CURRICULUM VITÆ OF KA YEE CHRISTINA LEE

Department of Chemistry
The University of Chicago
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Hong Kong Citizen
Canadian Permanent Resident
United States Permanent Resident
Born: January 26, 1964
Marital Status: Married

WORK EXPERIENCE

The University of Chicago

Assistant Professor, Department of Chemistry, June 1998–June 2002
Assistant Professor, Institute for Biophysical Dynamics, September 1999–June 2002
Assistant Professor, James Franck Institute, November 2001–June 2002
Associate Professor, Department of Chemistry, Institute for Biophysical Dynamics, James Franck Institute, July 2002–June 2008
Professor, Department of Chemistry, Institute for Biophysical Dynamics, James Franck Institute, July 2008–present
Associate Director, James Franck Institute, October 2010–June 2011
Director, Materials Research Science and Engineering Center, July 2009–August 2015
Chair, Faculty Advisory Board, UChicago Center in Hong Kong, July 2014–present
Senior Associate Vice President for Research, July 2016–present

University of California, Santa Barbara

Postdoctoral Fellow, Department of Chemical Engineering, March 1995–May 1998
Supervisor: Professor Joseph A. Zasadzinski

Stanford University

Postdoctoral Fellow, Department of Chemistry, October 1992–February 1995
Supervisor: Professor Harden M. McConnell

Universität Mainz, Germany

Visiting Scientist, Institut für Physikalische Chemie, Summer 1992
Hosts: Professor Helmuth Möhwald and Dr. Hans Riegler

EDUCATION

Harvard University

Ph.D., Applied Physics, Division of Applied Sciences, June 1992
Thesis Advisor: Professor Eric Mazur
Thesis Topic: Light Scattering at Interfaces
Worked on:

- Effects of surfactants on capillary wave damping
- Light scattering from a nonequilibrium liquid-vapor interfaces
- Thermally-induced growth at the crystalline/amorphous silicon interface

S.M., Applied Physics, Division of Applied Sciences, June 1987

Brown University
Sc.B., Electrical Engineering, Division of Engineering, May 1986
Graduated with Honors
Magna Cum Laude
Sigma Xi (Scientific Research Society)
Tau Beta Pi (Engineering Honor Society)
Honors Thesis Advisor: Professor Nabil M. Lawandy
Thesis Topic: Lorenz Instability in Quantum Optics
Worked on:

- Mathematical modeling of the Lorenz system in lasers
- Coupling of two homogeneously broadened unidirectional ring lasers

AWARDS

2016 Musselman Visiting Scientist, Gettysburg College
2013 Fellow, American Institute for Medical and Biological Engineering
2013 Inaugural Arthur L. Kelly Prize for Exceptional Faculty Service in the Physical Sciences Division
2012-2013 Phi Beta Kappa Scholar
2011-2012 Robert A. Pritzker Visiting Scientist • Inventor • Engineer in Residence
2011 Margaret Etter Lecturer, University of Minnesota
2009 Fellow, American Physical Society
2009 Astella USA Foundation Award, American Chemical Society
2009 Academic Leadership Program Fellow, Committee on Institutional Cooperation
2007 Llewellyn John and Harriet Manchester Quantrell Awards for Excellence in Undergraduate Teaching, The University of Chicago
2006 Senior Fellowship, Institute for Pure and Applied Mathematics (IPAM), UCLA,
2005 Outstanding Support of Undergraduate Research Award, Chicago Area Undergraduate Research Symposium
2002 J. & J. Neubauer Faculty Development Fellowship for Innovative and Effective Teaching, The College, The University of Chicago
2001 Sloan Research Fellow, Alfred P. Sloan Foundation
2001 Margaret Oakley Dayhoff Award, Biophysical Society
1999 Ruth Salta Junior Investigator Achievement Award in Alzheimer's Disease Research, American Health Assistance Foundation
Packard Fellow for Science and Engineering, The David and Lucile Packard Foundation
November 1999 – October 2004
1999 "40 Under 40" Award, Crain's Chicago Business
Searle Scholar Award, The Chicago Community Trust
July 1999 – June 2002
Basil O'Connor Starter Scholar Research Award, March of Dimes
February 1999 – January 2001
New Faculty Award, Camille and Henry Dreyfus Foundation
September 1998 – August 2003
National Research Service Award, Individual Postdoctoral Fellowship

July 1997 – June 1998
Department of Health and Human Services, Public Health Services

President's Postdoctoral Fellowship
July 1995 – June 1997
Office of the President, University of California

National Research Service Award, Individual Postdoctoral Fellowship
July 1995 – June 1997 (Declined)
Department of Health and Human Services, Public Health Services

National Research Service Award, Institutional Postdoctoral Fellowship
(Stanford University School of Medicine) August 1994 – February 1995
Department of Health and Human Services, Public Health Services

Wallace Prize Fellowship September 1990 – August 1991
Harvard University

Division of Applied Sciences Fellowship September 1986 – August 1987
Harvard University

PROFESSIONAL ACTIVITIES

External Advisory Committee, Department of Physics, Universität Leipzig, Germany, 2011-present

Member, Scientific Advisory Committee, ChemMatCARS, 2011-present

Member, Beamline Advisory Team, Soft Matter Interface, National Synchrotron Light Source II, Brookhaven National Laboratory, 2012-2014

Chair, Material Research Science and Engineering Center Directors, 2011-2012

Member, Editorial Board, Biophysical Journal, 2010-present

Member, Scientific Advisory Committee, Advanced Photon Source, Argonne National Laboratory, 2010-present

Member, Editorial Board, Journal of Chemical Physics, 2010-2013

Member, Editorial Board, Advances in Chemical Physics, 2009-present

Member, External Advisory Committee, Beckman Institute, University of Illinois, Urbana-Champaign, 2009-present

Member, Los Alamos Neutron Science Center Advisory Board, Los Alamos National Laboratory, 2008–2012

Executive Committee, Los Alamos Neutron Science Center User Group, Los Alamos National Laboratory, 2006–2009 (Vice-Chair, 2007; Chair, 2008)

Executive Committee, Institute for Complex Adaptive Matters, 2003–present

Chair, Fellowship Committee, Institute for Complex Adaptive Matters, 2003-present

Scientific Steering Committee, Institute for Complex Adaptive Matters, 2002–present

Executive Committee, Division of Biological Physics, American Physical Society, 2003-2006

US Chair, Organizing Committee for the 3rd German American Frontier of Chemistry, Germany, July 2004

Steering Committee, Interface between Physics and Biology, American Physical Society, October, 2002 & January, 2004

Lecturer, 2002 School: Physics of Soft Matters, Boulder School for Condensed Matter and Materials Physics, Boulder, Colorado, July 2002

Co-Organizer, MRSEC Workshop on Translation of Biomaterials Research into Biotechnology, Chicago, Illinois, April 2000

Judge, Graduate Student Award, Materials Research Society Fall Meeting, Boston, Massachusetts

Member, Advisory Committee for International Conference on Amphiphiles at Interfaces - From Structure Control to Properties, Beijing, China, May 1999

Co-Chair, 216th American Chemical Society National Meeting: Symposium on Microscopy Techniques in Biointerfacial Science, Boston, Massachusetts, August 1998

DEPARTMENTAL/UNIVERSITY SERVICES

1998-1999
Building Planning Committee
Graduate Student Recruitment Committee

1999-2000
Chair, Graduate Student Recruitment Committee
New Faculty Appointments Committee
Teaching Matters Committee
NSF Funded Materials Research Science and Engineering Center Policy Committee

2000-2001
Chair, Graduate Student Recruitment Committee
NSF Funded Materials Research Science and Engineering Center Policy Committee
Panelist, Workshop on Teaching in the College
Panelist, Class of 2002: Taking the Next Step
Speaker, Physical Sciences Division Visiting Committee Meeting

2001-2002
Director, Undergraduate Studies in Chemistry
Chemistry and Biological Chemistry Counsellor
Chair, Teaching Matters Committee
Chair, Institute for Biophysical Dynamics Seminar Committee
Graduate Student Recruitment Committee
NSF Funded Materials Research Science and Engineering Center Policy Committee
Panelist, Workshop on Teaching in the College

2002-2003
Director, Undergraduate Studies in Chemistry
Chemistry and Biological Chemistry Counselor
Chair, Teaching Matters Committee
Member, Appointments and Promotions Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Sexual Harassment Complaint Advisor
Member, Curriculum Committee, The College Council

2003-2004
Director, Undergraduate Studies in Chemistry
Chemistry and Biological Chemistry Counselor
Chair, Teaching Matters Committee
Member, Appointments and Promotions Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Sexual Harassment Complaint Advisor

Member, Curriculum Committee, The College Council
Member, The Board of Student and Campus Life
Panelist, Class of 2005: Taking the Next Step
Speaker, Joint BSD/PSD Visiting Committee Meeting
Member, Selection Committee, Goldwater Award
Member, Oversight Committee for NMR Facilities

