-In &amp; Breakfast</td>
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<tr>
<td>8:15 AM</td>
<td>Poster Session I</td>
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<tr>
<td>9:15 AM</td>
<td>Introduction</td>
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<td>Jonathan Wanagat, MD, David Reuben, MD, and Christina Domer</td>
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<tr>
<td>9:30 AM</td>
<td>&quot;Worth the Walk&quot;: A Randomized Trial of a Community-Partnered Intervention to Increase Walking and Reduce Stroke Risk</td>
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<td>Catherine Sarkisian, MD, MSHS Professor, Division of Geriatrics, David Geffen School of Medicine at UCLA</td>
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<td>Staff Physician, VA Greater Los Angeles Healthcare System</td>
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<tr>
<td>9:50 AM</td>
<td>Targeting Metabolism to Treat the Aging Brain</td>
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<td>Ajit Divakaruni, PhD</td>
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<td>Assistant Professor, Molecular &amp; Medical Pharmacology, David Geffen School of Medicine at UCLA</td>
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<tr>
<td>10:10 AM</td>
<td>Using Geriatric Assessments to Improve Care and Optimize Outcomes for Older Adults Undergoing Procedural Interventions</td>
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<td>Deena Goldwater, MD, PhD Clinical Instructor, Cardiovascular and Geriatric Medicine, David Geffen School of Medicine at UCLA</td>
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<tr>
<td>10:30 AM</td>
<td>Poster Session II</td>
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<td>11:30 AM</td>
<td>Purposeful Aging L.A.: An Age Friendly Initiative</td>
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<td>Laura Trejo, MSG, MPA General Manager, City of Los Angeles Department of Aging</td>
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<td>Co-Director and Co-Investigator, Los Angeles Community Academic Partnership for Research in Aging (LA CAPRA)</td>
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<td>12:30 PM</td>
<td>Closing Remarks</td>
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### About the Conference

### Poster Sessions

#### Biological Sciences
**fundamental biological processes of aging**

1. **Ischemic axonal injury primes tau phosphorylation by up-regulation of the microtubule affinity regulatory kinase, MARK4**

2. **Gene expression network analysis of the gut-brain axis supports an association between α-synuclein and enteric glial cells**
   - Videlock EJ, Mahurkar-Joshi S, Hoffman JL, and Pothoulakis C

3. **Sex-Specific Adaptation to Oxidative Stress Confounded Through Tissue-Specific Response in D. Melanogaster**
   - Silslyan C, Wong S, Yu K, Pomatto L, Tower J, and Davies KJA

4. **Thresholds and Limitations of Adaptive Homeostasis on Stressed and Unstressed MEF Cells**
   - Yu K, Gullapalli S, Sun P, and Davies K

5. **Hemodynamic latency predicts cognitive impairment across the lifespan: an fMRI dynamic causal modeling study of aging, vascular**

6. **Thioflavin T as a structural probe of pure amyloid β-protein Aβ42 oligomers**
   - Williams RC, Nakamura J, Palaparty S, Lev T, Hayden EY, and Teplow DB

7. **Characterization of L-isoaspartate Damage and Enzymatic Repair in Human Eye Lens Proteins**
   - Shawa H, Warmack R, and Clarke S

8. **Aging-associated changes in mitochondrial function and homeostasis in murine oxidative and glycolytic skeletal muscles**
   - Anunziata Crupi, Jordan S Nunnelee, David J Taylor, Amandine Thomas, Jean-Philippe Vit, Celine E Riera, Roberta A Gottlieb, and Goodridge HS

#### Behavioral and Social Sciences
**full range of behavioral and social science issues in gerontology**

9. **Younger and Older Adults’ Memory and Metacognition for Medication Side Effects**
   - Hargis MB and Castel AD

10. **Cross-Country Comparisons of Disability and Morbidity: Evidence from the Gateway to Global Aging Data**

11. **Age-Related Stereotype Threat Disrupts Metamemory In Older Adults**
    - Li C, Fourquet NY, Castel AD and Knowlton BJ

12. **Younger and Older Adults’ Predictions about Memory and Selectivity in a Value-Directed Remembering Task**
    - Siegel ALM and Castel AD

