



**Institute
on Aging**
UNIVERSITY of PENNSYLVANIA

PROGRAM

SYLVAN M. COHEN 2006 ANNUAL RETREAT WITH POSTER SESSION ON AGING

Thursday, May 4, 2006
Houston Hall
University of Pennsylvania

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|-------------|--|----------------------|
| 1:00-1:15 | WELCOME and OPENING REMARKS
Arthur H. Rubenstein, MBBCh
Dean, University of Pennsylvania School of Medicine
Executive Vice President, University of Pennsylvania for the Health System

John Q. Trojanowski, MD, PhD
William Maul Measey-Truman G. Schnabel, Jr., MD Professor of Geriatric Medicine and Gerontology; Professor, Department of Pathology and Laboratory Medicine; Director, Institute on Aging; Co-director, Center for Neurodegenerative Disease Research, Marian S. Ware Alzheimer Program; Director, Penn Alzheimer's Disease Center | Bodek Lounge |
| 1:15– 2:30 | SYLVAN M. COHEN VISITING SCHOLAR LECTURE
Richard J. Hodes, MD
Director, National Institute on Aging at the National Institutes of Health
<i>“In vivo regulation of telomerase activity and telomere length”</i> | Bodek Lounge |
| 2:30 – 3:15 | PENN PRESENTER
David B. Weiner, PhD
Associate Professor, Pathology & Laboratory Medicine, Penn School of Medicine
<i>“Improving the potency of DNA vaccines”</i> | Bodek Lounge |
| 3:15 – 4:00 | PENN PRESENTER
Edward Lee, MD, PhD
Resident, Anatomic Pathology Division, Pathology & Laboratory Medicine, Penn School of Medicine
<i>“Alzheimer's disease immunotherapy: Targeting Aβ oligomers”</i> | Bodek Lounge |
| 4:00 – 6:00 | POSTER SESSION ON AGING | Hall of Flags |

❖ BASIC SCIENCE

100 *Role of Glycogen Synthase kinase in Behavior and Neurobiology*

Authors W. Timothy O'Brien, M. O'Donnell, A. Friedman, P. Klein

Presenter W. Timothy O'Brien

101 *Accelerated repair of oxidized methionine by the enzyme methionine sulfoxide and a dietary supplement alleviate Parkinson's disease-like symptoms in Drosophila*

Authors Ramez Wassef, Ronny Haenold, Alfred Hansel, Stefan H. Heinemann, Toshinori Hoshi

Presenter David Ramez Wassef

102 *Convergence of Hsp90 with Ubiquitin in Filamentous Alpha-Synuclein Inclusions of Alpha-Synucleinopathies*

Authors K. Uryu, C. Richter-Landsberg, W. Welch, E. Sun, O. Goldbaum, E. H. Norris, C.-T. Pham, I. Yazawa, K. Hilburger, M. Micsenyi, B. I. Giasson, N. M. Bonini, V. M.-Y. Lee, J. Q. Trojanowski

Presenter Kunihiro Uryu

103 *Reduced generation of thymus-homing T lymphocyte progenitors in aged bone marrow*

Authors Valerie P. Zediak, Avinash Bhandoola

Presenters Valerie P. Zediak, Avinash Bhandoola

104 *Characterization of Two VQLXXK Motifs in Tau*

Authors Wenkai Li, Virginia M.-Y. Lee

Presenter Wenkai Li

105 *Characterization of Tau Pathologies in Grey and White Matter of Guam Parkinsonism-Dementia Complex*

Authors Matthew J. Winton, Sonali Joyce, Victoria Zhukareva, Domenico Pratico, Daniel P. Perl, Douglas Galasko, Ula Craig, John Q. Trojanowski, Virginia M.-Y. Lee

Presenter Matthew Winton

106 *Alpha-Synuclein Aggregation and Membrane Localization in S. cerevisiae*

Authors James Soper, Subhojit Roy, Robert Wilson, Virginia M.-Y. Lee

Presenter James Soper

107 *Neuroinflammation and consequent oxidation/nitration of alpha-synuclein directly linked to dopaminergic neurodegeneration*