2004-2005

Chair, Teaching Matters Committee
Director, Undergraduate Studies in Chemistry
Chemistry and Biological Chemistry Counselor
Member, Appointments and Promotions Committee, James Franck Institute
Chair, Colloquium Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Sexual Harassment Complaint Advisor
Member, Curriculum Committee, The College Council
Member, The Board of Student and Campus Life
Panelist, Science Career in Search of Women
Member, Selection Committee for the Goldwater Award
Member, Physical Sciences Division Committee on Minority Recruitment
Member, Search Committee for the Director for the Office of Minority Student Affairs
Member, Oversight Committee for NMR Facilities
Member, U of C/ANL Education Outreach and Workforce Development Working Group
Member, Committee on Interdisciplinary and Collaborative Teaching
Member, Committee on ADVANCE grant
Vice-Chair, University of Chicago Chapter of Sigma Xi

2005-2006

Member, Teaching Matters Committee
Member, Appointments and Promotions Committee, James Franck Institute
Member, Colloquium Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Member, Curriculum Committee, The College Council
Member, The Board of Student and Campus Life
Member, PSD Diversity Committee
Panelist, Postdoctoral Survival Workshop, Argonne National Laboratory
Panelist, Class of 2007: Taking the Next Step
Member, Physical Sciences Division Committee on Minority Recruitment
Member, Oversight Committee for NMR Facilities
Member, Committee on Interdisciplinary and Collaborative Teaching
Co-Chair, PSD ADVANCE Group
Board Member, University of Chicago Laboratory School
Chair, University of Chicago Chapter of Sigma Xi

2006-2007

Member, Teaching Matters Committee
Chair, Colloquium Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee

Member, Oversight Committee for NMR Facilities
Member, Committee on Interdisciplinary and Collaborative Teaching
Member, PSD Diversity Committee
Chair, PSD Women in Physical Sciences Committee
Board Member, University of Chicago Laboratory School
Board Member, The Quadrangle Club
Secretary, University of Chicago Chapter of Sigma Xi
Chair, James Franck Institute Colloquium Committee
Panelist, Do Babies Matter?
Speaker, Faculty Dinner, Women in Science
Moderator, Faculty Roundtable Project
Member, Graduate Recruitment Task Force

2007-2008
Chair, Physical Chemistry, Graduate Program Committee
Member, Appointments and Promotions Committee, James Franck Institute
Chair, Colloquium Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Member, Oversight Committee for NMR Facilities
Member, PSD Diversity Committee
Member, Graduate Recruitment Task Force
Chair, PSD Women in Physical Sciences Committee
Board Member, University of Chicago Laboratory School
Board Member, The Quadrangle Club
Discussion Leader, Workshop on Teaching
Panelist, High School College Counselor Visit
Speaker, U of Chicago Alumni Association, West Coast Caucus & East Coast Caucus
Panelist, Do Babies Matter?
Member, Argonne Educational Outreach Council
Member, Faculty Committee on China

2008-2009
Chair, Seminar Committee
Member, Teaching Matters Committee
Chair, Seminar Committee, James Franck Institute
NSF Funded Materials Research Science and Engineering Center Policy Committee
Member, Oversight Committee for NMR Facilities
Member, PSD Diversity Committee
Member, Graduate Recruitment Task Force
Chair, PSD Women in Physical Sciences Committee
Appointments Committee, Consortium of Advanced Radiation Source
Board Member, University of Chicago Laboratory School
Discussion Leader, Workshop on Teaching
Panelist, High School College Counselor Visit
Panelist, Do Babies Matter?
Faculty Host, Smart Medicine
Co-Organizer, Motherhood and Success in Science & Engineering
Member, Women in Science Project
Member, Argonne Educational Outreach Council
Member, Faculty Committee on China

2009-2010
Chair, Seminar Committee
Member, Teaching Matters Committee
Member, Appointments and Promotions Committee, James Franck Institute
Director, NSF Funded Materials Research Science and Engineering Center

Member, Oversight Committee for NMR Facilities
Member, PSD Diversity Committee
Member, Women in Physical Sciences Committee
Member, Women in Science Project
Appointments Committee, Consortium of Advanced Radiation Source
Board Member, University of Chicago Laboratory School
Panelist, High School College Counselor Visit
Member, Argonne Educational Outreach Council
Member, Faculty Committee on China
Member, Beijing Center Steering Committee
Member, Molecular Engineering Director Search Committee
Speaker, Raleigh-Durham Chicago Society Event
Panelist, Women In Science Symposium, Chicago Council on Science and Technology

2010-2011
Chair, Seminar Committee
Member, Teaching Matters Committee
Member, Appointments and Promotions Committee, James Franck Institute
Director, NSF Funded Materials Research Science and Engineering Center
Member, Oversight Committee for NMR Facilities
Member, PSD Diversity Committee
Member, Women in Physical Sciences Committee
Member, Women in Science Project
Steering Committee, Collaboration with Northwestern on STEM Women
Appointments Committee, Consortium of Advanced Radiation Source (CARS)
Scientific Advisory Committee, ChemMatCARS
Board of Governor, ChemMatCARS
Board Member, University of Chicago Laboratory School
Member, Argonne Educational Outreach Council
Member, Beijing Center Steering Committee
Member, Molecular Engineering Director Search Committee

2011-2012
Member, Appointments and Promotions Committee
Chair, Appointments and Promotions Committee, James Franck Institute
Director, NSF Funded Materials Research Science and Engineering Center
Member, Oversight Committee for NMR Facilities
Member, PSD Diversity Committee
Member, Women in Physical Sciences Committee
Member, Women in Science Project
Steering Committee, Collaboration with Northwestern on STEM Women
Appointments Committee, Consortium of Advanced Radiation Source (CARS)
Scientific Advisory Committee, ChemMatCARS
Board of Governor, ChemMatCARS
Board Member, University of Chicago Laboratory School
Member, Argonne Educational Outreach Council
Advisory Committee, Arts|Science Initiative
Member, Beijing Center Steering Committee

2012-2013
Chair, Appointments and Promotions Committee, James Franck Institute
Director, NSF Funded Materials Research Science and Engineering Center

Member, PSD Space Committee
Member, PSD Diversity Committee
Member, Women in Physical Sciences Committee
Member, Women in Science Project
Steering Committee, Collaboration with Northwestern on STEM Women
Appointments Committee, Consortium of Advanced Radiation Source (CARS)
Scientific Advisory Committee, ChemMatCARS
Board of Governor, ChemMatCARS
Board Member & Member of Governance Committee, University of Chicago Laboratory School
Member, Beijing Center Steering Committee
Advisory Committee, Arts|Science Initiative
Member, Health Professions Advisory Committee

2013-2014
Director, NSF Funded Materials Research Science and Engineering Center
Chair, Teaching Matters Committee
Director, Undergraduate Studies in Chemistry and Biological Chemistry
Member, Biophysical Chemistry/Chemical Biology Search Committee
Member, PSD Diversity Committee
Member, PSCD Governing Committee
Member, Women in Physical Sciences Committee
Steering Committee, Collaboration with Northwestern on STEM Women
Appointments Committee, Consortium of Advanced Radiation Source (CARS)
Board Member & Member of Governance Committee, University of Chicago Laboratory School
Member, Beijing Center Steering Committee
Advisory Committee, Arts|Science Initiative
Member, Argonne National Laboratory Director Reappointment Committee
Member, Health Professions Advisory Committee

2014-2015
Director, NSF Funded Materials Research Science and Engineering Center
Chair, Teaching Matters Committee
Director, Undergraduate Studies in Chemistry and Biological Chemistry
Chair, Faculty Advisory Board, University of Chicago Center in Hong Kong
Member, PSD Diversity Committee
Member, University Diversity Advisory Council
Member, PSCD Governing Committee
Member, PSCD Master Review Committee
Member, Beijing Center Steering Committee
Advisory Committee, Arts, Science and Culture Initiative
Member, UChicago Arts & Disciplines Committee
Member, Argonne National Laboratory Physical Science and Engineering Associate Division Leader Search Committee
Member, Argonne National Laboratory Photon Science Center Associate Division Leader Search Committee

2015-2016
Chair, Teaching Matters Committee
Director, Undergraduate Studies in Chemistry and Biological Chemistry
Chair, Faculty Advisory Board, University of Chicago Center in Hong Kong
Member, NSF Funded Materials Research Science and Engineering Center Policy Committee

Member, University Diversity Advisory Council
Member, PSCD Governing Committee
Member, Beijing Center Steering Committee
Advisory Committee, Arts, Science and Culture Initiative
Member, UChicago Arts & Disciplines Committee
Member, Argonne National Laboratory X-ray Science Division Associate Division Leader Search Committee

REFEREE SERVICE

Alzheimer's Association (research proposals)
Angewandte Chemie
Biochemistry
Biophysical Journal
ChemPhysChem
Colloids and Surfaces A
Department of Energy (research proposals)
European Physical Journal
Journal of the American Chemical Society
Journal of Chemical Physics
Journal of Physical Chemistry
Langmuir
National Science Foundation (research proposals, panels)
National Science Foundation (graduate fellowship proposals)
Physical Review Letters
Physical Review E
Proceedings of the National Academy of Sciences
Science

