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<tr>
<td>8:00 am - 8:50 am</td>
<td><strong>Registration and Continental Breakfast</strong>&lt;br&gt;Ballroom A&lt;br&gt;Sponsored by UPMC Health Plan and WorkPartners</td>
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<td>8:50 am - 10:15 am</td>
<td><strong>Welcome and Morning Plenary Session</strong>&lt;br&gt;Ballroom B&lt;br&gt;&lt;br&gt;<strong>Welcome:</strong> Bruce L. Rollman, MD, MPH&lt;br&gt;Director, Center for Behavioral Health and Smart Technology&lt;br&gt;UPMC Endowed Professor of General Internal Medicine&lt;br&gt;Professor of Medicine, Psychiatry, Biomedical Informatics, and Clinical and Translational Science&lt;br&gt;University of Pittsburgh School of Medicine&lt;br&gt;&lt;br&gt;<strong>Welcoming Remarks:</strong> Rob A. Rutenbar, PhD&lt;br&gt;Senior Vice Chancellor for Research&lt;br&gt;University of Pittsburgh&lt;br&gt;&lt;br&gt;<strong>Keynote Speaker:</strong> David Mohr, PhD&lt;br&gt;Achieving an Implementable Revolution in Digital Mental Health&lt;br&gt;Director, Center for Behavioral Intervention Technologies (CBITs)&lt;br&gt;Northwestern University Feinberg School of Medicine&lt;br&gt;&lt;br&gt;<em>Dr. Mohr’s Keynote is sponsored by the University of Pittsburgh and the Clinical + Translational Science Institute</em></td>
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<td>10:15 am - 10:30 am</td>
<td><strong>Coffee &amp; Tea Break</strong>&lt;br&gt;Sponsored by Katz-UPMC Executive MBA in Healthcare Program</td>
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<td>10:30 am - 11:45 am</td>
<td><strong>Breakout Sessions #1</strong>&lt;br&gt;&lt;br&gt;<strong>Mobile Smart Sensing</strong>&lt;br&gt;Conference Room A&lt;br&gt;&lt;br&gt;<strong>Moderator:</strong> John S. Maier, PhD, MD&lt;br&gt;Program Director, Pittsburgh Innovation Challenge (PiCh)&lt;br&gt;&lt;br&gt;<strong>Panelists:</strong>&lt;br&gt;<strong>Louis-Philippe Morency, PhD</strong>&lt;br&gt;Multimodal Behavior Sensing for Mental Health&lt;br&gt;Assistant Professor, Language Technology Institute&lt;br&gt;Carnegie Mellon University&lt;br&gt;&lt;br&gt;<strong>Charles Jonassaint, PhD</strong>&lt;br&gt;GPS Mobility Monitoring in Sickle Cell Disease&lt;br&gt;Assistant Professor of Medicine, and Clinical and Translational Science&lt;br&gt;&lt;br&gt;<strong>Carissa A. Low, PhD</strong>&lt;br&gt;Using Smartphone and Wearable Sensors to Improve Cancer Outcomes&lt;br&gt;Assistant Professor of Medicine&lt;br&gt;&lt;br&gt;<strong>Electronic Trial Recruitment</strong>&lt;br&gt;Ballroom B&lt;br&gt;&lt;br&gt;<strong>Moderator:</strong> Daniel Buyssse, MD&lt;br&gt;UPMC Endowed Professor of Sleep Medicine, Psychiatry, and Clinical and Translational Science&lt;br&gt;&lt;br&gt;<strong>Panelists:</strong>&lt;br&gt;<strong>Heather Theoret Rockwell, MPW</strong>&lt;br&gt;Pitt+Me Recruitment Facilitator, Clinical + Translational Science Institute&lt;br&gt;&lt;br&gt;<strong>Katelyn Collinger, MA</strong>&lt;br&gt;Recruitment Facilitator&lt;br&gt;&lt;br&gt;<strong>Sue Clifton, MEd</strong>&lt;br&gt;Recruitment Facilitator&lt;br&gt;&lt;br&gt;<strong>Katz Executive Healthcare MBA</strong>&lt;br&gt;Gold Room&lt;br&gt;&lt;br&gt;<strong>Moderator:</strong> J. Jeffrey Inman, PhD, MB&lt;br&gt;Associate Dean for Research and Faculty, Joseph M. Katz Graduate School of Business&lt;br&gt;&lt;br&gt;<strong>Panelists:</strong>&lt;br&gt;<strong>Carrie Leana, PhD, MBA</strong>&lt;br&gt;Katz-UPMC Executive MBA-Healthcare Research Projects&lt;br&gt;Director, Healthcare Executive MBA&lt;br&gt;George H. Love Professor of Organizations and Management&lt;br&gt;&lt;br&gt;<strong>Jerry May, PhD</strong>&lt;br&gt;Data-Based Tools for Tracking and Predicting the Quality of Glycemic Control in Diabetic Patients&lt;br&gt;Professor of Business Administration&lt;br&gt;&lt;br&gt;<strong>Peggy Liu, PhD</strong>&lt;br&gt;Leveraging Consumer Insights on Healthy Food Choices&lt;br&gt;Assistant Professor of Business Administration</td>
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**Networking Lunch, All Guests**  
Ballroom A  
*Sponsored by the University of Pittsburgh School of Computing and Information*

