New Roles and New Faces

Cynthia Moore joins IPaT as our new Assistant Director for Business Operations. Welcome Cynthia!

Alyson Powell promoted to Marketing Communications Manager. Congratulations Alyson!
CONGRATULATIONS Marcia and Francine

Marcia Chandler received her masters of public administration from Kennesaw State University.

Francine Lyken received her Doctor of Business Administration: Project Management from Liberty University.
Learn about IPaT activities for Spring 2018

Discuss EVPR transitions and the evolution of IRI 2.0

Jumpstart conversations for future IPaT initiatives
   Student engagement
   Socio-technical impact
   Research leadership

Talk with your colleagues, discuss new ideas, and swap snow stories

e-mail: ipat@gatech.edu
## IPaT Spring Schedule

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>IPaT Office Hours</strong></td>
<td>Feb 5-7, 2018</td>
<td></td>
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<tr>
<td><strong>Thursday Think Tanks</strong></td>
<td>Thursdays, 3:30-5pm</td>
<td></td>
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<tr>
<td></td>
<td>Jan 25; Feb 1, 8, 15, 22; Mar 1, 8, 15, 29</td>
<td></td>
</tr>
<tr>
<td><strong>IPaT Research Directors</strong></td>
<td>Jan 25, Feb 21, Mar 27</td>
<td>8:30-10am</td>
</tr>
<tr>
<td><strong>Convergence Innovation</strong></td>
<td>Apr 12</td>
<td>Competition (CIC)</td>
</tr>
<tr>
<td><strong>IPaT Industry Innovation Day</strong></td>
<td>Apr 19</td>
<td>includes joint GVU BB plenary and research showcase</td>
</tr>
<tr>
<td><strong>IPaT Research Retreat</strong></td>
<td>May TBD</td>
<td></td>
</tr>
<tr>
<td><strong>IPaT All Hands</strong></td>
<td>June TBD</td>
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</table>
Thursday Think Tanks

The TTT is a weekly gathering of the IPaT community to brainstorm about research, stay informed about the work that everyone is doing, and help define IPaT strategy.

Come interact with new and old colleagues and engage on topics of shared interest.

Save These Dates:
• Jan 25
• Feb 1, 8, 15, 22
• Mar 1, 8, 15, 29

email: ipat@gatech.edu
<table>
<thead>
<tr>
<th>Topic</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovative Technology Approaches to Combatting Diabetes</td>
<td>Jan 25</td>
</tr>
<tr>
<td>Research Communication Through Art: Sharing the Stories of Everyday Georgians</td>
<td>Feb 1</td>
</tr>
<tr>
<td>Georgia Smart Communities Challenge</td>
<td>Feb 8</td>
</tr>
<tr>
<td>Bandaloop: Elevating Art and Technology</td>
<td>Feb 15</td>
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<tr>
<td>Future of Sports Tech (with GTAA)</td>
<td>Feb 22</td>
</tr>
<tr>
<td>TBD (pitch an idea!)</td>
<td>Mar 1</td>
</tr>
<tr>
<td>Health IT and Health Disparities</td>
<td>Mar 8</td>
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</tbody>
</table>
Convergence Innovation Competition

Bi-Annual competition
- Over 100 students annually
- 2018 Spring CIC – April 12th
- http://cic.gatech.edu/

Inspired by IPaT Research Pillars:
- Smart Cities and IoT
- Health and Wellbeing
- Sports and Fan Experience
- Arts and Culture

Onboarding sponsors right now!
Past sponsors include Verizon, AT&T, Cisco, Code 42, and GM
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Thursday Think Tanks
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- Apr 19
includes joint GVU BB plenary and research showcase

Industry Innovation Day
Innovations in Smarter Health
April 19, 2018 | Tech Square
<table>
<thead>
<tr>
<th>IPaT Values</th>
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</thead>
<tbody>
<tr>
<td><strong>One GT</strong></td>
<td><strong>Innovation</strong></td>
</tr>
<tr>
<td>We will operate collaboratively by sharing knowledge and resources, all for the greater good of Georgia Tech.</td>
<td>We will support a culture of creativity, thought leadership and boundary-pushing ideas, and be unafraid of failure.</td>
</tr>
<tr>
<td><strong>Trusted Partner</strong></td>
<td><strong>Diversity</strong></td>
</tr>
<tr>
<td>We will be transparent, meet deadlines, and work together to enhance and grow valuable relationships on and off campus.</td>
<td>We will recognize, respect, and embrace inclusion and fairness throughout all aspects of our research, practice and operations.</td>
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</tbody>
</table>
Shaping the future of human-centered systems, environments and technologies to promote satisfying, healthy and productive lives.