CURRENT GROUP MEMBERS

Postdoctoral Fellow

Peter Chung	(Physics)

Graduate Students

Charles Heffern	(Chemistry)
Zhiliang Gong	(Chemistry)
Daniel Kerr	(Biophysics)
Luke Hwang	(Chemistry)
Benjamin Slaw	(Chemsitry)

Undergraduate Students

Andrew Molina	(Chemistry)
Alessandra Leong	(Chemistry)

Technician

FORMER GROUP MEMBERS

Postdoctoral Research Fellow

Haim Diamant	(Associate Professor, Tel Aviv University, Israel)
David Gidalevitz	(Assistant Professor, Illinois Institute of Technology)
Josh Kurutz	(NMR Facility Manager, Northwestern University)
Toan T. Nguyen	(Associate Professor, Georgia Institute of Technology)
Eva Chi	(Associate Professor, U of New Mexico, Albuquerque)
Genevra Clark	(Director, Science Learning Center, U of Illinois, Chicago)
Niels Holten-Andersen	(Assistant Professor, Massachusetts Institute of Technology)
Jia-yu Wang	(Senior Chemist, Nalco)

Graduate Student

Adrian Muresan	(Technical Director, International Flavors &Fragrance, The Netherlands)
Ajaykumar Gopal	(VP of Growth and Data Science, eCard.com)
Canay Ege	(Senior Process Engineer, Intel)
Guohui Wu	(Senior Project Manager, Unilever)
Maria K. Ratajczak	(Postdoctoral Fellow, University of Brisbane, Australia)
Yuji Ishitsuka	(Postdoctoral Fellow, Univ. of Illinois,Urbana-Champaign)
Shelli Frey	(Associate Professor, Gettysburg College)
Kin Lok Lam	(COO, JetCredit, Enova International)
Steve Danauskas	(Senior Software Engineer, FactSet Research Systems, Inc.)
Luka Pocivavsek	(Surgical Residence, University of Pittsburgh Medical Center)
Jaemin Chin	(Chicago)
Gregory Tietjen	(Postdoctoral Fellow, Yale University)
Kathleen Cao	(Visiting Professor, Gettysburg College)
J. Michael Henderson	(Postdoctoral Fellow, Institut Curie, France)

Undergraduate Students

Moonchaya Piboon	(Researcher, Geo- Informatics and Space Technology Development Agency, Thailand)
Chutima Jiarpinitnun	(Assistant Professor, Mahidol University, Thailand)
Katie Lemberg	(MD/PhD Student, Columbia University)
Winnie Cheung	(The Chinese University of Hong Kong)
Bart Lau	(The Chinese University of Hong Kong)
Stacey Maskarinec	(Fellow, Duke Medical School)
Donna Wilson	(Graduate Student, John Jay University)
Chris Ko	(eFX Quantitative Tradeing, HSBC)
Mark Kittsopikul	(Postodc, UT Southwestern Medical School)
Amy Winans	(Postdoc, Stanford University)
Ting Ann Siaw	(Postdoc, UCSB)
Travis Blane	(Graduate Student, UC San Diego)
Matthew Chapman	(Graduate Student, UC Berkeley)
Kseniya Garilov	(Postdoc, Duke University)
Emily Hall	(U of Chicago 2010)
Oliver Shafaat	(Graduate Student, Caltech)
Andrea Wan	(Structural Project Engineer, DCI Engineers)
Vivi DeMarco	(Apprentice, Ballet Nebraska)
Vanessa Acon	(Graduate Student, U of Michigan)
Jessica Lenis	(Process Engineer, ARS Group)
Dane Christie	(Graduate Student, Princeton University)
Wenyi Xie	(Graduate Student, North Carolina State University)

Neil Roy	(Undergraduate, CCNY)
Nishanth Iyengar	(Medical Student, New York University)

High School Students

Madeleine Walsh	(Undergraduate, Princeton University)
Karen Chien	(Undergraduate, Boston College)
Yishan Chen	(Illinois Math and Science Academy)
Stephanie Chang	(Illinois Math and Science Academy)
Andy Kern	(Resident, New York Presbyterian Hospital – Columbia Campus)
Leah Sibener	(Graduate Student, Stanford University)
Victoria Ha	(Boston University '15)
Jeffrey Kwong	(Undergraduate, Stanford University)
Jennifer Pan	(Undergraduate, Massachusetts Institute of Technology)
Rachel Rezko	(Undergraduate, Kalamazoo College)
Tammy Chen	(Undergraduate, Boston College)
Izel Martinez	(Lindblom Math and Science Academy '13)
Alice Yu	(Undergraduate, University of Pennsylvania)
Omobolaji Opakunle	(Undergraduate, DePaul University)
Amber Abogunrin	(Undergraduate, Iowa State University)
Nathanial Posner	(Undergraduate, Vassar College)
Jada Brown	(Gates Millennium Scholar, University of Illinois at Urbana-Champaign)
Tiffany Suwatthee	(Undergraduate, The University of Chicago)

Publications

1. *Coupled Lorenz Systems, Cusp Maps, and the Lowering of the Second Laser Threshold*
N.M. Lawandy, D.V. Plant, and Kayee Lee, *Physical Review A* 34, 2 (1986) 1247-1250.

2. *A Signature for the Lorenz Instability in Quantum Optics*
N.M. Lawandy, M. David Selker, and Kayee Lee, *Optics Communications* 61, 2 (1987) 134-136.

3. *Stability Analysis of Two Coupled Lasers and the Coupling-Induced Periodic -> Chaotic Transition*
N.M. Lawandy and Kayee Lee, *Optics Communications* 61, 2 (1987) 137-141.

4. *Light Scattering from the Nonequilibrium Interface*
Doo Soo Chung, Ka Yee Lee, and Eric Mazur, *International Journal of Thermophysics* 9 (1988) 729-737.

5. *Fourier Transform Heterodyne Spectroscopy of Liquid Interfaces*
Ka Yee Lee, Doo Soo Chung, Sung Rno, and Eric Mazur, in *Laser Materials and Laser Spectroscopy*, eds. Z. Wang and Z. Zhang (World Scientific, Singapore, 1989) 316-319.

6. *Milli-Hertz Surface Spectroscopy*
Eric Mazur, Doo Soo Chung, and Ka Yee Lee, in *Laser Spectroscopy IX,* eds. M. Feld, A. Mooradian, and J. Thomas (Academic Press, Cambridge, 1989) 216-219.

7. *Spectral Asymmetry in the Light Scattered from a Nonequilibrium Liquid Interface*
Doo Soo Chung, Ka Yee Lee, and Eric Mazur, *Physics Letters A,* 145 (1990) 348-352.

8. *Direct Optical Measurements of Capillary Wave Damping at Liquid-Vapor Interfaces*
Ka Yee Lee, Tom Chou, and Eric Mazur, *International Conferences on Quantum Electronics – Digest of Technical Papers* (1992) 308.

9. *Quantized Shape Transitions in Lipid Monolayer Domains: Theory and Experiment*
Ka Yee C. Lee, and Harden M. McConnell, *Journal of Physical Chemistry* 97 (1993) 9532-9539.

10. *Direct Measurement of Capillary Wave Damping of Surfactant-Covered Liquid Interfaces*
Ka Yee Lee, Tom Chou, Doo Soo Chung, and Eric Mazur, *Journal of Physical Chemistry* 97 (1993) 12876-12878.

11. *Electric Field Induced Concentration Gradients in Lipid Monolayers*
Ka Yee C. Lee, Jürgen F. Klingler, and Harden M. McConnell, *Science* 263 (1994) 655-658.

12. *Effect of Electric Field Gradients on Lipid Monolayer Membranes*
Ka Yee C. Lee, and Harden M. McConnell, *Biophysical Journal* 68 (1995) 1740-1751.

13. *Phase and Morphology Changes Induced by SP-B Protein and Its Amino-Terminal Peptide in Lipid Monolayers*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *Science* 273 (1996) 1196-1199.

14. *Fourier-transform Heterodyne Spectroscopy of Liquid and Solid Surfaces*
Doo Soo Chung, Ka Yee Lee, and Eric Mazur, *Applied Physics B* 64 (1997) 1-13.

15. *Solving Medical Problems with Chemical Engineering*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *ChemTech*, March (1997) 42-57.

16. *Fluorescence, Polarized Fluorescence, and Brewster Angle Microscopy of Palmitic Acid and Lung Surfactant Protein B Monolayers*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *Biophysical Journal* 72 (1997) 2783-2804.

17. *Design and Performance of an Integrated Fluorescence, Polarized Fluorescence, and Brewster Angle Microscope/Langmuir Trough Assembly for the Study of Lung Surfactant Monolayers*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *Review of Scientific Instruments* 68 (1997) 2574-2582.