| 11:45 am - 1:00 pm | Networking Lunch, All Guests  
Ballroom A |

| 1:00 pm - 2:15 pm | **Afternoon Plenary Session**  
Ballroom B |

**Welcome:**  
Paul R. Cohen, PhD  
Founding Dean, School of Computing and Information  
University of Pittsburgh

**Speaker Introduction:**  
Dmitriy Babichenko, MS  
Professor of Practice  
School of Computing and Information  
University of Pittsburgh

**Keynote Speaker:**  
Jesse Schell, MS  
*Games for Health: Challenges and Opportunities*  
CEO, Schell Games  
Pittsburgh, PA

*Mr. Schell’s Presentation is sponsored by the University of Pittsburgh Innovation Institute*

| 2:15 pm - 3:30 pm | **Breakout Sessions #2** |

**Games for Health**  
Conference Room A

**Moderator:**  
Dmitriy Babichenko, MS  
Professor of Practice  
School of Computing and Information

**Panelists:**  
Jessica Hammer, PhD  
*Improving Collaboration Between Game Designers and Health Researchers*  
Assistant Professor  
Human-Computer Interaction Institute  
Carnegie Mellon University

Geoffrey Kurland, MD  
*A Video Game to Improve Drug Adherence in Asthmatic Children*  
Professor, Pediatric Pulmonary Medicine, Allergy, and Immunology

Lorin Grieve, PharmD  
Instructor  
&  
Olufunmilola Abraham, PhD  
Assistant Professor of Pharmacy and Therapeutics  
Alchemy Knights (A2OTC)  
U. Pitt School of Pharmacy

**Artificial Intelligence for Behavioral Health**  
Ballroom B

**Moderator:**  
Michael Spring, PhD  
Associate Professor,  
School of Computing and Information

**Panelists:**  
Carol Smith, MS  
*AI for Behavioral Health: Machine Learning Demystified*  
Senior Design Manager, IBM Watson

James Joshi, PhD  
*Security and Privacy in Mobile and Web-Based Interventions*  
Professor,  
School of Computing and Information

**Chronic Disease Management**  
Gold Room

**Moderator:**  
Eva Szigethy, MD PhD  
Associate Professor of Psychiatry, Pediatrics and Medicine

**Panelists:**  
Ellen Beckjord, PhD, MPH  
*Odyssey for Chronic Disease*  
Director, Population Health Program  
Design & Engagement Optimization  
UPMC Health Plan

Bambang Parmanto, PhD  
*Modular and Adaptive mHealth for Chronic and Complex Conditions*  
Professor,  
Health Information Management  
School of Health and Rehabilitation Sciences

Ji Yeon Choi RN, PhD  
*Telerehabilitation to Engage Lung Transplant Recipients in Exercise*  
Assistant Professor,  
Acute & Tertiary Care  
U. Pitt School of Nursing

| 3:30 pm - 3:45 pm | **Coffee & Tea Break**  
*Sponsored by Katz-UPMC Executive MBA in Healthcare Program* |
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<tr>
<td>3:45 pm - 4:55 pm</td>
<td><strong>Intro to the Innovation Institute</strong></td>
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<td><strong>Ballroom B</strong></td>
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<td><strong>Speaker Introduction:</strong></td>
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<td><strong>J. Jeffrey Inman, PhD, MBA</strong></td>
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<td>Associate Dean for Research and Faculty</td>
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<td>Albert Wesley Frey Professor of Marketing and Professor of Business</td>
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<td>Joseph M. Katz Graduate School of Business</td>
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<td><strong>Carrie Leana, PhD, MBA</strong></td>
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<td>Director, Healthcare Executive MBA</td>
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<td>George H. Love Professor of Organizations and Management</td>
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<td>Professor of Business Administration, Medicine, &amp; Public and International Affairs</td>
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<td>Joseph M. Katz Graduate School of Business</td>
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<td><strong>Speaker:</strong></td>
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<td><strong>Evan Facher, PhD, MBA</strong></td>
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<td>From Campus to Commercialization:</td>
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<td>How Pitt’s Innovations Reach the Marketplace</td>
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<td>University of Pittsburgh Innovation Institute</td>
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<td><strong>Games4Health Awards Presentations</strong></td>
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<td><strong>Dmitriy Babichenko, MS</strong></td>
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<td>University of Pittsburgh</td>
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<td>4:55 pm - 5:00 pm</td>
<td><strong>Concluding Remarks</strong></td>
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<td><strong>Ballroom B</strong></td>
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<td><strong>Bruce L. Rollman, MD, MPH</strong></td>
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Networking Wine Reception and Smart Technology Demonstrations
Ballroom A
Sponsored by the UPMC Aging Institute

Table #

1. **AnywhereCare**
   Alexis Miller, MS
   Melinda Schriver, MHA, MBA
   UPMC Health Plan

   UPMC Anywhere Care is a virtual visit platform that facilitates live, interactive audio and video visits between providers and their patients, no matter where they are located. The platform supports virtual patient-initiated visits, scheduled visits, and provider-to-provider consults.

