

21<sup>ST</sup> Annual UCLA



David Geffen  
School of Medicine

UCLA Health

# RESEARCH CONFERENCE ON AGING

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May 10, 2016

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UCLA Ackerman Grand Ballroom  
Los Angeles, CA

Made possible with generous support from Dean V. Ambrose

# ABOUT THE CONFERENCE

The 2016 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

<b>8:00 AM</b>	<b>Poster Session I</b> <i>Odd Numbered Posters Present</i>
<b>8:50 AM</b>	<b>Introduction</b> <i>Brandon Koretz, MD, MBA, David B. Reuben, MD, Gary Small, MD, and Jonathan Wanagat, MD, PhD</i>
<b>9:00 AM</b>	<b>The Age of Aging - Can We Intervene?</b> <i>Keynote</i> Brian K. Kennedy <i>President and CEO</i> <i>The Buck Institute for Research on Aging</i>
<b>10:00 AM</b>	<b>Has There Always Been a Female Adult Mortality Advantage? Results from an Analysis of Excess Male Adult Mortality across Generations in the 20th Century</b> <i>Plenary</i> Hiram Beltran-Sanchez, PhD <i>Assistant Professor</i> <i>Department of Community Health Sciences and California Center for Population Research, UCLA</i>
<b>10:20 AM</b>	<b>Poster Session II</b> <i>Even Numbered Posters Present</i>
<b>11:10 AM</b>	<b>Independent Living with a Technology Companion</b> <i>Keynote</i> Majid Sarrafzadeh, PhD <i>Distinguished Professor</i> <i>Department of Computer Science, UCLA</i>
<b>12:10 PM</b>	<b>Technology in a Cognitive Health Clinic for Memory Loss and Depression</b> <i>Plenary</i> David Merrill, MD, PhD <i>Assistant Clinical Instructor</i> <i>Department of Psychiatry &amp; Biobehavioral Sciences, UCLA</i>
<b>12:30 PM</b>	<b>Closing Remarks</b> Jonathan Wanagat, MD, PhD

# POSTER SESSIONS

## Biological Sciences

### fundamental biological processes of aging

- 1. Effects of exercise and heat shock on lifespan and health span of A $\beta$ 1-42 *Drosophila melanogaster***  
*Alsolami S, Ospina A, Silva I, and Bournias-Vardiabasis N*
- 2. Vascular-Induced Bias in fMRI Studies of Aging**  
*Anderson A, Douglas P, and Bookheimer S*
- 3. Hematopoietic cell rejuvenation delays aging-related cognitive decline**  
*Das M, Godoy M, Chen S, Dang I, Yáñez A, Liu G, Svendsen C, and Goodridge H*
- 4. Insulin sensitivity is not impaired by aging when adiposity is taken into account**  
*Ehrhardt N, Mao H, Goodridge H, and Péterfy M*
- 5. Visual ratings of medial temporal lobe atrophy correlate with CSF tau indices in early-onset Alzheimer's disease**  
*Granadillo E*
- 6. Posiphen reverses behavioral deficits and neuropathology in a rat model of mild traumatic brain injury**  
*Hatami A, McDowell K, Sutton R, Ghavim S, Dutta G, Kutsuna N, Subramaniam S, Zhu C, Relano-Gines A, Boodaie B, Kawakatsu S, Hovda D, Maccacchini M, and Chesselet MF*
- 7. Differential effects of cerebrospinal fluid from normal and AD patients on amyloid  $\beta$ -protein oligomerization**  
*Shadkam-Farrokh P, Hayden EY, Wong A, and Teplow DB*
- 8. The neuronal beta estrogen receptor supports hippocampal-dependent cognitive function**  
*Kammel LG, Itoh N, Ahdi H, O'Dell TJ, and R Voskuhl*
- 9. Omega-3 Fatty Acids and Anti-Oxidants Improve Innate Immunity and Prevent Cognition Decline in Patients**  
*Fiala M*
- 10. Healthy Lifestyle in Older Adults and Inflammatory Markers**  
*Pérez C, Carroll J, Breen E, Olmstead R, and Irwin M*
- 11. Decreased Frequency of Naïve T Cells Is Associated with Immune Dysfunction in Older Kidney Transplant Recipients**  
*Schaenman J*
- 12. Latent mitochondrial DNA deletion mutations drive muscle fiber loss at old age**  
*Herbst A, Wanagat J, Cheema N, Widjaja K, McKenzie D, and Aiken JM*
- 13. Isomerized aspartate residues in rodent eye lens protein act as a marker of biological aging**  
*Warmack R*
- 14. Effect of fiber type and age on mouse muscle fiber mitochondrial 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

