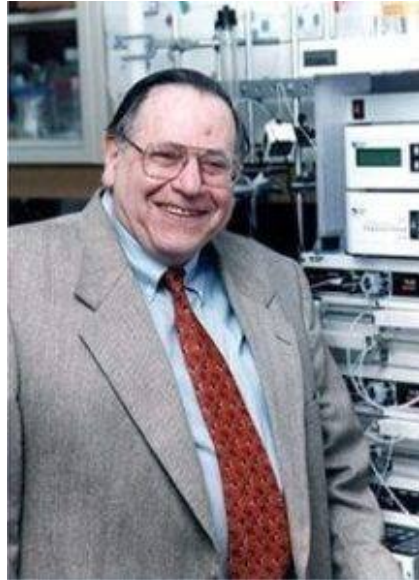




**Memorial Symposium
For Professor Ludwig (Lenny) Brand**



**Hosted by the Biology Department,
Johns Hopkins University**

Friday, 1:00pm November 4th –
Saturday, 4:00pm November 5th, 2022

Mudd Hall
Lower-Level Auditorium

Register at:
<https://bio.jhu.edu/event/lenny-brand-memorial-symposium/>





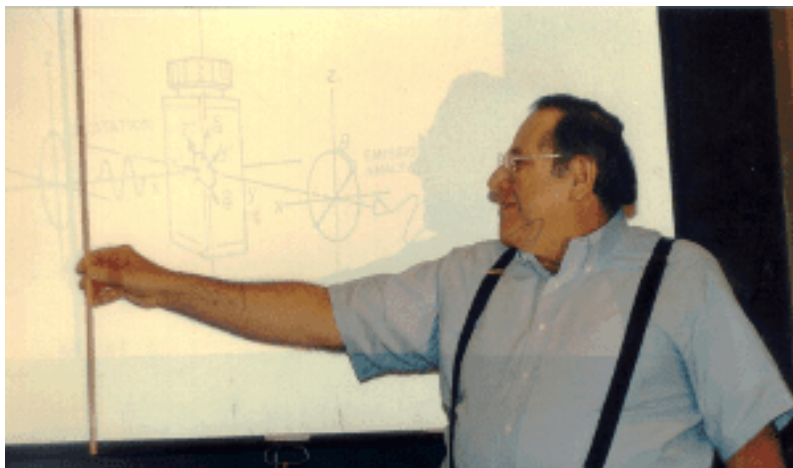
PROGRAM OF SPEAKERS





Friday – WELCOME (HYBRID on ZOOM)

1:00 – 1:10 pm	Opening Remarks <i>Dr. Vincent Hilser, Chair, Biology Department (Johns Hopkins University)</i>
Session 1	Moderator: Dr. Jay Knutson (NIH)
1:10 – 1:30 pm	From Single Photon Counting to Single Molecule Imaging, a Lifetime with Fluorescence <i>Dr. Ari Gafni, Professor Emeritus, Biochemistry & Biophysics (University of Michigan Medical School)</i>
1:30 – 1:40 pm	Friendship and Fluorescence for Fifty Years <i>Dr. Michael Edidin, Professor Emeritus, Department of Biology (Johns Hopkins University)</i>
1:40 – 2:00 pm	Memories of the Chief (with Apologies to Tárrega Eixea) <i>Dr. Robert E. Dale, Visiting Senior Research Fellow, Randall Centre of Cell and Molecular Biophysics (King's College London, UK)</i>
2:00 – 2:10 pm	The Time with Lenny <i>Dr. Yuan Chuan Lee, Academy Professor and Research Professor, Department of Biology (Johns Hopkins University)</i>
2:10 – 2:30 pm	Down the Tryptophan Rabbit Hole <i>Dr. J.B.A. (Sandy) Ross, Research & Professor Emeritus of Chemistry & Biochemistry (University of Montana-Missoula)</i>
2:30 – 3:15 pm	Coffee Break, The Atrium, First Floor, Mudd Hall.





Friday afternoon, continued:

Session 1 (cont.)	Moderator: Dr. Jay Knutson (NIH)
3:15 – 3:35 pm	Nature's Shortcut to Protein Folding <i>Dr. Elisha Haas, Professor (Bar Ilan University, Israel)</i>
3:35 – 3:45 pm	Lenny, My Lifelong Friend. <i>Dr. Harry Walter, Research Career Scientist (Retired), VA Medical Center (Long Beach, CA) and Professor In Residence of Physiology and Biophysics (University of California at Irvine)</i>
3:45 – 4:05 pm	Exciton Theory: From Measurements in Solution to Cells to Therapeutics <i>Dr. Beverly Z. Packard (OncoImmunin, Inc.)</i>
4:05 – 4:15 pm	Corralling Chaos: The View from the Outer Office <i>Donna Gaffney, Attorney at Law</i>
4:15 – 4:35 pm	Confessions of a Fugitive Spectroscopist <i>Dana Walbridge, Engineering Physicist (Fermi National Accelerator Laboratory)</i>
4:35 – 4:45 pm	Coffees with Lenny <i>Dr. Karen Fleming, Professor, Department of Biophysics (Johns Hopkins University)</i>
4:45 – 4:55 pm	Remembering Chief <i>Dr. Vikas Nanda, Professor, Department of Biochemistry (Rutgers University)</i>
4:55 – 5:15 pm	What I Had in Common with Lenny Brand <i>Dr. Enrico Gratton, Distinguished Professor, Biomedical Engineering, Physics and Astronomy, School of Engineering (University of California at Irvine)</i>
7:00 – 10:00 pm	Buffet Dinner, The Atrium, First Floor, Mudd Hall



