

American Chemical Society-North Jersey Section 2021 Baekeland Award Symposium



Thursday, May 12, 2022 • 1:00 pm – 6:00pm

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by the initiative, creativeness, leadership, and perseverance of the individual and indicated by published or unpublished evidence. Professor Prashant K. Jain is being recognized for his research in harnessing light as a source of energy to control the attributes and functions of advanced materials.

Agenda

- 1:00 Registration
- 1:30 **Welcome Address**
Dr. Qi Gao, *Baekeland Symposium Chair*
- 1:40 **Professor George Schatz**
Nanoparticles, Plasmons and Theory
- 2:20 **Professor Naomi Halas**
Nanomaterials and Light for Sustainability and Societal Impact
- 3:00 **Professor Robert W. Field**
Broken Patterns of Broken Patterns
- 3:40 Break / Refreshments
- 4:10 **Professor Paul Weiss**
Plasmonic Approaches to Biology and Medicine
- 4:50 **Remarks and Baekeland Award Presentation**
Dr. Natalie LaFranzo, ACS Director-At-Large
Dr. Qi Gao, *NJ-ACS Section Chair*
- 5:00 **Keynote: Professor Prashant Jain**
The Photofication of Chemical Manufacturing
- 5:50 **Closing Remarks**
Mrs. Diane Krone, *NJ-ACS Awards Chair*



Prashant K. Jain, PhD
Professor of Chemistry and Alumni Scholar
University of Illinois Urbana-Champaign
Keynote Speaker
2021 Baekeland Awardee



George Schatz, PhD
Charles E. and Emma H. Morrison
Professor of Chemistry and of
Chemical and Biological Engineering
Northwestern University



Naomi Halas, PhD
Stanley C. Moore Professor
in Electrical and Computer Engineering
Professor of Biomedical Engineering,
Chemistry, Physics & Astronomy
Rice University



Robert W. Field, PhD
Professor of Chemistry
Post-Tenure
Massachusetts Institute of Technology



Paul Weiss, PhD
UC Presidential Chair Distinguished
Professor of Chemistry and Biochemistry,
Bioengineering Distinguished Professor
of Materials Science
University of California, Los Angeles

Registration Fee: \$15 professionals; \$5 students, retirees, unemployed
Online registration required by May 1, 2022 at www.njacs.org/baekeland due to limited seating.
Campus Directions: www.njacs.org/fdu-florham-directions

Questions? Contact Dr. Qi Gao (qi.gao1@merck.com), Chair of the 2021 Baekeland Award Committee

Organizing Committee: Lynda Box, Alan Cooper, Mohammed Elshaer, Miriam Gulotta, Bettyann Howson, Diane Krone, Cecilia Marzabadi