Authors Hui Ming Gao, Paul T. Kotzbauer, John Q. Trojanowski, Virginia M.-Y. Lee

Presenter Hui Ming Gao

108 *Regulation of Reproductive Diapause and Aging by Drosophila Gene couch potato*

Authors Jayatri Das, Paul S. Schmidt

Presenter Jayatri Das

109 *Does striatal pathology distinguish DLB and PDD?*

Authors Tsao-Wei Liang, Joseph Noorigian, John E. Duda

Presenters Joseph Noorigian, John E. Duda

❖ BASIC SCIENCE

110 *Drug Discovery in Neurodegenerative Disease Research*

Authors Alex Crowe, Edward Hyde, Virginia M.-Y. Lee, John Q. Trojanowski

Presenters Edward Hyde, Alex Crowe

111 *Dietary Flaxseed Supplementation Protects Against Oxidant Stress and Experimental Acute Lung Injury and Inflammation in Mice*

Authors M. Christofidou-Solomidou, Y. Amrani, C.C. Solomides, E. Arguiri, A. Workman, J. Carter, P. Kinniry, J. Lee

Presenters Melpo Christofidou-Solomidou, James Lee

112 *Enhanced Diversity and Magnitude of Cellular Immune Responses Elicited by a Novel Engineered HIV-1 Subtype B Synthetic Consensus-based Envelope DNA Vaccine*

Authors Hye-In Hanna Yoon, Jian Yan, Sanjeev Kumar, Mathura P. Ramanathan, Natasha Corbitt, Anlan Dai, Jean D. Boyer, David B. Weiner

Presenter Hye-In Hanna Yoon

113 *Blood-brain barrier permeable taxanes as candidates for the treatment of neurodegenerative tauopathies*

Authors Carlo Ballatore, Amos B. Smith, III, Donna Huryn, Hugo Geerts, Jennifer Bruce, Matthew Micsenyi, Raina Rigoli, Xiao Tu, John Q. Trojanowski, Virginia M.-Y. Lee

Presenter Carlo Ballatore

114 *Qualitative changes in anti-viral CD8+ T cell response with aging*

Authors Vilma Decman, John E. Wherry

Presenter Vilma Decman

115 *Analysis of subtelomeric DNA variation in aging*

Authors Tony Ambrosini, Rumen Kostadinov, Sheila Paul, Harold Riethman

Presenter Harold Riethman

116 *Role of Baker's Yeast Sgs1p in Transcriptional Regulation*

Authors Adam Hersperger, Brad Johnson

Presenter Julia Lee

117 *Study of G-quadruplex in yeast telomere*

Authors Qijun Chen, Marina Kozak, Veena Abraham, Brad Johnson

Presenters Qijun Chen, Marina Kozak, Brad Johnson

118 *Microarray analysis of senescing human fibroblasts*

Authors G. Donahue, J. Wei, N. Levenkova, J. Rux, H. Riethman

Presenter Gregory Donahue

❖ BASIC SCIENCE

119 *Pmel17 fiber formation as a model system for regulated amyloidogenesis*

Authors Alexander C. Theos, Steven T. Truschel, Danielle Tenza, Ilse Hurbain, Dawn C. Harper, Joanne F. Berson, Penelope C. Thomas, Graça Raposo, Michael S. Marks

Presenter Alexander C. Theos

120 *Examination of telomere length in Alzheimer's disease using quantitative PCR*

Authors Nick Lukens, Vivianna Van Deerlin, Brad Johnson

121 *Lower Caffeine Consumption is Associated with Reduced Olfactory Function in First Degree Relatives of Patients with Parkinson's Disease: A Pilot Study*

Authors James Connolly, Andrew Siderowf, Matthew Stern, Dana Jennings, Ken Merick