Saturday – WELCOME (HYBRID on ZOOM)

9:00 – 9:10 am	Introduction <i>Dr. Vincent Hilser, Chair (Biology Department, Johns Hopkins University)</i>
Session 2	Moderator: Dr. Lesley Davenport (Brooklyn College, CUNY)
9:10 – 9:30 am	Teaching a Middle-Age Polish Scientist New Tricks: Insights from Dr. Brand's Lab <i>Dr. Andrzej Kowalczyk, Professor Emeritus dr. Hab, Institute of Physics (University of Nicolas Copernicus, Poland)</i>
9:30 – 9:40 am	DAS, TRES and Petit Louis <i>Dr. Catherine Royer, Chaired Constellation Professor, Department of Biological Sciences (Rensselaer Polytechnic Institute)</i>
9:40 – 10:00 am	From Wine to Womb <i>Dr. Marcel Ameloot, Professor, Biomedical Sciences (University Hasselt, Belgium)</i>
10:00 – 10:10 am	Coming to the Table with Lenny <i>Dr. Suzanne Scarlata, Richard Whitcomb Professor of Chemistry and Biochemistry (Worcester Polytechnic Institute)</i>
10:10 – 10:30 am	The Brand's Plot and the Happy End of Two TRPs of Enzyme I <i>Dr. Paolo Neyroz, Professor, Biochemistry (University of Bologna, Italy)</i>
10:30 – 11:00 am	Coffee Break, The Atrium, First Floor, Mudd Hall.
11:00 – 11:20 am	The Global Analysis of Dr. Brand <i>Dr. Joseph Beechem, Chief Scientific Officer, and Senior Vice President of Research (NanoString Technologies)</i>
11:20 – 11:30 am	How Lenny Brand Got Me to Take Biological Fluorescence Seriously <i>Dr. Sarah Woodson, Professor, Department of Biophysics (Johns Hopkins University)</i>
11:30 – 11:40 am	Lenny Brand's Contributions to the Broader Hopkins Community <i>Dr. Alan Stone, Professor, Department of Environmental Health & Engineering (Johns Hopkins University) and Dr. Kenneth Karlin, Professor, Department of Chemistry (Johns Hopkins University)</i>
11:40 – 12:00 noon	How Lenny Led Me to Ask: Do ALL Enzymes Require Water as a Co-Factor? <i>Dr. Patrik R. Callis, Regents Professor, Department of Chemistry & Biochemistry (Montana State University)</i>
12:00 – 1:30 pm	Lunch in the Atrium, First Floor, Mudd Hall.



Session 3	Moderator: Dr. Dmitri Toptygin (Johns Hopkins University)
1:30 – 1:50 pm	One Particular ‘Phase’ of Lenny Brand’s Scientific Career <i>Dr. David Jameson, Professor, Department of Cell and Molecular Biology (University of Hawaii)</i>
1:50 – 2:00 pm	Lenny Brand’s Contributions to Pulsed-Laser Photoacoustics and Human Matchmaking <i>Dr. Jeanne Rudzki Small, Program Director, Established Program to Stimulate Competitive Research, Officer of the Director, Office of Integrative Activities (National Science Foundation)</i>
2:00 – 2:10 pm	Determining Functional States of Proteins & Making Friends for a Lifetime in the Brand/Ackers Family <i>Dr. Madeline Shea, Professor, Department of Biochemistry & Molecular Biology (Carver College of Medicine, University of Iowa)</i>
2:10 – 2:30 pm	Probes and Membranes: How a Walk with Chief Started a Long-Lived Journey in Fluorescence <i>Dr. Lesley Davenport, Professor, Department of Chemistry (Brooklyn College of the City University of New York)</i>
2:30 – 2:40 pm	Three Years with Lenny Brand - Exploring the Limits of Human Endurance <i>Dr. Edward Jablonski</i>
2:40 – 3:00 pm	Associated Lifetimes with an Overdetermined Team: BigTimeScience & the Chief <i>Dr. Jay Knutson, Chief, Laboratory of Advanced Microscopy and Biophotonics (NHLBI, National Institutes of Health)</i>
3:00 – 3:20 pm	Dr. Brand's Impact on My Research, From Before We Met to 2022 JACS Paper <i>Dr. Dmitri Toptygin, Research Scientist, Department of Biology (Johns Hopkins University)</i>
3:20 – 3:30 pm	Closing Remarks <i>Dr. Vincent Hilser, Chair, Department of Biology (Johns Hopkins University)</i>



WITH VERY SPECIAL THANKS TO:



Johns Hopkins University

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ORGANIZING COMMITTEE:

- Barbara Birsit (Johns Hopkins University)
- Dr. Lesley Davenport (Brooklyn College, CUNY)
- Dr. Vincent Hilser (Johns Hopkins University)
- Cindy Holstein (Johns Hopkins University)
- Dr. Jay R. Knutson (NHLBI, NIH)
- Andrew Nechkin (Johns Hopkins University)
- Dr. Dmitri Toptygin (Johns Hopkins University)