18. *Effects of Lung Surfactant Specific Protein SP-B and Model SP-B Peptide on Lipid Monolayers at the Air-Water Interface*
Ka Yee C. Lee, Michael M. Lipp, Joseph A. Zasadzinski, and Alan J. Waring, *Colloids and Surfaces A* 128 (1997) 225-242.

19. *Protein and Lipid Interactions in Lung Surfactant Monolayers*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *Progress in Colloid and Polymer Science* 103 (1997) 268-279.

20. *Apparatus for the Continuous Monitoring of Surface Morphology via Fluorescence Microscopy during Monolayer Transfer to Substrates*
Ka Yee C. Lee, Michael M. Lipp, Dawn Y. Takamoto, Evgeny Ter-Ovanesyan, and Joseph A. Zasadzinski, *Langmuir* 14 (1998) 2567-2572.

21. *Direct Observation of Phase and Morphology Changes Induced by Lung Surfactant Protein SP-B in Lipid Monolayers via Fluorescence, Polarized Fluorescence, and Atomic Force Microscopies*
Ka Yee C. Lee, Michael M. Lipp, Dawn Y. Takamoto, Joseph A. Zasadzinski, and Alan J. Waring, *Proceedings of the SPIE - Laser Techniques for Condensed Phase and Biological Systems* 3273 (1998) 115-133.

22. *Coexistence of Buckled and Flat Monolayers*
Michael M. Lipp, Ka Yee C. Lee, Joseph A. Zasadzinski, and Alan J. Waring, *Physical Review Letters* 81 (1998) 1650-1653.

23. *Packing Stress Relaxation in Polymer-Lipid Monolayers at the Air-Water Interface: An X-ray Grazing Incidence Diffraction and Reflectivity Study*
Tonya L. Kuhl, Jaroslaw Majewski, Paul B. Howes, Kristian Kjaer, Anja von Nahmen, Ka Yee C. Lee, Ben Ocko, Jacob N. Israelachvili, Greg S. Smith, *Journal of the American Chemical Society* 121 (1999) 7682-7688.

24. *Conformational Mapping of the N-terminal Segment of Surfactant Protein B in Lipid Using ^{13}C-enhanced Fourier Transform Infrared Spectroscopy*
Larry M. Gordon, Ka Yee C. Lee, Michael M. Lipp, Joseph A. Zasadzinski, Frans J. Walther, Mark A. Sherman, and Alan J. Waring, *Journal of Peptide Research* 55 (2000) 330-347.

25. *The Incorporation of Lung Surfactant Specific Protein SP-B into Lipid Monolayers at the Air-Fluid Interface: A Grazing Incidence X-ray Diffraction Study*
Ka Yee C. Lee, Jaroslaw Majewski, Tonya Kuhl, Paul B. Howes, Kristian Kjaer, Michael M. Lipp, Alan J. Waring, Joseph A. Zasadzinski, and Greg S. Smith, *Materials Research Society Symposium Proceedings: Applications of Synchrotron Radiation Techniques to Materials Science V*, 590 (2000) 177-182.

26. *Unstable Topography of Biphasic Surfactant Monolayers*
Haim Diamant, Thomas A. Witten, Ajaykumar Gopal, and Ka Yee C. Lee, *Europhysics Letters* 52, 2 (2000) 171-177.

27. *Shape Evolution of Lipid Bilayer Patches Adsorbed on Mica: An Atomic Force Microscopy Study*
Adrian S. Muresan, and Ka Yee C. Lee, *Journal of Physical Chemistry B* 105, 4 (2001) 852-855.

28. *Effects of Lung Surfactant Proteins SP-B and SP-C and Palmitic Acid on Monolayer Stability*
Junqi Ding, Dawn Y. Takamoto, Anja von Nahmen, Michael M. Lipp, Ka Yee C. Lee, Alan J. Waring, and Joseph A. Zasadzinski, *Biophysical Journal* 80 (2001) 2262-2272.

29. *Topography and Instability of Monolayers Near Domain Boundaries*
Haim Diamant, Thomas A. Witten, Canay Ege, Ajaykumar Gopal and Ka Yee C. Lee, *Physical Review E* 63 (2001) 061602.

30. *Interaction of Lung Surfactant Proteins with Anionic Phospholipids*
Dawn Y. Takamoto, Michael M. Lipp, Anja von Nahmen, Ka Yee C. Lee, A.J. Waring, and Joseph A. Zasadzinski, *Biophysical Journal* 81 (2001) 153-169.

31. *Synchrotron X-ray Study of Lung Surfactant Specific Protein SP-B in Lipid Monolayers*
Ka Yee C. Lee, Jaroslaw Majewski, Tonya Kuhl, Paul B. Howes, Kristian Kjaer, Michael M. Lipp, Alan J. Waring, Joseph A. Zasadzinski, and Greg S. Smith, *Biophysical Journal* 81 (2001) 572-585.

32. *Effect of Temperature and Composition on the Formation of Nanoscale Compartments in Phospholipid Membranes*
Adrian S. Muresan, Haim Diamant, and Ka Yee C. Lee, *Journal of the American Chemical Society* 123 (2001) 6951-6952.

33. *Morphology and Collapse Transitions in Binary Phospholipid Monolayers*
Ajaykumar Gopal, and Ka Yee C. Lee, *Journal of Physical Chemistry B* 105 (2001) 10348-10354.

34. *Influence of Palmitic Acid and Hexadecanol on the Phase Transition Temperature and Molecular Packing of Dipalmitoylphosphatidylcholine Monolayers at the Air-Water Interface*
Ka Yee C. Lee, Ajaykumar Gopal, Anja von Nahmen, Joseph A. Zasadzinski, Jaroslaw Majewski, Greg S. Smith, Paul B. Howes, and Kristian Kjaer, *Journal of Chemical Physics* 116 (2002) 774-783.

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112. *Tailoring Biomimetic Phosphorylcholine-Containing Block Copolymers as Membrane-targeting Cellular Rescue Agents*
Jia-Yu Wang, Wei Chen, Michihiro Nagao, Phullara Shelat, Brenton A. G. Hammer, Gregory Tietjen, Kathleen D. Cao, J. Michael Henderson, Lilin He, Binhua Lin, Bulent Akgun, Mati Meron, Shuo Qian, Jeremy Marks, Todd Emrick, and Ka Yee C. Lee, submitted

113. *Lipid membrane mediates long-range interactions between linear aggregates of membrane-curving proteins*
Mijo Simunovic, Anđela Šarić, J. Michael Henderson, Ka Yee C. Lee, Gregory Voth, submitted

114. "Raft" Effects on Membrane Fluidity
Amit K. Sachan, Siyoung Q. Choi, and K.H. Kim, Q. Tang, Luke Hwang, Ka Yee C. Lee, Todd M. Squires and Joseph A. Zasadzinski, submitted

*Invited papers

Invited Talks

1. *Light Scattering on Liquid Surfaces*
   Applied Physics Department, Yale University, New Haven, Connecticut, April 1991

2. *Optical Studies of Capillary Waves at Liquid-Vapor Interfaces*
   Physics Department, University of Massachusetts, Lowell, Massachusetts, April 1992

3. *Differential Light Scattering Technique for the Direct Measurement of Capillary Wave Damping*
   Eighth Interdisciplinary Laser Science Conference, Albuquerque, New Mexico, September 1992

4. *Optical Studies of Capillary Waves and Monolayers at Liquid-Vapor Interfaces*
   Department of Physics, Williams College, Williamstown, Massachusetts, March 1993

5. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
   Department of Chemistry, Massachusetts Institute of Technology, Cambridge, Massachusetts, December 1993

6. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
   Department of Physics, Williams College, Williamstown, Massachusetts, January 1994

7. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
   Department of Physics, University of California, Berkeley, California, January 1994

8. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
   Department of Chemistry, Oregon State University, Corvallis, Oregon, February 1994

9. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
   Physics Department, Harvard University, Cambridge, Massachusetts, February 1994

10. *Structures and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
    Physics Department, Chinese University of Hong Kong, New Territories, Hong Kong, September 1994

11. *Shapes and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
    UCLA/UCSB Joint Complex Fluid Workshop, University of California, Los Angeles, California, October 1995

12. *Shapes and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
    Department of Physics, California State University, Long Beach, California, November 1995

13. *Shapes and Dynamics of Lipid Monolayer Domains at the Air-Water Interface*
    Department of Physics, University of Texas, Austin, Texas, November 1995

14. *The Physics of Human Lung Surfactant*
    Department of Physics, University of Pennsylvania, Philadelphia, Pennsylvania, March 1996

15. *The Physics of Human Lung Surfactant*
Department of Applied Physics, California Institute of Technology, Pasadena, California, May 1996

16. *The Physics of Human Lung Surfactant*
Department of Chemical and Biochemical Engineering and Materials Science, University of California, Irvine, California, May 1996

17. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, University of Washington, Seattle, Washington, November 1996

18. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, Brandeis University, Waltham, Massachusetts, December 1996

