

# 2015 Fall ECC Meeting

The Fall 2015 ECC Meeting is scheduled for October 29-30, 2015, in Ithaca, NY.

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## Agenda

### Fall 2015 ECC Agenda

| Presentations and Meeting Materials                                                                                                                                                                                                                                         | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <a href="#">Update on State of the College Presentation</a>                                                                                                                                                                                                                 | <b>Lance Collins</b> , <i>Joseph Silbert Dean of Engineering</i>                                                                                                                                                                                                                                                                                                                                                                                       |
| Advanced Materials Presentations<br><br><a href="#">Advanced Materials for the Additive Manufacturing of Machines</a> , by Robert Shepherd<br><br><a href="#">Advanced Materials, Perspective from the frontiers of complex oxide materials by design</a> , by Craig Fennie | <b>Moderated by Emmanuel Giannelis</b> , <i>Walter R. Read Professor of Engineering, Materials Science and Engineering; Associate Dean, Research &amp; Graduate Studies</i><br><br><b>Robert Shepherd</b> , <i>Assistant Professor, Mechanical and Aerospace Engineering</i><br><br><b>Craig Fennie</b> , <i>Associate Professor, Applied and Engineering Physics</i><br><br><b>Grace Xing</b> , <i>Professor, Electrical and Computer Engineering</i> |
| Entrepreneurship at the Graduate Level<br><br>(to be posted)                                                                                                                                                                                                                | <b>Emmanuel Giannelis</b> , <i>Associate Dean for Research</i>                                                                                                                                                                                                                                                                                                                                                                                         |
| <a href="#">Design Studio - A Product Design Course for Graduate Entrepreneurs</a>                                                                                                                                                                                          | <b>Mark Hurwitz</b> , <i>Adjunct Professor, Chemical and Biomolecular Engineering</i>                                                                                                                                                                                                                                                                                                                                                                  |
| Breakout Questions                                                                                                                                                                                                                                                          | Do we have the right approach/topics for the program?<br><br>How is design practiced in your industry?<br><br>In your opinion what are some of the most successful approaches to teaching design and are there technology segments that lead themselves more naturally to teaching design?<br><br>What type of mentoring would be most effective for the fellows?<br><br>Are there any gaps or oversights?                                             |
| <a href="#">Brand: Phase Two Update</a>                                                                                                                                                                                                                                     | <b>Dawn McWilliams</b> , <i>Director of Marketing and Communications</i>                                                                                                                                                                                                                                                                                                                                                                               |

### [College of Engineering Update Videos](#)

Fall 2015 ECC Update: Cornell Engineering Centers: [https://youtu.be/PEty4Kzu3\\_w](https://youtu.be/PEty4Kzu3_w)

Fall 2015 ECC Update: Cornell Tech <https://youtu.be/u8tIOoA34hc>

Fall 2015 ECC Update: Cornell Engineering New Faculty <https://youtu.be/7Katrrt-FgA>

Fall 2015 ECC Update: Cornell Engineering Facilities [https://youtu.be/D6JxZ\\_PgeFE](https://youtu.be/D6JxZ_PgeFE)

Fall 2015 ECC Update: Cornell Engineering Entrepreneurship <https://youtu.be/MxQMpoqQHoQ>

Fall 2015 ECC Update: Cornell Engineering Admissions and Project Teams <https://youtu.be/XOcA3Co3YBM>

### [New Faculty Videos](#)

Debddeep Jena <https://youtu.be/8wwcF2SOLB0>  
Iwijin de Vlamick <https://youtu.be/m0tKtR7BCs4>  
Grace Xing <https://youtu.be/6Y1heheECsA>  
Elaine Shi <https://youtu.be/nufPL39ieEM>  
Greg McLaskey [https://youtu.be/Ac\\_hKbGOAgY](https://youtu.be/Ac_hKbGOAgY)  
Greg Morrisett <https://youtu.be/t7QT0xfgChs>  
Jamol Pender <https://youtu.be/uLf7M1PFqrk>  
Kilian Weinberger <https://youtu.be/5zOu902Asjs>  
Qing Zhao <https://youtu.be/JlQpQlio554>  
Nicole Benendek <https://youtu.be/2xAfrQuiWkk>  
John Albertson <https://youtu.be/OIADsAma01s>  
Sid Banerjee [https://youtu.be/\\_tVJ6\\_3Xyvo](https://youtu.be/_tVJ6_3Xyvo)  
Vitaly Shmatikov <https://youtu.be/JaMnbKsF1b0>  
Yoav Artsy [https://youtu.be/hwY7UZZTu\\_c](https://youtu.be/hwY7UZZTu_c)  
Yudong Chen <https://youtu.be/4g0pDaKjB24>  
Silvia Ferarri <https://youtu.be/Qevl71vn-DU>  
Tom Ristenpart <https://youtu.be/tstxppyc1aA>

