## Agenda

**6th Annual SERC Sponsor Research Review**

Georgetown University School of Continuing Studies
640 Massachusetts Avenue, Washington, DC

December 4, 2014

### Registration, Breakfast and Welcome
- 7:00a–8:00a: Research Council Breakfast meeting, Le Pain Quotidien, 433 Massachusetts Avenue NW, Washington, DC
- 8:00a–8:45a: Registration (Floor 1); Continental Breakfast (Atrium)
- 8:45a–9:00a: Welcome (Auditorium)

### Sponsor Perspective and Challenges
- 9:00a–9:30a: Keynote Address (Auditorium)
  - Mr. Stephen P. Welby, Deputy Assistant Secretary of Defense for Systems Engineering
  - Office of the Assistant Secretary of Defense for Research and Engineering

### State of the SERC
- 9:30a–9:45a: SERC Progress and Strategic Direction (Auditorium)
  - Dr. Dinesh Verma, SERC Executive Director and Dean of the School of Systems and Enterprises, Steven Institute of Technology
- 9:45a–10:00a: Transition Break (C1 Landing/Atrium)

### Research Reviews: Four parallel tracks with 40-minute sessions providing in-depth discussions on SERC research projects

<table>
<thead>
<tr>
<th>Time</th>
<th>Track 1 (Auditorium)</th>
<th>Track 2 (Room C224)</th>
<th>Track 3 (Room C204)</th>
<th>Track 4 (Room C225)</th>
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<tr>
<td>10:00a–10:45a</td>
<td>Helix - Understanding How to Develop Effective Systems Engineers (Art Pyster, Stevens)</td>
<td>Interactive Model-Centric Systems Engineering (Adam Ross, MIT)</td>
<td>Technologies Tradespace and Affordability Project (ITAP) (Barry Boehm, USC, Russell Peak, GTRI)</td>
<td>Progress Towards an Analytic Workbench for System of Systems Architectures (Don DeLaurentis, Karen Marais, Purdue)</td>
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<td>10:45a–11:30a</td>
<td>Career Development Model (Michael Pennotti, Stevens)</td>
<td>iTAP Methods, Processes and Tools (Ray Madachy, NPS, David Jacques, AIT)</td>
<td>iTAP Formal Foundations and Set-Based Design (Kevin Sullivan UVa, Michael A. Yokich, Penn State)</td>
<td>Embracing Complexity in System of Systems Architecting (FILA SoS Flexible Intelligent Learning Architectures for System of Systems (Cihan Dogli, Missouri)</td>
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### Keynote Address (Auditorium)
- 12:15p–12:45p: LUNCH (Catered Sandwich Bar) and Opportunity to View SERC Project Posters (Atrium)

### Keynote Address (Auditorium)
- 12:45p–1:15p: Mr. Alan R. Shaffer, Acting Assistant Secretary of Defense for Research and Engineering and SERC Sponsor

### Best Student Paper Award & Transition Time
- 1:15p–1:30p: Best Student Paper Award & Transition Time

### Panel & Executive Advisory Board
- 1:30p–2:15p: Capstone Marketplace (Michael DeLorme, Stevens)
- 2:15p–3:00p: Experience Accelerator (Jon Wade, Stevens)
- 3:00p–4:00p: Networking Break and opportunity to view SERC posters (Atrium)

### Panel on Research Transition Success Stories (Auditorium)
- Chair: Dr. Jon Wade (Stevens)
- Panelists: Mr. Tom McNellis (Lockheed Martin), Dr. Brian Saus (University of North Texas), Dr. Robin Poston (University of Memphis), Mr. Albert “Benjie” Spencer Jr. (NOAA/NWS Office of S&T), and Dr. James (Jim) Providakes (MITRE)

### Executive Advisory Board (by invitation only in separate meeting room) (Room C227)
- Chair: Ms. Kristen Baldwin, Principal Deputy, Office of the Deputy Assistant Secretary of Defense for Systems Engineering