19. *The Function of SP-B Protein in Human Lung Surfactant*
Department of Biochemistry, Universität Münster, Münster, Germany, December 1996

20. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, University of Chicago, Chicago, Illinois, January 1997

21. *On Human Lung Surfactant and Beyond - A Physical Chemistry Approach to Interfacial Medicine*
Department of Chemistry, University of Washington, Seattle, Washington, January 1997

22. *The Chemical Engineering Perspective of Human Lung Surfactant*
Department of Chemical Engineering, Northwestern University, Evanston, Illinois, January 1997

23. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, University of Maryland, College Park, Maryland, January 1997

24. *The Chemistry of Human Lung Surfactant*
Department of Chemistry, University of California, Santa Barbara, California, January 1997

25. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, University of California, Berkeley, California, January 1997

26. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, University of Minnesota, Minneapolis-St. Paul, Minnesota, January 1997

27. *The Physics of Human Lung Surfactant*
Department of Physics, University of California, Santa Barbara, California, February 1997

28. *The Chemistry of Human Lung Surfactant*
Department of Chemistry, Duke University, Durham, North Carolina, February 1997

29. *The Chemistry of Human Lung Surfactant*
Department of Chemistry, University of Virginia, Charlottesville, February 1997

30. *The Biophysical Chemistry of Human Lung Surfactant*
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31. *The Function of SP-B Protein in Human Lung Surfactant*
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32. *The Chemical Engineering Perspective of Human Lung Surfactant*
Department of Chemical Engineering, Carnegie Mellon University, Pittsburgh, Pennsylvania, February 1997

33. *The Physics of Human Lung Surfactant*
Department of Physics, University of Arizona, Tucson, Arizona, February 1997

34. *The Physics of Human Lung Surfactant*
Department of Physics, University of Michigan, Ann Arbor, Michigan, February 1997

35. *Structure and Dynamics of Lipid Monolayer Domains at the Air/Water Interface*
Department of Chemical Engineering, University of California, Berkeley, California, February 1997

36. *The Physical Chemistry of Human Lung Surfactant*
Department of Chemistry, Harvard University, Cambridge, Massachusetts, March 1997

37. *Direct Observation of Lipid/Protein Interactions Using Optical Microscopy*
FASEB Summer Research Conference - Amyloid and Other Abnormal Protein Assembly Processes, Copper Mountain, Colorado, July 1997

38. *Phase and Morphology Changes Induced by Lung Surfactant Protein SP-B in Lipid Monolayers*
Photonics West LASE '98 Conference, San Jose, California, January 1998

39. *Collapse Mechanism in Lung Surfactant Systems*
216th American Chemical Society National Meeting, Boston, Massachusetts, August 1998

40. *Direct Observation of Phase and Morphology Changes Induced by SP-B Protein in Lung Surfactant Monolayers*
Department of Chemistry, University of Illinois, Chicago, Illinois, September 1998

41. *Direct Observation of Phase and Morphology Changes Induced by SP-B Protein in Lung Surfactant Monolayers*
Department of Chemical Engineering, University of Michigan, Ann Arbor, Michigan, November 1998

42. *Collapse Mechanism in Human Lung Surfactant Systems*
Interdivisional Research Institute Seminar Series, The University of Chicago, Chicago, Illinois, January 1999

43. *Collapse Mechanism in Human Lung Surfactant Systems*
Condensed Matter Colloquium, Harvard Universtiy, Cambridge, Massachusetts, March 1999

44. *Collapse Mechanism in Human Model Lung Surfactant Systems*

Amphiphiles at Interfaces – From Structure Control to Properties, Beijing, China, May, 1999

45. *Collapse Mechanism in Human Model Lung Surfactant Systems*
Department of Physics, Chinese University of Hong Kong, New Territories, Hong Kong, June, 1999

46. *Collapse Mechanism in Lung Surfactant System*
Department of Chemistry, University of Wisconsin, Milwaukee, Wisconsin, October, 1999

47. *Collapse Mechanism in Lung Surfactant System*
Department of Chemistry, University of Notre Dame, Notre Dame, Indiana, October, 1999

48. *The Science of Breathing*
The Pew Midstates Science and Mathematics Consortium Undergraduate Research Symposium, The University of Chicago, November, 1999

49. *Collapse Mechanism in Lung Surfactant System*
LANSCE Users Meeting, Los Alamos, New Mexico, January, 2000

50. *Collapse Mechanism in Lung Surfactant System*
Department of Physics, University of Illinois at Chicago, Chicago, Illinois, April, 2000

51. *Collapse Mechanism in Lung Surfactant System*
Department of Physics, University of California, Irvine, California, April, 2000

52. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Center on Polymer Interfaces and Macromolecular Assemblies, Stanford University, Stanford, California, June, 2000

53. *Collapse Mechanism in Lung Surfactant System*
Workshop on Structure, Dynamics and Charge Transport in Polymeric Materials, Argonne National Laboratory, Argonne, Illinois, June, 2000

54. *Lipid-Protein Interactions at Interfaces: From Alzheimer's Amyloid-Beta to Antimicrobial Peptides*
Gordon Summer Research Conference - Chemistry at Interfaces, Meriden, New Hampshire, July, 2000

55. *Collapse Mechanism in Lung Surfactant System*
Gordon Summer Research Conference - Complex Fluids, Rhode Island, August, 2000

56. *Reversible Folding Collapse in Lipid Monolayers*
Ninth International Conference on Organized Molecular Films, Gölm, Germany, August 2000

57. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Department of Materials Engineering, University of Illinois, Urbana-Champagne, Illinois, October, 2000

58. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Department of Chemistry, Wabash College, Crawfordsville, Indiana, November, 2000

59. *Collapse Mechanism in Lung Surfactant System*
Department of Biochemistry, University of Western Ontario, London, Ontario, Canada, December, 2000

60. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Chemistry Division, Argonne National Laboratory, Argonne, Illinois, January, 2001

61. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Naval Research Laboratory, Washington, D.C., February, 2001

62. *Collapse Mechanism in Lung Surfactant Systems*
Department of Physics, University of Pennsylvania, Philadalphia, Pennsylvania, February, 2001

63. *Collapse Mechanism in Lung Surfactant Systems*
Plenary Lecture, Awards Symposium, Biophysical Society Meeting, Boston, Massachusetts, February, 2001

64. *Interactions of Alzheimer's Amyloid-Beta Peptides with Lipid Membranes*
Biophysical Society Meeting, Boston, Massachusetts, February, 2001

65. The Physics of Breathing
American Physical Society Regional Meeting, Kent, Ohio, April, 2001

66. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Department of Chemistry, Northwestern University, Evanston, Illinois, April, 2001

67. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Los Alamos National Laboratory, Los Alamos, New Mexico, May, 2001

68. *Lipid-Protein Interactions at Interfaces*
Nonlinear Workshop, Northwestern University, Evanston, Illinois, May, 2001

69. *The Science of Breathing*
Museum of Science and Industry, Chicago, Illinois, August, 2001 (postponed)

70. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Department of Chemistry, Harvard University, Cambridge, Massachusetts, October, 2001

71. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Department of Chemistry, Andrews College, October, 2001

72. *Interaction of Alzheimer's Amyloid-Beta Peptides with Lipid Membranes*
Physical Properties of Amyloid Diseases Workshop, ICAM, San Francisco, California, November, 2001

73. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Workshop on Self Organizing Biomolecules – The Evolving Picture, ICAM, Santa Fe, New Mexico, January, 2001

74. *Lipid-Protein Interactions at Interfaces*
Department of Physics, Boston University, Boston, Massachusetts, January, 2002

75. *The Science of Breathing*
Museum of Science and Industry, Chicago, Illinois, February, 2002

76. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides*
Deparment of Chemistry and Biochemistry, UCLA, Los Angeles, California, February, 2002

77. *The Physcis of Breathing*
Public Lecture, Univeristy of Colorado, Boulder, Colorado, July, 2002

78. *Direct Observation of Block Copolymer Modification of Cell Membranes*
Gordon Research Conference–Biochemistry, South Hagley, Massachusetts, July, 2002

79. *2D-3D Transitions in Lung Surfactant*
XIX International Union of Crystallography Meeting, Geneva, Switzerland, August, 2002

80. *Direct Observations of Phase and Morphology Changes Induced by SP-B Protein in Lung Surfactant Monolayers*
Laboratorium fuer Organische Chemie, Eidgenoessische Technische Hochschule, Zürich, Switzerland, August, 2002

81. *2D-3D Transitions in Lung Surfactant Systems*
Second German American Symposium "Frontiers of Chemistry", Durham, New Hampshire, August, 2002

82. *Direct Observations of Phase and Morphology Changes Induced by SP-B Protein in Lung Surfactant Monolayers*
Oils and Fats International Conference 2002, Kuala Lumpur, Malaysia, October, 2002

83. 2D-*3D Transitions in Lung Surfactant*
Midwest Solid State Conference, University of Illinois, Urbana-Champaign, Illinois, October, 2002

84. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
Department of Chemistry, Purdue University, West Lafayette, Indiana, October, 2002

85. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
Department of Biomedical Engineering, Rice University, Houston, Texas, November, 2002

86. *Lipid-Protein Interactions at Interfaces*
Interdivisional Research Building Groundbreaking Minisymposium, The University of Chicago, Chicago, Illinois, November, 2002

87. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
Department of Physics, Chinese University of Hong Kong, Shatin, Hong Kong, December, 2002

88. *Lipid-Protein Interactions at Interfaces: From Alzheimer's Amyloid-Beta Peptides to Poloxamer*
Beckman Institute, University of Illinois, Urbana-Champaign, Illinois, December, 2002

89. *Block Copolymers as Membrane Sealants*
Polymer West, Gordon Research Conference, Ventura, California, January, 2003

90. *The Biophysics of Lung Surfactant*
Section on Neonatology, The University of Chicago, Chicago, Illinois, March 2003

91. *X-ray and Neutron Scattering from Model Membranes β-amyloid Peptides*
ACS National Meeting, New Orleans, Louisiana, March, 2003

92. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Alzheimer's Beta Amyloid Peptide*
Department of Chemistry, Penn State University, University Park, Pennsylvania, April 2003

93. *Collapse Mechanism in Lung Surfactant*
Department of Chemistry, Amherst College, Amherst, Massachusetts, April 2003

94. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamers*
Department of Chemistry, Michigan State University, East Lansing, Michigan, April 2003

95. *X-ray Scattering Studies of Lipid-Protein Interactions at Interfaces*
Workshop on Self-Assembly (Nanoscience B), APS users meeting, Argonne National Laboratory, Argonne, Illinois, April 2003

96. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamers*
Department of Chemistry, Texas A&M University, College Station, Texas, April 2003

97. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
National Institute of Alcohol Abuse and Alcoholism, NIH, Rockville, Maryland, June 2003

98. *Collapse Mechanism in Lung Surfactant*
XIXth Conference on the Dynamics of Molecular Collisions, Lake Tahoe, Nevada, July 2003

99. *Lipid-Protein Interactions at Interfaces: From Antimicrobial Peptide to Alzheimer's Amyloid-Beta Peptide*
Medtronic, Minneapolis, Minnesota, October 2003

100. *Collapse Mechanism in Lung Surfactant*
Symposium, American Chemical Society – Minnesota Section, Minneapolis, Minnesota, October, 2003

101. *Poloxamers as Membrane Sealant*

3M Corporation, Minneapolis, Minnesota, October 2003

102. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptide*
Department of Chemistry, Iowa State University, Ames, Iowa, December 2003

103. *Mechanism of Membrane Seaing by Poloxamers*
Membrane Biophysics Symposium, University of Michigan, Ann Arbor, December 2003

104. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
Department of Pharmaceutical Sciences, University of Illinois at Chicago, Chicago, January 2004

105. *Interactions Between Ab Peptides and Model Membrane Systems*
ICAM Protein Misaggregation Meeting, Boston, February 2004

106. *Lipid Corralling and Poloxamer Squeeze-out in Membranes*
PittCon 2004, Chicago, March 2004

107. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Membrane Sealing Poloxamer*
Department of Chemistry, University of Rochester, Rochester, March 2004

108. Interaction of Alzheimer's Amyloid Beta (Ab) Peptides with Model Membranes
APS March Meeting, Montreal, Canada, March 2004

109. *Lipid Corralling and Poloxamer Squeeze-out in Membranes*
ACS 227th National Meeting, Anaheim, California, March 2004

110. *Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer*
Department of Chemistry, Cornell University, April 2004

111. *How Does a Triblock Copolymer Seal a Damaged Membrane?*
The James Franck Institute, The University of Chicago, Chicago, May 2004

112. *Lipid Corralling and Poloxamer Squeeze-out in Membranes*
Biological Membranes: Emerging Challenges at the Interface between Theory, Computer Simulation, and Experiment, Sun Valley, Idaho, June 2004

113. *Lipid Coralling and Poloxamer Squeeze-out*
Workshop on Membrane Science, Argonne National Laboratory, Argonne, Illinois
August 2004

114. *Teaching Science in An Interdisciplinary World*
IERI Meeting, Pentagon City, Virginia, September 2004

115. Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Membrane Sealing Poloxamer
Department of Chemistry, University of California at Berkeley, November 2004

116 State of I2CAM
US/Egypt Materials Workshop, Cairo, Egypt, December 2004

117. Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Membrane Sealing Poloxamer
Department of Physics, Swarthmore College, Swarthmore, Pennsylvania, February 2005

118. Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer
Department of Physics, Florida State University, Tallahassee, Florida, February 2005

119. Cholesterol/phospholipid Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
ACS 229th National Meeting, San Diego, California, March 2005

120. Lipid Corralling and Polymer Squeeze-out in Membranes
APS March Meeting, Los Angeles, California, March 2005

121. Interactions of Poloxamers and Cholesterol with Phospholipids at the Interface
Biophysics Seminar Series, Northwestern University, Evanston, Illinois, April 2005

122. Normal and Damaged Membranes: Biological and Biophysical Actions and Interactions
Committee on Molecular Medicine, The University of Chicago, Chicago, Illinois, April 2005

123. Interactions of Poloxamers and Cholesterol with Phospholipids at the Interface
Department of Physics, Oklahoma State University, Stillwater, Oklahoma, April 2005

124. Lipid Corralling and Poloxamer Squeeze-out in Membranes
North Dakota State University, Fargo, North Dakota, April 2005

125. Challenges for Women In Science
Women in Science Luncheon Meeting, North Dakota State University, Fargo, North Dakota, April 2005

126. 2D-3D Collapse Transitions in Rigid and Fluid Lipid Monolayers
KnoblerFest, Univeristy of California at Los Angeles, Los, Angeles, California, May 2005

127. Cholesterol/phospholipids Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
2005 Users Meeting for the Advanced Photon Source and the Center for Nanoscale Materials, Argonne National Laboratory, Argonne, Illinois, May 2005

128. Membrane Sealing by Poloxamers
Gordon Research Conference on Liquid Crystal, New London, New Hampshire, June 2005

129. Interaction of Alzheimer's Amyloid-beta Peptides with Lipid Membranes

Gordon Research Conference on Thin Organic Films, Newport, Rhode Island, July 2005

130. Interaction of Antimicrobial Peptides and Peptide Mimics with Lipid Membranes
Gordon Research Conference on Physics and Chemistry of Liquids, New Hampshire, July 2005

131. Triblock Copolymer as a Membrane Sealant
First Biomolecular Interaction Symposium, The University of Chicago, Chicago, Illinois, December 2005

132. Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Poloxamer
Department of Chemistry and Chemical Biology, Rutgers, The State University of New Jersey, Piscataway, New Jersey, December 2005

133. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
2005 Dr. George W. Raiziss Student Seminar Series, Department of Biochemistry and Biophysics, University of Pennsylvania School of Medicine, Philadelphia, Pennsylvania, December 2005

134. Lipid-protein Interactions at Interfaces
Mini Stat-Mech Meeting, University of California at Berkeley, Berkeley, California, January 2006

135. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemical Engineering, University of Minnesota, Minneapolis, Minnesota, February 2006

136. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Division of Engineering and Applied Sciences, Harvard University, Cambridge, March 2006

137. Collapse Mechanisms in Lung Surfactant Monolayers
ACS Meeting, Atlanta, Georgia, March 2006

138. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Institute for Pure and Applied Mathematics, University of California, Los Angeles, California, March 2006

139. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Distinguished Women in Science Colloquium Series, Department of Chemistry, Stanford University, Stanford, California, April 2006

140. Increasing the Participation of Women in Academic Science
Distinguished Women in Science Colloquium Series, Department of Chemistry, Stanford University, Stanford, California, April 2006

141. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemistry, Massachusetts Institute of Technology, May 2006

142. Cholesterol/Phospholipid Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
Department of Chemical Engineering, University of California, Santa Barbara, California, June 2006

143. Collapse Mechanisms in Lung Surfactant Monolayers
IPAM Conference, Lake Arrowhead, California, June 2006

144. Membrane Sealing by Poloxamers
Gordon Research Conference on Polymer Physics, New London, Connecticut, July 2006

145. Ordering and Displacement of Cholesterol in Phospholipid Monolayers by Hexadecanol and Octanol
232nd ACS National Meeting, San Francisco, California, September 2006

146. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemistry, Elmhurst College, Elmhurst, Illinois, October 2006

147. Effects of Biopolymers on the Collapse in Lung Surfactant Monolayers
Program in Polymer Science and Technology, Massachusetts Institute of Technology, December, 2006

148. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Biomedical Engineering, Washington University, St Louis, Missouri, December 2006

149. Phospholipid/cholesterol Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
U.S.-Mexico Workshop: Physical and Chemical Aspects of Molecular Biology, An International Workshop on Current Problems in Complex Fluids, Puebla, Mexico, January 2007