Presenter James Connolly

NOTES

❖ CLINICAL RESEARCH

- 200 *Comparative Diagnostic Yields in Two Oral Cancer Studies*
Authors R. S. Feldman, Y. P. Maguire
Presenter R. S. Feldman
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- 201 *The association of midlife alcohol consumption with cognitive function in later life*
Authors Monica Crane, Marsha Wittink, Lucy Meoni, Daniel Ford, Michael Klag, Joseph Gallo
Presenter Monica Crane
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- 202 *Use of Qualitative Research Strategy to Gauge Parkinson's Disease (PD) Patients' Perceptions of PD and Depression*
Authors Frances K. Barg, Gregory Brown, Daniel Weintraub, Knashawn H. Morales, Ira R. Katz, Matthew B. Stern
Presenters Daniel Weintraub, Frances K. Barg, Gregory Brown
-
- 203 *Patterns and Predictors of Functional Status and Symptom Distress in Older versus Younger Women Undergoing Adjuvant Breast Cancer Chemotherapy*
Authors Carrie T. Stricker, Lynn Schuchter
Presenter Carrie T. Stricker
-
- 204 *Impulse Control Disorders in Parkinson's Disease (PD): Frequency and Correlates*
Authors Joseph Goveas, Daniel Weintraub, Andrew D. Siderowf, Marc N. Potenza, John E. Duda, Ira R. Katz, Matthew B. Stern
Presenter Daniel Weintraub
-
- 205 *How Depressed Parkinson's Disease (PD) Patients View the Etiology and Treatment of Depression*
Authors Katherine Oehlberg, Daniel Weintraub, Frances K. Barg, Gregory Brown, Donna Taraborelli, Ira. R. Katz, Matthew B. Stern
Presenters Daniel Weintraub, Frances K. Barg, Gregory Brown
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- 206 *Advance Care Planning and Dementia: Are Older Adults Planning?*
Authors Karen B. Hirschman, SarahLena Panzer, Jason H. T. Karlawish
Presenter SarahLena Panzer
-
- 207 *Who best to rate an Alzheimer's disease patient's quality of life: patient or caregiver? The case for a mixed perspective*
Authors Jason H. T. Karlawish, Arthur S. Zbrozek, Bruce Kinosian, Henry Glick
Presenter Jason H. T. Karlawish
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- 208 *Attentional Saliency and Perseveration in Typical Cognitive Aging*
Authors Dawn A. Morales, H. Branch Coslett, Sharon L. Thompson-Schill
Presenter Dawn A. Morales
-
- 209 *Parkinson's and Sleep Disorder*
Authors Tania Khalid, Ulhas Subramanian, Jonathan'Emeka Nkwuo, John E. Duda, Nalaka Gooneratne
Presenters Tania Khalid, Nalaka Gooneratne
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❖ CLINICAL RESEARCH

210	<i>Narratives of Caregiving: Effects on Job Satisfaction in Nursing Home Direct Care Workers</i>	Authors Lois K. Evans, JoAnne Reifsnnyder, Emilie Passow, Michele Mathes
		Presenters Lois K. Evans, Michele Mathes
211	<i>A mixed methods analysis of factors associated with sustained benefits following depression treatment</i>	Authors S. Mavandadi, F. Barg, J. Givens, C. Datto, K. Knott, C. Zubritsky, D. Oslin
		Presenter Shahrzad Mavandadi
212	<i>Social Feature Knowledge in Non-Aphasic Frontotemporal Dementia</i>	Authors Shweta Antani, Paul Eslinger, Gwyneth McCawley, Vanessa Troiani, Peachie N. Moore, Murray Grossman
		Presenter Shweta Antani
213	<i>Toward a Cognitive-Linguistic Model of Semantic Dementia</i>	Authors Jamie Reilly, Murray Grossman
		Presenters Jamie Reilly, Murray Grossman
214	<i>Semantic Naming Errors in Semantic Dementia</i>	Authors Gwyneth McCawley, Peachie N. Moore, Shweta Antani, Phyllis Koenig, Murray Grossman
		Presenter Gwyneth McCawley
215	<i>Mental Health/Substance Abuse Status and Comorbidity in HIV+ Adults</i>	Authors Kirsten Saboe, David Oslin
		Presenter Faika Zanjani
216	<i>Quantitative Patterns of Narrative Production Difficulty in Progressive Nonfluent Aphasia and Semantic Dementia</i>	Authors Sharon Ash, Peachie N. Moore, Shweta Antani, Gwyneth McCawley, Miriam Kochman, Murray Grossman
		Presenter Sharon Ash
217	<i>Impaired Linguistic Processing of Quantifiers in Corticobasal Degeneration</i>	Authors Vanessa Troiani, Gwyneth McCawley, Shweta Antani, Peachie N. Moore, Murray Grossman
		Presenter Vanessa Troiani
218	<i>MAPT haplotypes and APOE genotypes in a FTD cohort: associations with specific neuropsychological measures</i>	Authors Jennifer Farmer, Elisabeth Wood, Wuxing Yuan, Erin Pearson, Peachie N. Moore, Murray Grossman, Vivianna Van Deerlin, David Libon
		Presenter Elisabeth Wood