- 15. Lessons from a randomized controlled trial with minority older adults in diverse community settings**  
*Araiza D, Willis P, Thorpe C L, Kotick J, Jimenez E, Ma S, McCreath H, Lucas-Wright A, and Sarkisian CA*
- 16. Psychometric performance of the Korean 12-item Expectations Regarding Aging Survey (KERA-12)**  
*Araiza D, Choi S, Oh A, and Sarkisian C*
- 17. Depression and Coleman Care Transitions Intervention**  
*Aronow H, Fila S, and Sosna T*

**18. Perceptions of Dementia in the disaggregated Asian-American communities**

*Guzman A*

**19. Does selective learning in older adults come at an expense?**

*Hennessee J, Knowlton B, and Castel A*

**20. Children's geographic proximity and elderly parents' depressive symptoms in China**

*Liang D and Zhang D*

**21. Relationship between acculturation and stroke risk factors among Latino and Korean American older adults**

*Moon S, Jung S, Araiza D, and Sarkisian C*

**22. Perceptions of support groups among older breast cancer survivors: "I've heard of them, but I've never felt the need to go"**

*Pieters H*

**23. When wrinkles disappear with age: Temporal value asymmetry and aging**

*Siegel A, Hargis M, McGillivray S, Drolet A, and Castel A*

**24. Psychosocial barriers to cervical cancer screening among aging women in Ghana**

*Turkson S*

**25. The impact of ageism on HIV/AIDS diagnosis among older African American adults**

*Dillard A*

## Health Sciences

**multidisciplinary or interdisciplinary clinical, health services, epidemiologic, and translational research**

**26. Cognitive outcomes expected in art-based pilot intervention for older adults**

*Brown C*

**27. Sleep disturbances and markers of biological aging**

*Carroll JE, Esquivel S, Goldberg A, Seeman TE, Effros RB, Dock J, Olmstead R, Breen EC, and Irwin MR*

**28. Palliative care practice model for older adults using the CARES tool**

*Chan B*

**29. Physician lifestyle counseling among Chinese American seniors with hypertension**

*Chang E, Lin V, Goh R, Ong M, and Sarkisian C*

**30. Korean immigrant seniors' expectations regarding aging and health**

*Choi S, Araiza D, Oh A, and Sarkisian C*

**31. Phase I-II targeted therapy and immunotherapy non-small cell lung cancer clinical trials: no age limit to benefit**

*Cummings A, Mendenhall M, and Goldman J*

**32. The impact of demographic variables and mood on memory in adults**

*Fitzgerald K, Miller K, Liptak R, Martinez J, Siddarth P, Ercoli L, and Small G*

**33. Strategies for identifying, sharing, disseminating and implementing best practices in the care of patients with multiple chronic conditions**

*Gans D, Reuben D, Tan Z, Jennings L, Osterweil D, and McCreath H*

**34. What's the secret sauce? Lessons from best practice implementation in community-based practices**

*McCreath H, Gans D, Senelick W, Ganz D, Osterweil D, and Reuben D*

**35. UCLA Older Americans Independence Center (OAIC)**

*Reuben DB*

**36. Reducing consult cancellation due to inability to contact geriatric patients**

*Gotanda H, Tan D, and Weintraub N*

**37. Sexual behavior in older adults diagnosed with dementia: Curriculum for caregivers in dementia communities**

*Ionescu E*

**38. Identifying and prioritizing patient-centered goals for dementia care**

*Jennings LA, Hays RD, Wenger NS, Ramirez KD, and Reuben DB*

**39. Unhealthy aging: targeting sarcopenia**

*Kahan A*

**40. Assessment of demographic differences in body composition**

*Pham YL, McCreath H, Karlamangla A, and Seeman T*

**41. Vilazodone inhibits pro-inflammatory gene expression and immunologic activation in geriatric depression**

*Lavretsky H*

**42. Altered default mode network connectivity in patients with late life depression**

*Lavretsky H*

**43. Delivering a clinical exercise program to rural veterans via clinical video telehealth**

*Blanchard EH, Castle S, Ines E, Morey MC, Deberry J, Humecky T, Obar F, and Lee CC*