**Catalyze** interdisciplinary research between faculty, students, and industry.

**Provide** the continuity and capacity to address societal challenges.

**Advocate** for socio-technical change that improves the human condition.

**Educate** human-centered engineers, scientists, designers, business leaders, and policy makers.

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**Research Pillars**

- Lifelong Health and Wellbeing
- Smart Cities and Inclusive Innovation
- Platforms and Services for Socio-Technical Systems
- Shaping the Human Technology Frontier
Empowering and Activating our Students

Kamau Bobb, Senior Director, Constellations Center for Equity in Computing at Georgia Tech

Russ Clark, Co-Director, Georgia Tech Research Network Operations Center

Jennifer Hirsch, Director, Center for Serve-Learn-Sustain
Engaging Students to Think and Act Socio-technically, Sustainably, and with Community-in-Mind

Facilitate Transdisciplinary Learning & Action

“producing new knowledge by integrating different scientific and extra-scientific insights [...] to contribute to both societal and scientific progress”  (Jahn et al:8)

LINKING:
- Linked courses and Buzz Courses
- Integrating co-curricular into curricular
- Integrating community projects
- Affiliating courses & minors
- Linking partners through CoPs and networks

DEVELOPING HOLISTIC FRAMEWORKS:
- Sustainable Communities
- Key SC Themes:
  - Community Health
  - Civic Data
  - Green Infrastructure
  - Sustainable & Equitable Development
  - Climate Change

<table>
<thead>
<tr>
<th></th>
<th>Traditional Science</th>
<th>Scientific Consulting*</th>
<th>Contributory Citizen Science</th>
<th>Collaborative Citizen Science</th>
<th>Co-created Citizen Science</th>
<th>Collegial Citizen Science / Participatory Action Research</th>
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</thead>
<tbody>
<tr>
<td><strong>Question</strong></td>
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<tr>
<td><strong>Study Design</strong></td>
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<tr>
<td><strong>Data Collection</strong></td>
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<tr>
<td><strong>Data Analysis and Interpretation</strong></td>
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<tr>
<td><strong>Understanding results</strong></td>
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<tr>
<td><strong>Management Action</strong></td>
<td>Variable</td>
<td>Narrow</td>
<td>Broad</td>
<td>Broad</td>
<td>Narrow</td>
<td>Narrow</td>
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<tr>
<td><strong>Geographic scope of project</strong></td>
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<td><strong>Nature of people taking action</strong></td>
<td></td>
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<tr>
<td><strong>Research priority</strong></td>
<td>Highest</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>Medium</td>
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<tr>
<td><strong>Education priority</strong></td>
<td>Low</td>
<td>Medium</td>
<td>High</td>
<td>High</td>
<td>High</td>
<td>High</td>
</tr>
</tbody>
</table>

*often called Science Shops

![Health condition](disorder_or_disease)

![Body Functions & Structure](activity_participation)

![Environmental Factors](contextual_factors)

![Personal Factors](contextual_factors)
Empowering and Activating our Students

Kamau Bobb, Senior Director, Constellations Center for Equity in Computing at Georgia Tech

Russ Clark, Co-Director, Georgia Tech Research Network Operations Center

Jennifer Hirsch, Director, Center for Serve-Learn-Sustain
Closing the Loop for Socio-Technical Impact

Leigh McCook, Deputy Director, IPaT
Paul Baker, Senior Director of Research and Strategic Innovation, CACP
Jennifer Clark, Associate Director for Smart Cities and Inclusive Innovation; Associate Professor Public Policy
Brad Fain, Director, Georgia Tech HomeLab
Maribeth Gandy, Director, IMTC
Reaching for the Brass Ring

Beth Mynatt, Executive Director, Institute for People and Technology

Carl DiSalvo, Associate Professor, School of Literature, Media, and Communication

Craig Zimring, Professor of Architecture; Director, SimTigrate Design Lab
Thank You

Reception and Networking