❖ EDUCATION AND OTHER PROGRAMS

300	<i>Organizational Culture in Long Term Care: Concept Clarification</i>	Authors Jennifer L. Bellot, Lois K. Evans Presenter Jennifer L. Bellot
301	<i>Knowledge and Attitudes of Medical Housestaff Before and After a Curriculum on the Effects and Implications of Pharmaceutical Advertising</i>	Authors Vivian Argento, Todd Barton, Lisa Bellini Presenter Vivian Argento
302	<i>Integration of Handheld Technology with Gerontology in an Undergraduate Nursing Program: The Gerontological Reasoning Informatics Project (GRIP)</i>	Authors Fran Cornelius, H. Michael Dreher, Judy Draper Presenter Judy Draper
303	<i>C.A.R.E Day: An Innovative Way to Provide Interdisciplinary Education and Support for Family Caregivers of Geriatric Community Dwelling Patients</i>	Authors Patricia Owens, John Coffey, Gretchen Glenn, Helen Moriatry Presenter Patricia Owens
304	<i>Advance Care Planning in Parkinson's Disease (PD)</i>	Authors Heidi Watson, Gretchen Glenn Presenter Heidi Watson
305	<i>Building RN Training Skills for Geriatric Nurse Excellence</i>	Authors Eileen Sullivan-Marx, Rebecca A. Snyder Phillips, Rita Adeniran, Kathleen Burke, Linda Carrick, Kathleen Egan, Lois K. Evans, Rosalyn Watts Presenters Eileen Sullivan-Marx, Rebecca A. Snyder Phillips, Kathleen Egan
306	<i>Positive Oral Health Promotion Models for Community-residing Older Adults</i>	Authors Ann Slaughter, Lois K. Evans Presenter Ann Slaughter
307	<i>The Senior Collaborative: An Interdisciplinary Academic and Community-based Approach to Creating an Elder-friendly Community</i>	Authors Rachel B. Cohen, Harris Steinberg, Joan Davitt, Lucy Kerman, Eileen Sullivan-Marx, D-L Wormley Presenter Rachel B. Cohen
308	<i>Career and Life Strategies for Baby Boomers - Tips from Penn Human Resources</i>	Authors Beverly Edwards, Gale Gibbons Presenters Beverly Edwards, Gale Gibbons
309	<i>Education Needs of Hospital Nurses – Caring for Cognitively Impaired Elders</i>	Authors Lois K. Evans, Ruth A. Mooney Presenters Sangeeta Bhojwani, Kathleen Egan
310	<i>Education Needs of Community Pharmacists – Caring for Cognitively Impaired Elders</i>	Authors Andrew Peterson, Emily Hajjar, Angela Cafiero Presenters Sangeeta Bhojwani, Kathleen Egan, Mary Ann Forcica

❖ EDUCATION AND OTHER PROGRAMS

311 *National Prevalence and Trends in Obesity among Aged and Disabled Medicare Beneficiaries, 1997-2002*