150. Lipid-Protein Interactions at Interfaces: From Lung Surfactant to Antimicrobial Peptides
Department of Physics, Universität Leipzig, Leipzig, Germany, February 2007

151. Increasing the Participation of Women in Academic Science

Department of Physics, Universität Leipzig, Leipzig, Germany, February 2007

152. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemistry and Biochemistry, Calvin College, Grand Rapids, Michigan, February 2007

153. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemistry and Biochemistry, Hope College, Holland, Michigan, February 2007

154. Women in Academic Science: Balancing Career and Children
March Meeting, American Physical Society, Denver, Colorado, March 2007

155. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Chemistry, New York University, New York, New York, March 2007

156. Evidence for Condensed Lipid/Cholesterol Complexes in Lipid Membranes
233rd ACS National Meeting, Chicago, Illinois, March 2007

157. Cholesterol/Phospholipids Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
Department of Physics and Quantitative Biology Program, Brandeis University, Waltham, Massachusetts, May 2007

158. In Search of Lipid Rafts - Evidence of Phospholipid/Cholesterol Complexes
Annual Conference, Center for Nonlinear Studies, Los Alamos National Laboratory, Santa Fe, May 2007

159. Evidence for Condensed Lipid/Cholesterol Complexes in Lipid Membranes
Biological Membranes and Membrane Proteins: Challenges for Theory and Experiment, Park City, Utah, June 2007

160. Emergence of an active cholesterol state in binary and ternary lipid mixtures
234th ACS National Meeting, Boston, Massachusetts, August 2007

161. The Chemistry of Breathing
West Coast Caucus, The University of Chicago Alumni Association, San Francisco, October 2007

162. Poking and Sealing Holes: Interactions of Antimicrobial Peptides and Poloxamers with Lipid Membranes
Department of Physics, Pomona College, Pomona, California, October 2007

163. Cholesterol/Phospholipids Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
Department of Chemistry, University of Florida, Gainesville, Florida, November 2007

164. GIXD and XR Measurements for Lipid-Protein Interactions
School on Liquid Surface X-ray Scattering, APS, Argonne National Laboratory, Argonne, Illinois, November 2007

165. The Science of Breathing
Midstates Consortium for Math and Science, University of Chicago, Chicago, Illinois, November 2007

166. The Chemistry of Breathing
East Coast Caucus, The University of Chicago Alumni Association, New York, November 2007

167. Cholesterol/Phospholipids Interactions: Evidence of Ordering and Displacement of Cholesterol by Alcohol
Cells and Materials: At the Interface between Mathematics, Biology and Engineering Program, Institute for Pure and Applied Mathematics, Lake Arrowhead, CA, December 2007

168. Templating Effects of Lipids on Alzheimer's Beta Amyloid Peptides
Biophysical Society Meeting, Long Beach, California, February 2008

169. X-ray Measurements of Lipid-Protein (and Lipid-Lipid) Interactions at Interfaces
Liquid/Soft-Surface Interest Group Meeting Advanced Photon Source, Argonne National Laboratory, March 2008

170. The Physics of Breathing
Department of Physics, Northern Illinois University, De Kalb, Illinois, April 2008

171. In Search of Lipid Rafts: Evidence of Phospholipid/Cholesterol Nanoclusters
Materials Science Department, John Hopkins University, Baltimore, Maryland, April 2008

172. In Search of Lipid Rafts: Evidence of Phospholipid/Cholesterol Nanoclusters
Department of Physics, Kent State University, Kent, Ohio, April 2008

173. Beyond Wrinkling: Stress and Fold Localization in Lung Surfactant and Other Supported Thin Elastic Membranes
Surfaces and Interfaces in Soft Matter and Biology: the Impact and Future of Neutron Reflectivity (A Symposium in honor of Robert K. Thomas), Institut Laue-Langevin, Grenoble, France, May 2008

174. Aspen

175. Collapse Mechanism of Lung Surfactant, Department of Chemsitry, Lund University, Sweden, September 2008

176. In Search of Lipid Rafts: Evidence of Complex Formation in Lipid/Cholesterol Mixtures
Department of Material and Interfaces, Weizmann Institute of Science, December 2008

177. In Search of Lipid Rafts: Evidence of Complex Formation in Lipid/Cholesterol Mixtures
Department of Physics, Hebrew University, Israel, December 2008

178. Collapse Mechanism of Lung Surfactant
Department of Chemistry, Tel Aviv University, Israel, December 2008

179. In Search of Lipid Rafts: Evidence of Complex Formation in Lipid/Cholesterol Mixtures
Biophysics Program, UT Austin

180. BES Review, LANL

181. GRC-Antimicrobial Peptides

182. APS March Meeting

183. Evidence of nanoclusters in phospholipid/cholesterol mixtures, 237thACS Meeting, Salt Lake City, Utah, March 2009

184. Collapse Mechanism of Lung Surfactant, Biophysics Seminar, Caltech, April 2009

185. Beyond Wrinkles: Stress and Fold Localization in Thin Elastic Membranes
Mathematical Science Colloquium, New Jersey Institute of Technology, Newark, New Jersey, April 2009

186. Beyond Wrinkles: Stress and Fold Localization in Lung Surfactant and Other Thin Elastic Membranes
Department of Physics, Universidad de Santiago de Chile, Santiago, Chile, May 2009

187. Membrane Disruption Mechanism By Antimicrobial Peptide Protegrin-1
V Latin American Symposium on Scanning Probe Microscopy, Vina del Mar, Chile, May 2009

188. Membrane Disruption MechanismOf Antimicrobial Peptides
ACS Colloids Meeting, New York, New York, June 2009

187. Beyond Wrinkles: Stress and Fold Localization in Lung Surfactant and Other Thin Elastic Membranes
Neutron in Biology, Lund, Sweden, June 2009

188. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers
Soft Flow 2009, Corsica, France, June 2009

189. Membrane Disruption Mechanism of Antimicrobial Peptides
Biological Membranes & Membrane Proteins Workshop, Telluride Science and Research Center, Telluride, Colorado, July 2009

190. How Microbes Evolve to Dodge The Membrane Disruption Actions Of Antimicrobial Peptides
International Workshop on What is Evolution?, Kyoto, Japan, October 2009

191. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers
Sogang University, Seoul, Korea, October 2009

192. How to Poke Holes in Biomembranes – A Lesson from Antimicrobial Peptides,
International Symposium on Bio-Inspired Engineering, Taipei, Taiwan, October 2009

193. Collapse Mechanism of Lung Surfactant

Department of Chemistry, National Taiwan University, Taipei, Taiwan, October 2009

194. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Department of Physics, Chinese University of Hong Kong, Hong Kong, November 2009

195. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Department of Physics, Hong Kong University of Science and Technology, Hong Kong, November 2009

196. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Department of Physics, University of Massachusetts, Amherst, Massachusetts, November 2009

197. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Department of Physics, University of Colorado, Boulder, Colorado, March 2010

198. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Department of Chemistry, University of Virginia, Charlottesville, Virginia, April 2010

199. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Advanced Photon Source Users Organization Meeting, Argonne National Laboratory, May 2010

200. Beyond Wrinkling: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Films Levich Institute, City College of New York, May 2010

201. Interactions at Lipid Membranes, Advanced Photon Source Liquid Surface Workshop Argonne National Laboratory, July 2010

202. Chemistry of Breathing: Lung Surfactant and Its Role in the Proper Functioning of the Lung, Astellas USA Foundation Award Symposium, American Chemical Society National Meeting, Boston, Massachusetts, August 2010

203. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, Workshop on Evolution and Control of Complexity: Key Experiments Using Sources of Hard X-rays, Argonne National Laboratory, October 2010

204. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, Brown University, November 2010

205. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, Columbia University, November 2010

206. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, Indiana University Purdue University Indianapolis, November 2010

207. Lung Surfactant Peptide-mimic KL4 Improves Reversibility of Synthetic Model Lung Surfactant Collapse Behavior, Biophysical Society Annual Meeting, Baltimore, March 2011

208. Membrane Disruption Mechanism of Antimicrobial Peptides, March Meeting, American Physical Society, Dallas, Texas, March 2011

209. Membrane Disruption Mechanism of Antimicrobial Peptides, 241st National Meeting of the American Chemical Society, Anaheim, California, March 2011

210. What are Lipid Rafts? Evidence of Phospholipid/Cholesterol Nanoclusters, Northern Illinois University, Dekalb, Illinois, April 2011

211. Ordering in Biomembranes: Cholesterol, Antimicrobial Peptides and Other Stories Gordon Research Conference on Liquid Crystals, Mount Holyoke, Massachusetts, June 2011

212. Stressing Lipid Membranes: Effects of Polymers on Membrane Integrity, Meeting on Biological Membranes and Membrane Proteins, Snowmass, Colorado, June 2011

213. High Resolution Imaging of Biological Samples in Fluid Environments via Atomic Force Microscopy, Institute for Translational Medicine, The University of Chicago, Chicago, Illinois, July 2011