13. **Improving Interpersonal Communication with Geriatric Patients: A Gerontological Perspective**
    - Utash C


15. **Case Study - Serotonin Syndrome**
    - Chen JS, Leonard S, and Garcia M
16. Education Level and Retention Rate for Cognitive Health Intervention Among Older Adults
Chirino A, Cortez C, and Brown C

17. Evaluating the Psychosocial Benefits of the Veterans Health Administration’s Gerofit Clinical Demonstration Program of Exercise

18. A 20-Year Cohort Study of Living Arrangements and Cognitive Decline in the Mexican-American Population
Cantu PA, Angel RK, and Angel JL

19. Neurocognitive Correlates of Resilience in Geriatric Depression
Wu P, Lavretsky H, Laird K, and Siddarth P

20. Evaluation of the Aging Mastery Program® in Senior Community Sites within the Greater Los Angeles Area
Carrillo CA, Menkin JA, Guerrero L, Kye H, Trejo L, Banks C, Vozar ND, Herrera-Venson A, and Sarkisian CA

21. Depression, History of Depression, and Cognitive Function among Older Mexican Adults
Saenz J

22. Insomnia Severity Is Associated with Depression among Male Veteran Caregivers
Song Y, Martin JL, Fung CH, Dzierzewski JM, Tapia JCR, Jouldjian S, Josephson KR, Mitchell MN, and Alessi CA

Health Sciences
multidisciplinary or interdisciplinary clinical, health services, epidemiologic, and translational research

23. Hip Fracture Patients Receiving Perioperative TAVR have Higher Complication Rates
Yalamanchili DR, Garlich JM, Debbi EM, Stephenson SK, Stephan SR, Moon CN, Lin CA, Little MTM

24. Genetic guidance tools for antidepressant use in geriatric populations: state of the art.
Eyre H, Heinemeyer M, and Lavretsky H

25. Patient and Caregiver Outcomes of Care Co-Management Program for Cognition and Mobility

26. White matter integrity predicts anti-depressant response in late-life depression

27. Trust in physicians and its association with walking levels among racial/ethnic minority older adults
Kim AY, Saadi A, Menkin JA, Carrillo CA, Reyes C, and Sarkisian C

28. RCT of an Integrated Behavioral Treatment in Veterans with Obstructive Sleep Apnea and Coexisting Insomnia

29. Evaluation of a Quality Improvement Initiative to Reduce Low-Value Preoperative Care for Cataract Patients at LA County Department
Mafi JN, Godoy-Travieso P, Wei E, Anders M, Amaya R, Carrillo C, Berry J, Sariff L, and Da L

30. The Effects of Alzheimer’s Disease Cerebrospinal Fluid on Amyloid Beta-protein Oligomerization
Palaparty S, Hayden EY, and Teplow DB

31. Chronic Stress Exposure and Daily Stress Appraisals Relate to Biological Aging Marker p16INK4a in Mid-Life Parents
Rentscher KE, Carroll JE, Cole SW, Repetti RL, and Robles TF

32. Investigating the Effectiveness of Sensing in At-Risk Population (SARP) for Readmission - the SARP Study

33. Improving Patient Outcomes on an Acute Geriatric Unit through Care Companion Volunteer Program
Yeo V, Ladak A, Sharpley R, Gans D, Kates K, and Reuben D

34. African American Men and Hypertension: Effect of an Educational intervention on Dietary Sodium Knowledge
Ogbetuo RR, Woods DL, and Fongwa M

35. QI Project to Detect Use of Complementary Alternative Medicine in Patients in the Sepulveda VA Geriatric Medicine Clinic
Jaqua EE, Weintraub N, and Tu K

36. No-Show analysis in UCLA’s outpatient Geriatric clinic
Herrera I, Redublo P, Rasheed A, Straub M, Vance C, Chen GI, and Koretz B

37. The Development of International Medical Provider-Centric Quality Indicators for Post-Acute and Long Term Care
Mays AM, Saliba D, Katz PR, Feldman S, and Hendriks SA