Authors Jalpa A. Doshi, Daniel Polsky, Virginia Chang

Presenter Jalpa A. Doshi

NOTES

❖ **RESEARCH AND COMMUNITY PROJECTS IN THE
GREATER PHILADELPHIA REGION**
COMMUNITY PROJECTS

400 <i>Asian Senior Resource Center at Coffee Cup</i>	Philadelphia Senior Center www.philaseniorcenter.org
	<i>Philip Lai</i> , Asian Outreach Coordinator Phone: 215-546-5879 Email: plai@philaseniorcenter.org
401 <i>Mid County Senior Services Home Support Programs</i>	Mid County Senior Services www.mainlinehealth.org
	<i>Lesa Sulimay</i> , Executive Director <i>Jamie McCloskey</i> , Director of Home Support Programs Phone: 610-353-6642 Email: lsulimay@senrs.org
402 <i>Ralston Center</i>	Ralston Center www.ralstoncenter.org
	<i>Priscilla Bradshaw</i> , Wellness Center Director <i>Linda Mehnert</i> , Administrative Assistant Phone: 215-386-2984 Email: pbradshaw@ralstoncenter.org
403 <i>Senior Care Collaborative</i>	Holy Redeemer Hospital www.holyredeemer.com
	<i>Barry Fabius</i> , Vice President, Medical Director, Geriatrics, Holy Redeemer Health System <i>Mark Bradley</i> , Executive Director, Senior Care Collaborative Phone: 215-214-2887 (Mark Bradley) Email: mbradley@holyredeemer.com
404 <i>Senior Companions and HEARTH – Keeping Seniors Independent as Long as Possible</i>	Family Services of Montgomery County www.fsmontco.org
<i>Project HEARTH – Helping Elderly Adults Remain in Their Homes</i>	<i>Deborah A. Keller</i> , Director, Senior Companion Program <i>Shushma Patel</i> , Coordinator, Project HEARTH Phone: 215-368-0985 Email: dkeller@fsmontco.org

❖ **RESEARCH AND COMMUNITY PROJECTS IN THE
GREATER PHILADELPHIA REGION**
COMMUNITY PROJECTS

407 *The CARE Program: Helping At-Risk Older Adults
to Live in the Community*

CARE Program

www.mainlinehealth.org

Mary Henning, Care Manager
Dee Faluvegi, Care Manager
Phone: 610-526-8727 or 1-866-CALL-MLH
Email: henningm@mlhs.org

408 *Harvest Health*

Center in the Park

www.centerinthepark.org

Delores Palmer, Project Director Harvest
Health Program
Rebecca Brown, Program Support Administra-
tor/ Health Promotion
Phone: 215-848-7722 ext. 219
Email: dpalmer@centerinthepark.org

409 *Hope, Progress, Answers*

The American Cancer Society

www.cancer.org

Mandy Blake-German, Director, Quality of
Life Services
Julie Kremzier, Cancer Control Community
Specialist
Phone: 215-985-5333
Email: Mandy.Blake-German@cancer.org

410 *The OATS Program: Mental Health Services for the
Latino Elderly*

COMHAR, Inc.

www.comhar.org

Gary Schoenberg, Continuing Care Director
Vergi Viacava, OATS Outreach Social Worker
Trudy Persky, Advisory Board Consultant
Phone: 215-203-3085
Email: garys@comhar.org

411 *Philadelphia Partnership for Long Term Care: A
Collaboration Dedicated to Improving Access and
Coordination of Long Term Care (LTC) Services*

**Philadelphia Partnership for Long Term
Care (PPLTC)**

Rachel Cohen, Planner,
Philadelphia Corporation for Aging (PCA)
Phone: 215-765-9000 ext. 5072
Email: rcohen@pcaphl.org