ECC Bios

Fall 2015 Bios

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Minutes

Spring 2015 ECC Minutes

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Attendance

**ECC Members attending**

Richard A. Aubrecht (Cornell B.S. '66 ME, M.S. '68, Ph.D. '70) Moog Inc. (honorary emeritus)

\*Nadine Aubry (Cornell Ph.D. '87 ME) Northeastern University

James Becker (Cornell B.S. '65 CE, M.S. '67) Skanska USA Building, Inc.

Najib S. Canaan (Cornell EE '86, M.Eng. Nuclear Eng. '87) Marinus Capital Advisors, LLC

Jay W. Carter (Cornell B.S. '71 ORIE, M.Eng. '72) Lucent Technologies (Retired) (honorary emeritus)

Lance R. Collins, Dean of Engineering

Robert A. Cowie (Cornell B.M.E. '56, M.B.A. '57) Dana Corporation (Retired)

\*Frank DeCosta (Cornell B.S. '85 EE, M.Eng. '86 EE)

Michael Even (Cornell BS '82 ORIE) Numeric Investors LLC

Sarah Fischell (Cornell B.S. '78 EE, M.Eng. '79) Retired

Gregory J. Galvin (Cornell M.S. '82, MSE; Ph.D. '84 MSE; JGSM MBA '93) Rheonix, Inc. and Mezmeriz, Inc.

Virginia L. Giddings (Cornell B.S. '88 ME, M.ENG. '89 ME) Abbott Laboratories

Ken Goldman (Cornell B.S. '71 EE) Yahoo!

Frank L. Huband, (Cornell B.S. EP '61, Ph.D. AP '67) World Technology Evaluation Center

\*Andrea Ippolito (Cornell B.S. '06 BE, M.Eng. '07 BME) Department of Veterans Affairs

\*Michele A. Kaliski (Cornell B.S. '85 ORIE) Public Servant

\* Jonathan M. Ludwig (Cornell B.S. '03 CS / ECE) Barclays Capital

Ivan L. Lustig (Cornell B.S. '80 ORE, M. Eng. '81 and M.B.A. '82) Dover Madison Capital Management

James M. McCormick (Cornell B.S. '69 ORE, M.Eng. '70) First Manhattan Consulting Group

Howard L. Morgan (Cornell Ph.D. '68 OR) Partner, First Round Capital

Michael Goguen (Cornell B.S. '86 EE) Sequoia Capital

\*Richard T. Ong (Cornell B.S. '86 CEE) RRJ Group

James Ricotta (Cornell B.S. '81 EE) SightPath Capital

Robert W. Shaw Jr. (Cornell B.S. '63 EP, M.S. '64 EE), Areté Venture Management

Daniel S. Simpkins (Cornell B.S. '80 EE, M.Eng. '81) Hillcrest Laboratories Inc.

Elissa Sterry (Cornell B.S. ORE '79, MS '80) ExxonMobil Chemical Company

Duane Stiller (Cornell B.S. '84 ORE) Woolbright Development, Inc.

Sherri K. Stuewer (Cornell B.S. '73 OR, M.S. '75) Exxon Mobil Corporation (Retired)

Joseph Thanhauser, III (Cornell B.S. '71 EE) Byrnam Wood, LLC

Craig A. Wheeler (Cornell '82 MS, '84 ChemE) Momenta Pharmaceuticals, Inc.

\*Eric Young (Cornell B.S. '78 ME) Canaan Partners

Todd C. Zion (Cornell B.S. '97 ChE) SmartCells, Inc.

\*New ECC Members