

HIV & Aging: Mitochondria to the Metropolis  
 November 16-17, 2017  
 Courtyard Atlanta Decatur/Downtown Emory

Thursday, November 16

12:00pm-1:00pm	Conference Registration Open
1:00pm-1:15pm	Welcome
1:15pm-2:15pm  1 CE Credit	<p>Keynote: Geroscience: A Multidisciplinary Approach To Understanding Hiv Disease</p> <p>Rita Effros, PhD          Professor of Pathology &amp; Laboratory Medicine          David Geffen School of Medicine, UCLA          2015 President, Gerontological Society of America</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Become familiar with certain aspects of the immune system that age prematurely in persons chronically infected with HIV</li> <li>• Understand the impact of the immune system on the skeletal and cardiovascular systems, and how psychological stress affects the above processes</li> </ul>
2:15pm-3:15pm  1 CE Credit	<p>Plenary: State of the Science: The Role of Exercise on Those Aging with HIV</p> <p>Kris Ann Oursler, MD          Associate Professor, Internal Medicine, Virginia Tech Carilion School of Medicine          Adjunct Faculty, Division of Gerontology and Geriatric Medicine          Department of Medicine, University of Maryland School of Medicine          Director, Geriatric Research and Education, Salem VA Medical Center</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Define limitations in exercise capacity in HIV-infected adults</li> <li>• Understand biological and physiological mechanisms underlying exercise capacity in older HIV-infected adults</li> <li>• Recognize different effects of various exercise training interventions</li> <li>• 4 Appreciate challenges of durable and effective exercise rehabilitation strategies in older HIV-infected adults</li> </ul>
3:15pm-3:30pm	Break
3:30pm-4:30pm  1 CE Credit	<p>Resilience and Functional Wellness in HIV/Aging</p> <p>Perry Halkitis, PhD, MS, MPH          Dean          Professor of Biostatistics &amp; Social and Behavioral Health Sciences          School of Public Health          Rutgers University</p> <p>Learning Objectives:</p>

	<ul style="list-style-type: none"> <li>• Describe the physical, emotion, and social health challenges faced by older adults living with HIV</li> <li>• Compeered how HIV, and psychosocial burden impact the health of older adults living with HIV</li> <li>• Delineate resilience as both trait and proecess in a population of older adults living with HIV</li> <li>• Apply tenets of resilience model for working with older adults living with HIV</li> <li>• Develop strategies for working with older adults loving with HIV that is based on resilience rather than deficit.</li> </ul>
4:30pm-6:00pm  1.5 CE Credit	<p>Patient Panel: Maintaining Functional Wellness</p> <p>Moderator: Ken Lazarus Founder, Lazarus Lives, Inc.</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> <li>• To increase understanding regarding factors that influence HIV diseases among older adults in the US including overall health disparities, poverty, culture, and significate levels of HIV-related stigma.</li> </ul>
6:00pm-7:30pm	Poster Session & Reception

Friday, November 17

7:30am – 8:00am	Continental Breakfast & Registration
8:00am-9:00am	Interactive Poster Debriefing
9:15am-10:15am  1 CE Credit	<p>Plenary: Multidimensional Aspects of Aging</p> <p>Dilip Jeste, MD Director, Senior Associate Dean for Healthy Aging and Senior Care Director, UC San Diego Center for Healthy Aging Estelle and Edgar Levi Chair in Aging Distinguished Professor of Psychiatry &amp; Neurosciences</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• Understand the concept of successful aging in people with and without HIV</li> <li>• Recognize the contributions of positive psychological traits (resilience, optimism, wisdom) to successful aging</li> <li>• Apply strategies to promote successful aging in people with HIV</li> </ul>
10:15am-10:30am	Break
10:30am-11:30am	Breakout Sessions

