



# IT'S TIME TO REGISTER!

The Annual Marian S. Ware Research Retreat  
presented by the Center for Neurodegenerative Disease Research

“Focusing on Parkinson’s Disease Alpha-synuclein at the University of Pennsylvania”

Wednesday, October 7, 2015 | 8:00am – 5:00pm | BRB II/III Auditorium

## SPEAKERS AT THE CNDR RETREAT

**Zahra Fakhraai**

Assistant Professor, Department of Chemistry, School of Arts and Sciences  
*“High-resolution AFM Imaging of Amyloid Aggregates”*

**Tobias Baumgart**

Associate Professor, Department of Chemistry, School of Arts and Sciences  
*“Biophysical effects on lipid membranes of peripheral protein binding”*

**James Shorter**

Associate Professor, Department of Biochemistry and Biophysics, Perleman School of Medicine  
*“Potentiated protein disaggregases to counter alpha-synucleinopathies”*

**Anna Kashina**

Professor of Biochemistry, School of Veterinary Medicine  
*“Alpha synuclein arginylation facilitates normal brain health and prevents neurodegeneration”*

**Jon Toledo**

Research Associate, Center for Neurodegenerative Disease Research  
*“Data-Driven Characterization of  $\alpha$ -Synuclein Deposition Patterns”*

**Dustin Covell**

Postdoctoral Fellow, Center for Neurodegenerative Disease Research  
*“Conformational antibodies generated from alpha-synuclein fibril strains reveal distinct populations of pathological inclusions in Parkinson’s disease brain tissue”*

**James Petersson**

Associate Professor of Chemistry, School of Arts and Sciences  
*“Synthetic protein modifications for studying the role of alpha-synuclein in Parkinson’s disease pathology”*

**Elizabeth Rhoades**

Associate Professor, Department of Chemistry, School of Arts and Sciences  
*“The role of nascent helical structure in the function of alpha-synuclein”*

**Bob Mach**

Professor of Radiology, Perleman School of Medicine  
*“Progress in the Development of a PET Radiotracer for Imaging Alpha Synuclein Aggregates in Parkinson’s Disease”*

**Harry Ischiropoulos**

Research Professor of Pediatrics, Children’s Hospital of Philadelphia  
*“Alarmins, immunoproteasome and autophagy; novel regulators of  $\alpha$ -synuclein aggregation disorders”*

**Richard Karpowicz**

Postdoctoral fellow, Center for Neurodegenerative Disease Research  
*“Shining light on the black box of pathological alpha-synuclein transmission”*

**Mike Henderson**

Postdoctoral fellow, Center for Neurodegenerative Disease Research  
*“Other proteins implicated in synucleinopathies”*

**Kelvin Luk**

Research Assistant Professor, Center for Neurodegenerative Disease Research  
*“Interactions between alpha-synuclein across species”*

**REGISTRATION DEADLINE: September 29, 2015**

Name: \_\_\_\_\_

Affiliation: \_\_\_\_\_

Phone: \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_

Attending Lunch? YES or NO

Vegetarian? YES or NO

- ✓ I will present a poster
- ✓ No poster, just attending

Register online: [www.med.upenn.edu/cndr](http://www.med.upenn.edu/cndr) or

Fax Form to: 215-349-5909 or Email Form to: [tmaiden@upenn.edu](mailto:tmaiden@upenn.edu)

\$\$ | \$250 PRIZE FOR BEST POSTER | \$\$

For more information: 215-662-4474