4th Annual
Engineering in Healthcare: Industry and Research Symposium

February 8, 2018 at the James Cancer Center

Organized by
The Biomedical Engineering Society student chapter and The Biomedical Engineering Society Graduate Student Association
## Symposium Schedule

<table>
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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:00am-10:00am</td>
<td>Continental Breakfast and Registration - James Cancer Center Lobby</td>
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<tr>
<td>10:00am-11:00am</td>
<td>Keynote Speaker - Wasserstrom Auditorium</td>
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<td>Dr. Colin Drummond, Assist. Chair of BME at Case Western Reserve University</td>
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<tr>
<td>11:00am-12:00pm</td>
<td>Graduate Student Research Breakout Session - Wasserstrom Auditorium</td>
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<tr>
<td>12:00pm-12:45pm</td>
<td>Lunch - James Cancer Center Lobby</td>
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<td>Time</td>
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<tr>
<td>1:00pm-2:00pm</td>
<td>Industry Panel - Wasserstrom Auditorium</td>
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<td>2:00pm-3:00pm</td>
<td>Networking Session - James Cancer Center Lobby</td>
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<tr>
<td>3:00pm-3:45pm</td>
<td>Poster Sessions 1 - James Cancer Center</td>
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<td>3:45pm-4:30pm</td>
<td>Poster Sessions 2 - James Cancer Center</td>
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<td>4:30pm-5:00pm</td>
<td>Awards - James Cancer Center</td>
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Biography for the Keynote Speaker

Keynote Speaker: Dr. Colin Drummond

Colin Drummond, Ph.D., is a professor and assistant chair in the department of biomedical engineering, as well as co-director of the Master’s Degree in Translational Health Technology program, at Case Western Reserve University, Cleveland, Ohio. His current research interests include health care IT and informatics, entrepreneurship, and innovation in healthcare. Prior to joining Case Western Reserve University in 2008, he was the Director of Clinical Research for non-acute medical products at the Invacare Corporation. His work at Invacare specialized in respiratory therapy and sleep disorder research, and also established a new clinical research program strategy. Before joining Invacare, Dr. Drummond served as Director of Strategic Development for Nordson Corporation where he focused on product development, international high-technology manufacturing coating system start-ups, and eBusiness initiatives. He holds 3 patents, with a fourth one pending. Dr. Drummond received a Ph.D. in engineering from Syracuse University and an MBA from Case Western Reserve University.
Industry Panelist:

- Location: Wasserstrom Auditorium
- Time: 1:00pm-2:00pm

1. Jed Johnson, NanoFiber Solutions
2. Rob Day, Lab-Ally LLC

Graduate Student Presenters:

- Location: Wasserstrom Auditorium
- Time: 11:00am-12:00pm

1. Yoijin Cho
2. Shelley Gooden
3. Heather Struckman
Abstracts


10. Lakstins, K., Purmessur, D. Characterization and Development of an In Vitro Disease Model of the Human Intervertebral Disc Cartilage End Plate.


18. Yeats, B., Dasi, I. *Predicting Thrombosis Risk in the Left Atrial Appendage of Human Heart.*
Company Represented Today
Include:

- Nanofiber Solutions
- LAB-ALLY

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