❖ **RESEARCH AND COMMUNITY PROJECTS IN THE
GREATER PHILADELPHIA REGION
COMMUNITY PROJECTS**

413 *Senior Center at Home*

**Senior Community Services of Delaware
County**
www.scs-delco.org

Barbara Caso, Senior Center at Home
(SCAH) Program Coordinator
M. C. Palladino, Recreation Therapy Assistant
Phone: 610-237-8100 x.28
Email: bcaso@scs-delco.org

415 *Reaching Out to Holocaust Survivors: The Special
Challenges of Serving a Population that Faced the
Ultimate Challenge*

**Jewish Family and Children’s Services of
Philadelphia – Services for Older Persons**
www.jfcsphil.org

Linda Solit, Assistant Director, Senior
Services
Slava Kulikov, Coordinator, Holocaust
Survivors
Phone: 215-673-7741 ext. 235
Email: lindas@jfcsphil.org

416 *The Art of Aging: Creativity Matters*

**Creative Arts and Aging Network
in Philadelphia**

Peggy Eagle, President
Phone: 215-426-8610 ext. 206
Email: peagle@lutheransettlement.org

417 *Cook for a Friend Program, Kosher Meals on
Wheels, and In-Home Support Services*

**Jewish Community Centers of Greater
Philadelphia**
www.phillyjcc.com

Nina Cohen, Emergency Food Coordinator
G. Raechel Hammer, Director of Senior
Services
Barbara Shotz, Director, Klein Adult Services

Phone: 215-698-7300 ext. 197
Email: klein@phillyjcc.com

418 *Senior Care of Center City*

Senior Care Centers of America
www.seniorcarectrs.com

Jill Kinney, Administrator
Linde Lauff, Administrator
Chuck Scarlato, Administrator
Phone: 215-561-2733
Email: centercity@seniorcarectrs.com

❖ **RESEARCH AND COMMUNITY PROJECTS IN THE
GREATER PHILADELPHIA REGION**
RESEARCH PROJECTS

405 *Categories of Experience & Voice: A Model for Describing Culture Change in Long Term Care Settings* **Polisher Research Institute – Abramson Center for Jewish Life**
www.abramsoncenter.org

Anne R. Bower, Senior Research Scientist
Phone: 215-371-1356
Email: abower@abramsoncenter.org

406 *Competence with Compassion: Creating an Ethical Culture for Long Term Care* **CARIE – Center for Advocacy for the Rights and Interests of the Elderly**
www.carie.org

Michele Mathes, Director of Education and Training
Phone: 215-545-5728
Email: mathes@carie.org

412 *Contribution of Nicotinic Receptor Pharmacology to Working Memory in Alzheimer Patients: A Computer Simulation Study* **In Silico Biosciences, Inc.**
www.in-silico-biosciences.com

Hugo Geerts
Phone: 215-266-3254
Email: Hugo-Geerts@in-silico-biosciences.com

414 *The Complex Characteristics of Community Dwelling Frail Elders* **University of Delaware, School of Nursing**
www.udel.edu/nursing

Lisa Plowfield, Professor and Director, School of Nursing; Director, University of Delaware Nursing Center
Evelyn Hayes, Professor and Associate Director, University of Delaware Nursing Center; Comprehensive Geriatric Assessment Program Coordinator
Elaine Greggo, Clinical Nurse Specialist, Comprehensive Geriatric Assessment Program

Phone: 302-831-8392
Email: erhayes@udel.edu

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 **Institute
on Aging**
UNIVERSITY of PENNSYLVANIA

About the Institute on Aging (IOA)

The University of Pennsylvania Institute on Aging is a national center for excellence, supporting pioneering research in biologic and clinical pathways of disease, treatment and care, as well as prevention and health promotion for the aging population.

Founded in 1978, the mission of the IOA is to improve the health of the elderly by increasing the quality and quantity of clinical and basic research as well as educational programs focusing on normal aging and age-related diseases at the University of Pennsylvania School of Medicine and across the entire Penn campus.

Learn more about upcoming IOA public events and lectures, news and information on aging research here at Penn, podcasts of recent Visiting Scholars lectures, and more online at:

www.med.upenn.edu/aging

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Or, write or call the IOA at:

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