



LAUNCH **CMU**

Carnegie Mellon University  
Center for Innovation and Entrepreneurship

CELLS, CIRCUITS AND CITIES



SHOWCASE OF  
PRESENTATIONS

2:00 p.m.  
University Center  
Rangos 1

LATHAM & WATKINS



OLYMPUS

Deloitte.

## SHOWCASE OF PRESENTATIONS

**2:00 p.m.**

University Center, Rangos 1

**2:15-3:15 p.m.**

### Faculty Research

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#### Dynamic Power Management in Data Centers

Mor Harchol-Balter, Associate Professor of Computer Science

#### Modeling Consumer Emotion

Jonathan Cagan, George Tallman and Florence Barrett Ladd Professor in Engineering, Mechanical Engineering

#### What Happens When Vehicles Drive Themselves?

Raj Rajkumar (CIT PhD '90), George Westinghouse Professor of Electrical and Computer Engineering

#### Unleashing the Potential of Modern Neuroimaging

Aarti Singh, Assistant Professor of Machine Learning

#### Reconstructing Evolution of Tumor Cells by Computer Algorithms

Russell Schwartz, Professor of Biological Sciences and Computational Biology

#### Modern Dynamic Kidney Exchanges

Tuomas Sandholm, Professor of Computer Science

**4:00-5:00 p.m.**

### Startup Companies

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#### YinzCam: The Ultimate Mobile Fan Experience

Priya Narasimhan, Professor of Electrical and Computer Engineering

#### Surtrac: Cutting Down on Congestion with Intelligent, Adaptive Traffic Signals

Greg Barlow (CS PhD '11), Project Scientist, Robotics Institute

#### Sharp Edge Labs: Understanding Drugs and Accelerating Therapies

Marcel Bruchez, Associate Professor of Chemistry and Biological Sciences

#### PECA Labs: Saving the Lives that Industry Ignores

Doug Bernstein (CIT '12), Co-Founder/CEO

#### ActivAided Orthotics: Restore Posture, Relieve Pain

Kelly Collier (CIT '11), CEO

#### Duolingo: Free Language Education for the World

Luis von Ahn (CS PhD '05), Associate Professor of Computer Science

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