AGENDA

10:30am – 11:45am  Pre-event poster set up  Multidisciplinary Research Building
11:30am – 12:00pm  Arrival/check in at registration desk  Lobby, Simons Laboratories

12:00 – 12:10pm  Opening remarks  Simons Auditorium
Susan Lunte  
Director, Ralph N. Adams Institute for Bioanalytical Chemistry  
Ralph N. Adams Distinguished Professor of Chemistry and Pharmaceutical Chemistry  
University of Kansas, Lawrence, KS

12:10 – 12:40pm  New designs for contactless conductivity detection on electrophoresis microchips  
Wendell K. T. Coltro  
Assistant Professor, Instituto de Química, Universidade Federal de Goiás (UFG), Goiânia, Brazil

12:40 – 1:10pm  Off-Stoichiometry Polymer and Modified Poly(dimethylsiloxane) for Microdevices Applications  
José Alberto Fracassi da Silva  
Professor, Instituto de Química, Universidade Estadual de Campinas (Unicamp), Campinas, Brazil

1:10 – 1:40pm  Development of microchip electrophoresis based methods to profile cellular nitrosative stress  
Dulan B. Gunasekara  
Postdoctoral Research Associate, Department of Chemistry, University of North Carolina-Chapel Hill, Chapel Hill, NC

1:40 – 1:50pm  Break

1:50 – 2:20pm  Combined microfluidics, microrheology and imaging techniques to understand molecular interactions  
Prajna Dhar  
Assistant Professor, Department of Chemical & Petroleum Engineering, University of Kansas, Lawrence, KS

2:20 – 2:50pm  Single cell analysis on microfluidic devices  
Christopher T. Culbertson  
Associate Professor, Department of Chemistry, Kansas State University, Manhattan, KS

2:50 – 3:00pm  Break and transition to Multidisciplinary Research Building (MRB)
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<tr>
<th>Time</th>
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<tr>
<td>3:00 – 4:00pm</td>
<td><strong>Poster session</strong>&lt;br&gt;Microfabrication and Microfluidics Core facility tours (poster session and tours will take place concurrently)**</td>
<td>Lobby, MRB</td>
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<td>4:00 – 4:15pm</td>
<td>Poster take down; transition back to Simons Auditorium</td>
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<td>4:15 – 4:45pm</td>
<td><strong>AFM-Based Nanofabrication for Biodevice Applications</strong>&lt;br&gt;Cindy L. Berrie&lt;br&gt;Associate Professor, Department of Chemistry, University of Kansas, Lawrence, KS</td>
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<td>4:45 – 5:15pm</td>
<td><strong>Microfluidic ExoSearch: A Revolutionary Approach to Biomarker Discovery</strong>&lt;br&gt;Mei He&lt;br&gt;Assistant Professor, Department of Biological and Agricultural Engineering, Kansas State University-Olathe, Olathe, KS</td>
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<td>5:15 – 5:45pm</td>
<td><strong>Microfluidics: From innovative analysis to biomimetic culture systems</strong>&lt;br&gt;Sabeth Verpoorte&lt;br&gt;Professor, Head of Pharmaceutical Analysis Group, Groningen Research Institute of Pharmacy, University of Groningen, The Netherlands</td>
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