214. Direct Visualization of the Effects of Polymers on Lipid Vesicles Subjected to External Stimuli, 242nd National Meeting of the American Chemical Society, Denver, Colorado, August 2011

215. Stressing Lipid Membranes: Effects of Polymers on Membrane Integrity, Department of Physics, Simon Fraser University, Vancouver, British Columbia, October 2011

216. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, University of Victoria, Victoria, British Columbia, October 2011

217. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, University of British Columbia, Vancouver, British Columbia, October 2011

218. Beyond Wrinkles: Stress Relaxation in Lipid Monolayers and Other Elastic Thin Membranes, Etter Memorial Lecture, Department of Chemistry, University of Minnesota, Minneapolis-St. Paul, Minnesota, October 2011

219. Beyond Wrinkling: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Films, Department of Materials Science & Engineering, University of California, Berkeley, California, November 2011

220. Poking and Sealing Holes in Lipid Membranes, Nonlinear Dynamics Seminar, University of Texas, Austin, Texas, November 2011

221. Beyond Wrinkling: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Films, Department of Physics, University of Texas, Austin, Texas, November 2011

222. In Search of Lipid Rafts: Structural Evidence for Lipid/Cholesterol Nanocluster, 9th workshop on X-ray and Neutron Scattering Techniques for Surface Nano-Characterization, Seoul, Korea, December 2011

223. Mechanism of Structural Transformation Induced by Antimicrobial Peptides in Lipid Membranes, 243rd National Meeting of the American Chemical Society, San Diego, California, March 2012

224. Membrane Disruption Mechanism of Antimicrobial Peptides, OSAPS Meeting, Columbus, Ohio, April 2012

225. Pushing the Boundaries of Structural Immunology: Utilizing X-ray Surface Scattering to Explore Lipid Membrane Recognition in Immune Response, 2012 APS/CNM/EMC Users Meeting, Argonne National Laboratory, Argonne, Illinois, May 2012

226. Mechanism of Structural Transformation Induced by Antimicrobial Peptides in Lipid Membranes, 2012 APS/CNM/EMC Users Meeting, Argonne National Laboratory, Argonne, Illinois, May 2012

217. The Role of Lipid Membrane in Amyloid Beta Aggregation, FASEB Meeting, Snowmass, Colorado, June 21, 2012

218. Stressing Lipid Membranes: Effects of Polymers on Membrane Integrity, XXI International Materials Research Congress, Cancun, Mexico, August 2012

219. The Physics of Breathing: Wrinkle-to-fold transitions in lung surfactants and other elastic sheet, Valparaiso University, Valparaiso, Indiana, October 2012

220. Stressing Lipid Membranes: Relaxation Mechanism in Lung Surfactant and Effects of Polymers on Membrane Integrity, Department of Chemistry, Yale University, New Haven, Connecticut, October 2012

221. The Physics of Breathing: Wrinkle-to-fold transitions in lung surfactants and other elastic sheet, DePaul University, Chicago, Illinois, November 2012

222. The Physics of Breathing: Wrinkle-to-fold transitions in lung surfactants and other elastic sheet, Smith College, Northampton, Massachusetts, November 2012

223. Interaction of Alzheimer's Amyloid-beta Peptides with Lipid Membranes, Smith College, Northampton, Massachusetts, November 2012

224. Poking and Sealing Holes in Lipid Membranes, Brown University, Providence, Rhode Island, December 2012

225. An Interdisciplinary Perspective on Lipid-Protein Interactions, Brown University, Providence, Rhode Island, December 2012

226. Beyond Wrinkling: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Films, Department of Mechnical Engineering, Colorado University, Boulder, Colorado February 2013

227. The Physics of Breathing: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Elastic Films, Department of Physics, University of South Florida, Tampa, Florida, April 2013

228. Stressing Lipid Membranes: Effects of Polymers Membrane Structural Integrity, American Chemical Society National Meeting, New Orleans, Louisiana, April 2013

229. The Physics of Breathing: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Elastic Films, Hamline University, St. Paul, Minnesota, April 2013

230. The Physics of Breathing: Stress Relaxation in Lung Surfactant Monolayers and Other Thin Elastic Films, Grinnell College, Grinnell, Iowa, April 2013

231. Stressing Lipid Membranes: Effects of Polymers on Membrane Structural Integrity, Evolution of Colloidal Matter, New York University, June 2013

232. Immune Recognition of Phosphatidylserine by TIM Proteins, Meeting on Biological Membranes and Membrane Proteins, Snowmass, Colorado, July 2013

233. Stressing Lipid Membranes: Effects of Polymers on Membrane Structural Integrity, Applied Physics Colloquium, Harvard University, September 2013

234. Pushing the Boundaries of Structural Immunology: Utilizing X-ray Surface Scattering to Explore Lipid Membrane Recognition in Immune Response, 15th Conference on Liquid and Amorphous Metals, Beijing, China, September 2013

235. Stressing Lipid Membranes: Effects of Polymers on Membrane Structural Integrity, Stevensons Biomaterials Lecture, Syracuse University, October 2013

236. Lipids Under Stress, Witten Fest, The University of Chicago, November 2013

237. Poking Holes and Sealing Them: Actions of Antimicrobial Peptides and Copolymers on Lipid Membranes, Department of Chemistry and Biochemistry, Loyola University, Chicago, Illinois, November 2013

238. Stressing Lipid Membranes: Effects of Polymers on Membrane Structural Integrity, Institute of Materials Science, University of Connecticut, Storr, Connecticut, November 2013

239. Stressing Lipid Membranes: Effects of Polymers on Membrane Structural Integrity, The 8th IUPAP International Conference on Biological Physics (ICBP2014), Beijing, China, June 2014

240. A Molecular Mechanism for Differential Recognition of Membrane Phosphatidylserine by Immune Regulatory Receptor Tim4, ACS Colloid & Surface Science Symposium, University of Pennsylvania, Philadelphia, Pennsylvania, June 2014

241. Stress Relaxation in Lung Surfactant Monolayers and Other Thin Elastic Films, AIMR/UChicago 1st Joint Research Center Workshop, Sendai, Japan, September 2014

242. Membrane Lipid-Protein Interactions In the Context of Immune Response, Department of Chemical Engineering, University of Illinois, Chicago, Illinois, October 2014

243. Threads in Scientific Inquiry, from McKay to Today: Monolayer Science, Shining Light on Matter and Mind Symposium, Harvard University, Cambridge, Massachusetts, November 2014

244. Differential Phosphatidylserine Recognition by the TIM Family of Immune Regulatory Receptors, Biophysical Society Meeting, Baltimore, Maryland, February 2015

245. Interactions at Membrane Surfaces: From Immunological Response to Membrane Sealing, Cell and Molecular Physiology Colloquium, Yale University, New Haven, Connecticut, February 2015

246. Stressing Lipid Membranes: Relaxation Mechanism in Lung Surfactant and Effects of Polymers on Membrane Integrity, Department of Chemistry and Biochemistry, University of Arizona, Tucson, Arizona, March 2015

247. Differential Phosphatidylserine Recognition by the TIM Family of Immune Regulatory Receptor, Membrane Protein Structural Dynamics Consortium Annual Meeting, Chicago, Illinois, April 2015

248. Binding of the TIM Family Proteins to Lipid Membranes, Telluride Membrane Conference, Telluride, Colorado, July 2015

249. Differential Lipid Recognition by the Tim Family of Immune Regulatory Receptors, Physics and Chemistry of Liquids Gordon Research Conference, Holderness, New Hampshire, July 2015

250. Biophysics of Lipid-Protein Interactions, Materials Research Laboratory Biological Conference, University of Illinois, Urbana-Champaign, Illinois, October 2015

251. Stress Relaxation in Lung Surfactant and Other Thin Elastic Sheets, Department of Physics, Wayne State University, December 2015

252. Beyond Wrinkling: Stress Relaxation in Lung Surfactant and Other Thin Elastic Sheets, Department of Chemistry, Lehigh University, Pennsylvania, January 2016

253. Structure and Activities of Lipid Membranes, Modeling and Dynamics in Molecular Biophysics Workshop, Arlington, Virginia, January 2016

254. The Physics of Breathing: Wrinkle-to-fold Transitions in Lung Surfactants and Other Elastic Sheet, Gettysburg College, Gettysburg, Pennsylvania, February 2016

255. Membrane Disruptive Mechanisms of Antimicrobial Peptides, Gettysburg College, Gettysburg, Pennsylvania, February 2016

256. Membrane Sealing Effects of Poloxamers, Gettysburg College, Gettysburg, Pennsylvania, February 2016

257. Differential Phosphatidylserine Recognition by the Tim Family of Immune Regulatory Receptors, Gettysburg College, Gettysburg, Pennsylvania, February 2016

258. Lipid-protein Interactions at the Interface, Soft Matter Interest Group Seminar, ChemMatCARS, Argonne National Laboratory, Argonne, Illinois, April 2016

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