38. Application of Quantitative Volumetric MR Imaging to a Combined Cognitive Neurology and Geropsychiatry Clinic Case Series
Meysami S, Cyrus Raji C, Porter V, Ahhdian J, and Merrill D

39. Healing Touch as Self Care for Veterans with Hypertension
Schloss A, Woods DL, and Macabasco-O’Connell A

40. DNA Methylation Age and Differential Patterns of DNA Methylation in Older Compared with Younger Kidney Transplant Recipients
Schaenman J, Zhou X, Guo R, Rossetti M, Liang E, Abdalla B, Lum E, Bunnapradist S, Danovitch G, Reed EF and Elashoff D

41. Implementation Of Geographic Information Systems to Improve Travel Efficiency in Home Based Primary Care

42. Neuronal Exosome-Associated Amyloid Precursor Protein (APP) Levels in Plasma as a Marker for Inflammation and Disability in MS

43. Machine Learning of MR Neuroimaging Automated Volumetric Data for Diagnostic Delineation of Alzheimer’s Dementia and Mild Cognitive Impairment in ADNI
Raji C, Meysami S, Porter V, Ahhdian J, and Merrill D

44. Changes in Visceral Fat and Android Fat over the Menopause Transition in the Study of Women’s Health Across the Nation (SWAN)

45. Attentional Processing and Cholinergic Receptor Binding in Older Adults
Youssef BL, Melrose RJ, Veliz JV, and Sultzer DL
46. Characterizing the Cohort of Lung Transplant Candidates and Assessing Levels of Frailty using Pre-Transplant Frailty Assessments

47. A descriptive study on the benefits of a student volunteering club for Gerofit, a fitness program for elderly veterans
Lin MG, Castle S, and Lee C

48. Mistrust of Researchers, not Physicians, Predicts Stroke Knowledge: Analysis of a Randomized Behavioral Intervention Trial
Saadi A, Kim AY, Menkin J, Carrillo C, Reyes R, and Sarkisian C

49. Urinary N-telopeptide and rate of decline in femoral neck strength across the menopause transition
Shieh A, Ishii S, Greendale GA, Cauley JA, and Karlamangla A

50. Reducing Preventable Readmission Rates in Brentwood Healthcare Center SNF using Multidisciplinary INTERACT® Tools
Chen JS, Tran HP, and Eslami M

51. Characteristics associated with stroke knowledge among racial/ethnic minority seniors
Truong KL, Carrillo C, Witarama T, and Sarkisian C

Social Research, Policy, and Practice

52. Double Benefits - The Effects of an Intergenerational Respite Program for Cognitively-Impaired Seniors on Undergraduate Students
Guerrero L, Gans D, Jimenez P, and Tan Z

53. Women and Aging: Lessons from the Golden Girls
Claver M and Wang L

54. From the Garden to the Streets: Working-Class Existence as Resistance in a Gentrifying Los Angeles Chinatown
Huynh F

55. What Consumers Say about Nursing Homes in Online Reviews

56. "I'm not ready yet" - Intra- and Interpersonal Adoption Processes of Personal Emergency Response Systems among Older Adults
Riess H, Batalla A, and Aneshensel C

57. That is what I like: Older Consumer’s Preferences for Independent Living Community
Zhong YY

58. The AgeStage Contribution to Re-Framing Aging: A View of Purposeful Aging Through Creativity

59. Improving Care at Home for Older Adults with Diabetes and Dementia: A Preliminary Qualitative Analysis
Tello-Palacios SJ and Levy-Storms L

EXHIBITORS

1. Sanofi Pasteur
2. UCLA Metabolism Theme
3. UCLA Longevity Center
4. UCLA Mary S. Easton Center for Alzheimer’s Disease Research at UCLA
5. USC Gateway to Global Aging Data
6. UCLA Companion Care Program
7. Medical Students Training in Aging Research (MSTAR)/Geriatric Medicine Interest Group (GMIG)

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 Metabolism Theme

Jonathan Wanagat, MD, PhD
Conference Chair

Michelle Nguyen
Program Manager & Development Coordinator

Matt Long
Division Technology Manager

Karen Colimore
Brian Loew
Nushie Gharib

UCLA Health Sciences Development