# Delaware Membrane Protein Symposium

**Sponsored by the Department of Chemical & Biomolecular Engineering**  
**Organized by Sharon Rozovsky, Edward Lyman & Karen Fleming**  
*The 2018 Symposium is dedicated to the memory of our colleague: Mahendra Jain*

**Monday, April 30, 2018**  
**Clayton Hall Conference Center**

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<th>Time</th>
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<td>8:00 – 8:55 a.m.</td>
<td>Registration, Breakfast, and Poster Set-Up</td>
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<td>9:00 – 9:10 a.m.</td>
<td>Opening Remarks</td>
<td>101-B</td>
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| 9:10 – 9:50 a.m.  | Jennifer Lee, National Institutes of Health, NHLBI  
Membrane Tubulation and its Effect on α-Synuclein Aggregation | 101-B|
| 9:50 – 10:30 a.m. | Luke Chao, Massachusetts General Hospital, Harvard Medical School  
Molecular Mechanisms of Membrane Fusion in Viruses and Organelles | 101-B|
| 10:30 – 10:50 a.m.| Break & Poster Session                                                  | Lobby|
| 10:50 – 11:30 a.m.| Patrick Loll, Drexel University College of Medicine  
Antibiotic Resistance via Transmembrane Signaling: The Case of Vancomycin | 101-B|
| 11:30 a.m. – 12:10 p.m.| Joseph Mindell, National Institutes of Health, NINDS  
Patients to Protons: Insights from a Novel Disease on the Role of the Chloride Transporter CIC-7 in Lysosomal Function | 101-B|
| 12:10 – 1:30 p.m. | Lunch                                                                   | 101-A|
| 12:30 – 2:00 p.m. | Poster Session                                                          | Lobby|
| 2:00 – 2:40 p.m.  | Jeffrey Brodsky, University of Pittsburgh  
Protein Conformational Diseases and Endoplasmic Reticulum Associated Degradation (ERAD) | 101-B|
| 2:40 – 3:20 p.m.  | Noah Malmstadt, University of Southern California  
Hydrogel Swelling for Functional Reconstitution of Membrane Proteins in Giant Vesicles | 101-B|
| 3:20 – 4:00 p.m.  | Jeffery Klauda, University of Maryland  
Probing the Mechanism of a Peripheral Membrane Protein and Influence of the Lipid Environment on the Function of α-hemolysin | 101-B|
| 4:00 – 4:15 p.m.  | Break & Poster Session                                                  | Lobby|
| 4:15 - 5:15 p.m.  | **KEYNOTE SPEAKER: Mary Roberts, Boston College**  
‘Scooting’ and ‘Hopping’ of Phosphatidylinositol-specific Phospholipase C – a Molecular Picture | 101-B|