2. **Brite: A Suicide Prevention App for Youth**
   Candice L. Biernesser, LCSW, MPH
   Jamie Zelazny, PhD
   Giovanna Porta, MS
   University of Pittsburgh School of Public Health, UPMC Western Psychiatric Institute and Clinic

   Brite is a smartphone app which aims to support suicidal youth as they transition from inpatient to outpatient care.

3. **DASH (Detecting Activity to Support Healing)**
   Carissa Low, PhD
   University of Pittsburgh School of Medicine

   DASH is a smartphone and smartwatch intervention to increase physical activity before and after cancer surgery by prompting brief walks when prolonged sedentary bouts are detected.

4. **EmCARE**
   Dana Rofey, PhD
   University of Pittsburgh Department of Psychiatry, Adolescent Medicine

   EmCARE uses electronic mobile technology to connect adolescents and young adults with routine provider engagement. It is an SMS-based system for young adults presenting to the emergency department to engage them in routine primary care.

5. **FitByte: Automated Diet Monitoring using Wearable Devices**
   Mayank Goel, PhD
   Abdelkareem Bedri, PhD
   Karan Ahuja
   Human-Computer Interaction Institute, Carnegie Mellon University

   FitByte is a wearable device that uses accelerometers placed near the user’s ear to detect their chewing activity. The system then uses signal processing and machine learning to infer the exact times of the day when user eats their snacks and meals, and aids the user in maintaining an accurate diary of their diet.

6. **IBM Watson**
   Carol Smith, MS

7. **Lantern**
   Megan Oser, PhD
   Thrive Network, Inc.

   Lantern is an evidence-based digital program that is an accessible, measurable addition to behavioral health care, combining Cognitive Behavioral Therapy (CBT) and mindfulness with the support of a behavior change coach.
8. **LemurDx**  
Oliver Lindhiem, PhD  
Jordan Harris, BS  
University of Pittsburgh Department of Psychiatry

LemurDx is a software system for smartwatches that uses state-of-the-art sensor technology and machine learning algorithms to measure hyperactivity and enhance the objectivity and precision of ADHD diagnoses.

9. **My Cardiac Coach, Nutromatic**  
Max Tsvetovat, PhD  
Open Health Network, Inc.

Open Health Network is the leading platform for mobile patient experience management. My Cardiac Coach is a mobile application for cardiac rehabilitation and patient education, and Nutromatic is a chatbot nutrition recommendation system.

10. **Night Shift**  
Michał Ksiazkiewicz  
Schell Games

Night Shift is a mobile game that allows players to become an emergency medicine physician who is faced with a series of critical situations. The game, developed through a partnership between the University of Pittsburgh and Schell Games, aims to improve the diagnostic heuristics of physicians during trauma stage.

11. **Optimizing speed-accuracy tradeoffs in aphasia language rehabilitation**  
William S. Evans, PhD, CCC-SLP  
University of Pittsburgh Department of Communication Sciences and Disorders

This demo is a novel feedback algorithm that will be used to help veterans with aphasia learn to maximize response accuracy while minimizing response time in an adaptive computer-based language treatment.

12. **RAY (Rhythms and You)**  
Holly A. Swartz, MD  
University of Pittsburgh Department of Psychiatry

RAY is a web-based self-help program for bipolar disorder that teaches participants to increase the regularity of their daily rhythms in order to improve their mood.

13. **Rx for Wellness**  
Jamie Delu  
Thomas Drennan

UPMC Prescription for Wellness is a physician-prescribed, EMR-integrated health coaching and feedback tool to improve patients health behaviors, better manage their care and assist in shared decision-making with their PCP.

14. **Sensometer App**  
Charles Jonassaint, PhD, MHS  
Center for Behavioral Health + Smart Technology  
University of Pittsburgh School of Medicine

Sensometer App is a simple GPS activity space tracking and EMA push survey app for Android and iOS.

15. **Vivify**  
Andrew Watson, MD  
UPMC, Department of Surgery

Vivify is an extension of our clinical care into the patient’s home. Using simple technology we can work with patients for symptom management and behavioral health to coordinate and manage their long-term care.

16. **Cystic FiBlaster (Winner of Games4Health Jam)**  
Daniel Justice  
Andrew Mrkva
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| 17. | **Loss Vegas (Winner of Games4Health Jam)** | Frank Pasqualini  
Natasha Kamtekar |
| 18. | **78 (Winner of Games4Health Jam)** | Collin Wolf  
Lauren Schlusser |