**44. Maintaining diabetes prevention behaviors using a social cognitive health coaching approach within the construct of GEROFIT**

*Pang M, Bartholomew A, Castle S, and Lee C*

**45. Evaluating geriatrics clinical skills training on the attitudes of family medicine residents towards caring for older adults**

*Lee JF, Najarro J, Garcia M, and Weintraub N*

**46. Evaluating physician perception of patient access to timely care in a primary care setting**

*Miller N, Koretz B, and Woo H*

**47. Importance of diaphragmatic function in a patient at subacute unit**

*Heidenreich R, Oo T, Greer J, Kejrival K, and Shil A*

**48. A randomized controlled pilot trial of yoga vs. memory training programs in older adults with mild cognitive impairment**

*Yang H, Paholpak P, Acevedo B, Siddarth P, Eyre HA, Van Dyk K, Ercoli L, St. Cyr N, Khalsa DS, and Lavretsky H*

**49. Quantifying the balance between total bone formation and total resorption: An index of net bone formation**

*Shieh A*

**50. Association between pain and functional independence in older adults during and after inpatient rehabilitation**

*Rodriguez JC, Dzierzewski JM, Fung CH, Jouldjian S, Martin JL, Josephson KR, Mitchell MN, Song Y, and Alessi CA*

**51. Using Geographic Information Systems (GIS) to better serve older veterans: A pilot program**

*Fickel J, Lind J, Cowper-Ripley D, Weber-Fleming M, Campos M, Ong M, and Tubbesing S*

**52. Fatal outcome associated with bullous pemphigoid in a ninety-year-old male after hip fracture**

*Sarmiento A, Soliman G, Oo TN, and Shil AB*

**53. Daily routines of older Adults: A novel method of measurement**

*Yefimova M, Hajjhashemi Z, Banerjee T, Woods D, Popescu M, Rantz M and Skubic M*

**54. Improving patient outcomes on an ACE unit through a structured volunteer 'Care Companion' program**

*Yeo V*

**55. Characteristics of intentional injuries among older adults presenting to emergency departments**

*Yonashiro-Cho J, Gassoumis Z, and Wilber K*

**56. Cardiosphere-derived cells' exosome-mediated rejuvenation of the heart**

*Grigorian L, Middleton R, Weixin L, Kreke M, Valle J, and Marbán E*

**57. Collaborative partnerships in California's expansion of managed care of Medicaid seniors and persons with disabilities**

*Ray L*

**58. The Impact of mandatory medicaid managed care on health care utilization by seniors and persons with disabilities**

*Ray L*

## **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**

**59. Fostering a cross-campus gerontology community of practice**

*Claver M*

**60. Reducing low value pre-operative testing for cataract surgery among older adults in LA county: A Choosing Wisely intervention**

*Godoy-Travieso P, Sarff L, Carrillo C, Berry J, Amaya R, Wong B, Sayles J, Mafi J and Sarkisian C*

**61. Geriatric workforce enhancement and interprofessional collaborations in Riverside county**

*Guerrero L, Gans D, Lagha RR, Garcia M, Barba B, Hamade W, Woodard A, and Tan Z*

**62. TimeOut@UCLA: Preliminary results of an intergenerational respite program**

*Guerrero L, Gans D, Satyadev N, Reynolds M, Jimenez P, Ribeiro R, and Tan Z*

**63. Socioeconomic gradients of cardiovascular risk factors in China and India: Results from the China Health and Retirement Longitudinal Study and Longitudinal Aging Study in India**

*Hu P, Wang S, and Lee J*

**64. Blood pressure and the Great Recession: The multi-ethnic study of atherosclerosis**

*Merkin SS*

**65. The value in rushing: Aging and value-directed remembering when short on time**

*Middlebrooks CD, Kerr TK, and Castel AD*

**66. Older adults visit online sites for screening and brief intervention for unhealthy alcohol use**

*Masukawa K, Rosenbloom D, Helmuth E, Liao D, and Moore AA*

**67. Planning and pain at the end of life: Do those who plan how they want to die experience less pain?**

*Portanova J*

**68. Collecting caregiver data during universal assessment**

*Carnell S, Madigan B, Saliba D, Gassoumis Z, and Wilber K*

**69. The costs of caring: Familial dynamics and the effects of universal pension transfers on elder care in Mexico**

*Angst S, Aguila E, and López-Ortega M*

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## EXHIBITORS

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

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## 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**

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*UCLA Health Sciences Development*