

# American Chemical Society North Jersey Section 2019 Baekeland Award Symposium



Friday, November 15, 2019 • 1:00 pm – 6:00 pm  
Fairleigh Dickinson University, Florham Campus, The Mansion, Lenfel Hall  
285 Madison Avenue, Madison NJ 07940



The North Jersey Section of the American Chemical Society established the Baekeland Award in 1944 to commemorate the technical and industrial achievements of Leo Hendrik Baekeland and to encourage younger chemists to emulate his example. The award is presented biennially to a United States-based chemist under 40 years of age in recognition of accomplishments in pure or industrial chemistry, as characterized by the initiative, creativeness, leadership, and perseverance of the individual and indicated by published or unpublished evidence.

## Agenda

- 1:00 Registration
- 1:30 **Welcome Address**  
Dr Cecilia Marzabadi, *Baekeland Symposium Chair*
- 1:40 **Professor Sidney M. Hecht**  
*Protein Synthesis with Non-canonical Amino Acids In Vitro and In Vivo*
- 2:20 **Professor Dinshaw Patel**  
*Structural Biology of CRISPR-Cas Surveillance Complexes*
- 3:00 **Professor Amanda Garner**  
*Chemical Probing of Coding and Non-Coding RNA Biology*
- 3:40 Break / Refreshments
- 4:10 **Professor James P. Collman**  
*From Theory to Practice: Invention of Reversible Respiration Inhibitors*
- 4:50 **Remarks and Baekeland Award Presentation**  
Dr. Katherine Lee, *ACS Director, District 1*  
Dr. Amjad Ali, *NJ-ACS Section Chair*
- 5:00 **Keynote: Professor Neal K. Devaraj**  
*Exploring the Lipid World*
- 5:50 **Closing Remarks**  
Dr. Les McQuire, *NJ-ACS Awards Chair*

## Speakers



**Neal K. Devaraj, PhD**  
Professor of Chemistry  
University of California, San Diego  
**Keynote Speaker**  
**2019 Baekeland Award Winner**



**Sidney M. Hecht, PhD**  
Director, Biodesign Center for BioEnergetics  
Professor, School of Molecular Sciences  
Arizona State University



**Dinshaw Patel, PhD**  
Professor and Abby Rockefeller Mauzé  
Chair in Experimental Therapeutics  
Memorial Sloan Kettering Cancer Center,  
Sloan Kettering Institute



**Amanda Garner, PhD**  
Assistant Professor of Medicinal Chemistry  
College of Pharmacy,  
University of Michigan



**James P. Collman, PhD**  
George A. and Hilda M. Daubert  
Professor of Chemistry, Emeritus  
Stanford University



**Registration Fee:** \$15 professionals; \$5 students, retirees, unemployed  
Online registration required by November 8, 2019 at [www.njacs.org/baekeland](http://www.njacs.org/baekeland) due to limited seating.  
Campus Directions: [www.njacs.org/fdu-florham-directions](http://www.njacs.org/fdu-florham-directions)