<p>.5 CE Credit</p>	<p>Basic Science Session A-1: Mechanisms of Functional Decline</p> <p>Alan Landay, PhD  The Thomas J. Coogan, Sr. MD, Chair of Immunology  Professor, Department of Immunity and Emerging Pathogens  Rush Medical College, Rush University</p> <p>Learning Objective:</p> <ul style="list-style-type: none"> <li>• Discuss the role of inflammation and the microbiome in functional decline during aging</li> </ul>
<p>.5 CE Credit</p>	<p>Basic Science Session A-2: Interactions of HIV and Amyloid Peptides in the Brain</p> <p>Avi Nath, MD  Senior Investigator, Section of Infections of the Nervous System  National Institute of Neurological Disorders and Stroke</p> <p>Learning Objectives:</p> <ul style="list-style-type: none"> <li>• To understand the effect of aging on brain of HIV infected individuals</li> <li>• To understand the histopathological changes in the brain of HIV-infected brain and the effects of aging</li> <li>• To understand the pathophysiology of HIV induced changes in amyloid processing and accumulation</li> </ul>
<p>.5 CE Credit</p>	<p>Clinical Session B-1: HIV-associated Neurocognitive Disorders in Older Adults: Prevalence, Profile, and Functional Implications”</p> <p>Steven Woods, Psy.D.  Professor, Director, Cognitive Neuropsychology of Daily Life Laboratory  Director of Clinical Neuropsychology  Psy.D., Virginia Consortium  Department of Psychology, University of Houston</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> <li>• Understand the combined effects of HIV disease and aging on brain structure and function, namely neurocognitive disorders;</li> <li>• Describe the role that neurocognitive impairment plays in the daily lives and health of older HIV-infected adults</li> </ul>
<p>.5 CE Credit</p>	<p>Clinical Session B-2: Measures of Frailty</p> <p>Ted Johnson, MD  Paul W. Seavey Chair and Division Chief, Division of General Medicine and Geriatrics</p>

	<p>Chair, Department of Family and Preventive Medicine  Emory University School of Medicine  Investigator, Birmingham/Atlanta VA GRECC  Physician Lead, Emory Primary Care</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> <li>• Explain what is meant by frailty and how it differs from disability and comorbidity</li> <li>• Apply concepts learned to patient care and clinical research</li> </ul>
<p>.5 CE Credit</p>	<p>Psychosocial/Behavioral Session C-1: Technology Support</p> <p>Sara Czaja, PhD  Leonard M. Miller Professor and Scientific Director  Department of Psychiatry and Behavioral Sciences  Center on Aging, University of Miami Health System</p>
<p>.5 CE Credit</p>	<p>Psychosocial/Behavioral Session C-2: Technology Enhancements to Support Aging-in-Place</p> <p>Wendy A. Rogers, PhD  Khan Professor of Applied Health Sciences  Program Director, CHART: Collaborations in Health, Aging, Research, and Technology  University of Illinois Urbana-Champaign</p> <p>Learning Objectives</p> <ul style="list-style-type: none"> <li>• Explain the field of human factors as it relates to technologies for aging-in-place.</li> <li>• Identify unique needs, capabilities, limitations, and preferences of older adults for healthcare technologies.</li> <li>• Describe the potential of current and emerging technologies to support autonomy and successful aging</li> </ul>
<p>11:45am</p>	<p>Box Lunch Provided</p>
<p>12:00pm-1:00pm</p> <p>1 CE Credit</p>	<p>Rapporteur Summary: Challenges and Future Directions for Research and Clinical Care to Promote Functional Wellness</p> <p>Moderator: Charles Emlet, PhD  Professor  Aging with Pride: National Health, Aging, and Sexuality/Gender Study (NHAS)  University of Washington, Tacoma</p>

	<p>Learning Objective:</p> <ul style="list-style-type: none"> <li>• Understand translation of scientific areas from lab settings through community and societal structures and the interactions between biological, clinical, and socio-behavioral research.</li> </ul>
1:00pm	Adjourn

### Peer-reviewed References

1. High, K. P.; Brennan-Ing, M.; Clifford, D. B.; Cohen, M. H.; Currier, J.; Deeks, S. G.; Deren, S.; Effros, R. B.; Gebo, K.; Goronzy, J. J.; Justice, A. C.; Landay, A.; Levin, J.; Miotti, P. G.; Munk, R. J.; Nass, H.; Rinaldo, C. R., Jr.; Shlipak, M. G.; Tracy, R.; Valcour, V.; Vance, D. E.; Walston, J. D.; Volberding, P.; O. A. R. W. G. on; HIV and Aging, HIV and aging: state of knowledge and areas of critical need for research. A report to the NIH Office of AIDS Research by the HIV and Aging Working Group. *J Acquir Immune Defic Syndr* **2012**, *60 Suppl 1*, S1-18.
2. UNAIDS *HIV and aging: a special supplement to the UNAIDS report on the global AIDS epidemic*: Geneva, 2013.
3. Aitcheson, P., Brennan-Ing, M, Espinoza, R, Pacheco, B, Tax, A, Tietz, D. *Eight Policy Recommendations for Improving the Health and Wellness of Older adults with HIV*: New York, 2014.
4. Justice, A. C., HIV and aging: time for a new paradigm. *Current HIV/AIDS reports* **2010**, *7*, 69-76.
5. Brooks, J. T., Buchacz, K., Gebo, K.A. and Mermin, J., HIV infection and older Americans: the public health perspective. *American Journal of Public Health* **2012**, *102*, 1516-26.