# Google Faculty Research Awards - February 2014

### **Economics**

Michael D. Smith and Rahul Telang, Carnegie Mellon University Jeffrey Ely and Sandeep Baliga, Northwestern University Mohammad Hajiaghayi, University of Maryland - College Park Dirk Bergemann, Yale University

## Geo/maps

Pieter Peers, College of William & Mary Louis-Martin Rousseau and Claude-Guy Quimper, Ecole Polytechnique de Montreal Bernhard Jenny, Oregon State University Ruisheng Wang, University of Calgary Ravi Ramamoorthi, University of California - Berkeley

# **Human-computer interaction**

Aniket Kittur and Steven Dow, Carnegie Mellon University
Anind Dey, Carnegie Mellon University
Olena Mamykina, Columbia University
Mary (Missy) Cummings, Duke University
Yotam Gingold, George Mason University
Martin Dresler, Guillen Fernandez, and Christian Doeller, Radboud University
Allison Druin, University of Maryland - College Park
Larry Davis, University of Maryland - College Park
Marshini Chetty, University of Maryland - College Park
Rosta Farzan, University of Pittsburgh
Daniel Weld, University of Washington
Jacob Wobbrock, University of Washington
Shyam Gollakota, University of Washington

### Information retrieval

Jamie Callan, Carnegie Mellon University
Eugene Agichtein, Emory University
Soumen Chakrabarti, Indian Institute of Technology - Bombay
Torsten Suel, Polytechnic Institute of New York University
Heng Ji, Rensselaer Polytechnic Institute

### Machine learning

Seif Eldawlatly, Ain Shams University
Edoardo Airoldi and Donald Rubin, Harvard University
Jelani Nelson, Harvard University
Amir Globerson and Shai Shalev-Shwartz, Hebrew University
Adnan Darwiche, University of California - Los Angeles

Carlos Ansotegui, University of Lleida Nando de Freitas, University of Oxford Ruslan Salakhutdinov, University of Toronto Jeff Bilmes, University of Washington

#### **Mobile**

Jason Hong, Carnegie Mellon University
Mahadev Satyanarayanan, Carnegie Mellon University
Pei Zhang and Hae Young, Carnegie Mellon University
Junfeng Yang, Columbia University
Xia Zhou and Andrew Campbell, Dartmouth College
Tam Vu and Marco Gruteser, University of Colorado - Denver
Christian Sandor, University of South Australia
Jacques Rudell, University of Washington

# **Machine Perception**

Abhinav Gupta, Carnegie Mellon University
Irfan Essa, Georgia Institute of Technology
Abhijeet Ghosh, Imperial College London
Johanna Devaney, Ohio State University
Jianxiong Xiao, Princeton University
Maneesh Agrawala, University of California - Berkeley
Mubarak Shah, University of Central Florida
Kristen Grauman, University of Texas at Austin
Ira Kemelmacher, University of Washington

### **Machine Translation**

Hao-Chuan Wang, Susan Fussell, and Dan Cosley, National Tsing-Hua University Daniel Gildea, University of Rochester

### Networking

Hari Balakrishnan, Massachusetts Institute of Technology Phillipa Gill, State University of New York - Stony Brook Ítalo Cunha, Universidade Federal de Minas Gerais Ethan Katz-Bassett, University of Southern California

### Natural language processing

Ido Dagan, Bar Ilan University
Benjamin Van Durme, Johns Hopkins University
Boris Katz, Massachusetts Institute of Technology
Marie-Catherine de Marneffe, Ohio State University
Roi Reichart, Technion - Israel Institute of Technology
Diane Litman, University of Pittsburgh

### Other

David Pritchard, Massachusetts Institute of Technology Thomas Schildhauer, Universitát der Künste Mark Warschauer and Joshua Lawrence, University of California - Irvine

### **Policy**

Anupam Chander, University of California - Davis

# **Privacy**

David Crandall and Apu Kapadia, Indiana University - Bloomington Wei Jiang, Missouri University of Science and Technology Josep Domingo-Ferrer, Universitat Rovira i Virgili Katie Shilton, University of Maryland - College Park

#### **Robotics**

Jodi Forlizzi and Siddhartha Srinivasa, Carnegie Mellon University Wayne Walter and Kathleen Lamkin-Kennard, Rochester Institute of Technology Davide Scaramuzza, University of Zurich

### Structured data

Jun Yang, Duke University
Christopher Re, Stanford University
James Cheney and Paul Anderson, University of Edinburgh
Zachary Ives, University of Pennsylvania

## Security

Hoeteck Wee, École Normale Supérieure Christopher Peikert, Georgia Institute of Technology Serge Egelman, International Computer Science Institute Matthew Smith, Leibniz Universität Hannover Nickolai Zeldovich, Massachusetts Institute of Technology Guofei Gu, Texas A&M University Stefano Paraboschi, Universita' degli Studi di Bergamo

### Social

Jamil Zaki, Stanford University
Padhraic Smyth, University of California - Irvine
Jiebo Luo, University of Rochester
Valerie King, University of Victoria

### Speech

Rita Singh, Carnegie Mellon University

Khe Chai Sim, National University of Singapore Mark Gales, University of Cambridge Thomas Hain and Trevor Cohn, University of Sheffield

## Software engineering

Claire Le Goues, Carnegie Mellon University
Martin Vechev, ETH Zurich
Hana Chockler, Daniel Kroening, and Ofer Strichman, King's College London
Amal Ahmed, Northeastern University
Santosh Nagarakatte, Rutgers University
Miryung Kim, University of Texas at Austin
Lin Tan, University of Waterloo

## **Systems**

Hadi Esmaeilzadeh, Georgia Institute of Technology
Margo Seltzer, Harvard University
Marc Shapiro, INRIA
Haris Gavranovic and Timothy Wood, International University of Sarajevo
Daniel Sanchez, Massachusetts Institute of Technology
Jan Vitek, Purdue University
Peter Druschel and Deepak Garg, Saarland University
Wei Xu and Longbo Huang, Tsinghua University
Rastislav Bodik, University of California - Berkeley
Holger Fröning, University of Heidelberg
Thomas Anderson, University of Washington
Wojciech Golab, University of Waterloo
David Wood and Mark Hill, University of Wisconsin - Madison