### Tentative Schedule

**Room:** Porter Hall 104  
**Time:** 3:05 to 4:25 pm

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<tr>
<th>#</th>
<th>Seminar Date</th>
<th>Event</th>
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| 1  | August 28, 2018   | No Class  
Assignment: Read the syllabus, seminar schedule, and report “Convergence: Facilitating Transdisciplinary Integration of Life Sciences, Physical Sciences, Engineering, and Beyond” prepared by the National Academies of Sciences, engineering, and medicine. |
| 2  | September 4, 2018 | **Convergence Research: Perspectives**  
*Speaker: Gerardine G. Botte*  
Distinguished Professor  
Chemical and Biomolecular Engineering Department  
Ohio University  
[https://www.ohio.edu/engineering/about/people/profiles.cfm?profile=botte](https://www.ohio.edu/engineering/about/people/profiles.cfm?profile=botte) |
| 3  | September 11, 2018| **Transition Metal Complexes for Applications in Photodynamic Therapy**  
*Speaker: Jessica K. White*  
Assistant Professor  
Chemistry and Biochemistry Department  
Ohio University  
[https://www.ohio.edu/cas/chemistry/contact/profiles.cfm?profile=whitej7](https://www.ohio.edu/cas/chemistry/contact/profiles.cfm?profile=whitej7) |
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<tr>
<th>Week</th>
<th>Date</th>
<th>Event</th>
<th>Speaker</th>
<th>Department</th>
<th>University</th>
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| 4    | September 18, 2018 | **Understanding Interfaces via Sum Frequency Generation Spectroscopy**  
*Speaker: Katherine Cimatu*  
Assistant Professor  
Chemistry and Biochemistry Department  
Ohio University  
[https://www.ohio.edu/cas/chemistry/contact/profiles.cfm?profile=cimatu](https://www.ohio.edu/cas/chemistry/contact/profiles.cfm?profile=cimatu) |  |  |  |
| 5    | September 25, 2018  | **Hybrid Power Systems and Microgrids**  
*Speaker: Dr. David Tucker*  
Research Scientist  
National Technology Energy Laboratory  
[https://netl.doe.gov/research/on-site-research/research-capabilities/hybrid-performance-lab](https://netl.doe.gov/research/on-site-research/research-capabilities/hybrid-performance-lab) |  |  |  |
| 6    | October 2, 2018   | **No Seminar. ECS Fall Meeting**                                                            |  |  |  |
| 7    | October 9, 2018   | **Environmental Cracking and Corrosion of Metals and Alloys**  
*Speaker: Jenifer Locke*  
Assistant Professor  
Materials Science Engineering  
The Ohio State University  
[https://mse.osu.edu/people/warner-locke.1](https://mse.osu.edu/people/warner-locke.1) |  |  |  |
| 8    | October 16, 2018  | **Protecting Intellectual Property and Technology Commercialization**  
*Speaker: Mark Foley*  
Technology Commercialization Manager  
Ohio University TTO office. |  |  |  |
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<th>Date</th>
<th>Topic</th>
<th>Speaker</th>
<th>Institution</th>
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<tr>
<td>9</td>
<td>October 23, 2018</td>
<td><strong>Lifetime and Degradation Science for Technology Development</strong>&lt;br&gt;&lt;br&gt;<em>Speaker: Roger French</em>&lt;br&gt;Professor and Director, CWRU Data Science Program&lt;br&gt;Materials Science and Engineering</td>
<td>Roger French</td>
<td>Professor and Director, CWRU Data Science Program</td>
<td><a href="http://engineering.case.edu/centers/sdle/">http://engineering.case.edu/centers/sdle/</a></td>
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<td>10</td>
<td>October 30, 2018</td>
<td><strong>No Seminar. AIChE Meeting</strong></td>
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<td>11</td>
<td>November 6, 2018</td>
<td><strong>Theory and Simulation for Biomedical Applications</strong>&lt;br&gt;&lt;br&gt;<em>Speaker: Jeetain Mittal</em>&lt;br&gt;Professor&lt;br&gt;Department of Chemical and Biomolecular Engineering&lt;br&gt;Lehigh University</td>
<td>Jeetain Mittal</td>
<td>Professor&lt;br&gt;Department of Chemical and Biomolecular Engineering</td>
<td><a href="https://www.lehigh.edu/~jem309/Mittal_Research_Group_%40_Lehigh/Home.html">https://www.lehigh.edu/~jem309/Mittal_Research_Group_%40_Lehigh/Home.html</a></td>
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<td>12</td>
<td>November 13, 2018</td>
<td><strong>Membranes and Applications in Alkaline Fuel Cells</strong>&lt;br&gt;&lt;br&gt;<em>Speaker: Paul Kohl</em>&lt;br&gt;Regents' Professor, Institute Fellow, Thomas L. Gossage Chair&lt;br&gt;Chemical and Biomolecular Engineering&lt;br&gt;Georgia Institute of Technology&lt;br&gt;Past President of the Electrochemical Society</td>
<td>Paul Kohl</td>
<td>Regents' Professor, Institute Fellow, Thomas L. Gossage Chair</td>
<td><a href="http://kohl.chbe.gatech.edu">http://kohl.chbe.gatech.edu</a></td>
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<td>Date</td>
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<td>13</td>
<td>November 20, 2018</td>
<td>No Seminar</td>
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| 14 | November 27, 2018    | The Potential for Point-of-Use Nutrient Production through Photocatalytic Based Technologies  
*Speaker: Marta Hatzel*  
Assistant Professor  
George Woodruff School of Mechanical Engineering  
Georgia Institute of Technology  
[http://www.hatzellab.gatech.edu](http://www.hatzellab.gatech.edu) |  |
| 15 | December 4, 2018     | Stress Management and Health Awareness  
*Speaker: Dr. Bradford Meyers*  
Office of Students Affairs  
Ohio University |  |