

# DEPARTMENT OF COMPUTER SCIENCE



## AWARDS CEREMONY 2015

### Faculty Accomplishments, Honors and Awards

**Aravind Srinivasan** has been elected as an ACM Fellow for contributions to algorithms, probabilistic methods and networks. He was also named Editor and Chief of ACM Transactions on Algorithms.

**Neil Spring** received the ACM SIGCOMM Test of Time Award.

**Ben Shneiderman** received an Honorary Doctorate from Stoneybrook University.

**Andrew Childs** was named Director of QUICS and Canadian Institute for Advanced Research Fellow.

**Jonathan Katz** received the Humboldt Award.

**Michael Hicks** was elected Chair of SIGPLAN, UMD.

**Adam Porter** received the CMNS Board of Visitors Creative Educator Award and named Named Executive Director of Fraunhofer Center for Experimental Software Engineering.

**Mohammad Hajiaghayi** received the Graduate Faculty Mentor Award.

**Larry Davis** had a Cape Cod Workshop in his honor.

Promoted to Full Professor July 2014

**Ramani Duraiswami**

**Jeff Foster**

**Atif Memon**

Promoted to Emerita Faculty July 2014

**Bonnie Dorr**

Emerita Faculty and Distinguished University Professor

**Dianne O'Leary**

New Faculty Members

**Marine Carpuat**

**Andrew Childs**

**Tom Goldstein**

**Michelle Mazurek**

**Eytan Rupp**

### Excellence in Teaching

Students recognized the following faculty members and TAs for their teaching excellence:

#### Professorial Faculty

**Pete Keleher**

**Mihai Pop**

#### Instructor Faculty

**Nelson Padua-Perez**

#### Graduate Teaching Assistant

**Hong Wei**

#### Undergraduate Teaching Assistant

**Joan Zhang**

### Staff Awards

#### Semi-Annual Award for Exemplary Service to the Department

**Brandi Adams**

**Savannah Renehan**

#### New Staff Members

**Regis Boykin**

**Marcus Lauer**

**Amy Vaillancourt**

#### 2014 Upsilon Pi Epsilon Members

**Emily Jones**

**Joseph Owen**

**Daniel Rabinovich**

**Raja Ratna Murthy Ayyagari**

**Zachary Siegel**

**Eliana Vornov**

### Undergraduate Students' Honors and Awards

#### Department Undergraduate Scholars

(4.0 GPA CS majors at/beyond "Sophomore Level")

**Lawrence Bathon**                      **Christopher Harris**

**Rebecca He**                              **Philip Kim**

**Peter Koutras**                          **Jeremy Krach**

**William Kunkel**                        **Cassidy Laidlaw**

**Hoon Lee**                                **Isabel Nathan**

**Poom Natrakul**                        **Charles Parker**

**Daniel Portin**                          **Anna Putintseva**

**Benjamin San Nicolas**              **Mihai Sirbu**

**Kevin Wittmer**                        **Julia Zheng**

#### Association for Women in Computing Co-Chairs

**Undergrad: Aboli Kumthekar**

**Grad: Preeti Bhargava**

### CS Departmental Scholarship Awards 2013 – 2014

#### Brian Lyons Computer Science Endowed Scholarship

**Michael Tontchev**

#### Christopher David Malter Memorial Scholarship

**Ryan Dorson**

#### Chevy Chase Bank Dean's Scholarships

**Raja Ayyagari**                              **Albert Koy**

#### Raj Khera and Tripti Sinha Scholarship

**Chunxing Yin**

#### Guy A. Wassertzug/InfoStructures, Inc. Scholarship

**Halley Weitzman**

The Jeffrey C. and Sandra W. Huskamp Endowed Computer Science Scholarship

**Lukas Zhupa**

AFCEA-Bethesda Chapter Scholarships

**Anupam Ghosh      Theo Lorrain-Hale**

The David E. Eisner and Family Scholarship

**Ian Sweet**

The Tony and Diana Chen Computer Science Scholarships

**Mitchell Arnett      Michael Eleff**

**Baris Gokpinar**

Fig Leaf Software Drucker/Gallerizzo Computer Science

**Jerome Kelman      Jason Rubin**

**John D. Gannon Awards**

John D. Gannon Scholarships

In honor of a former Chair of Computer Science, Dr. John Gannon, these scholarships provide recognition and financial support to outstanding advanced undergraduate students within the department. The awards are based upon students' academic merit as well as their aptitude for and commitment to teaching and research.

**Omar Ahsan                      Alex Alberg**

**Mason Bedard                      Tim Crawford**

**Matthew Demers                      Aaron Dugatkin**

**Daniel Albarnaz Farias                      Gedalia Kott**

**Youcef Moumena                      Paige Nelson**

**Joel Samelson                      Christopher Terefinko**

**Jeffrey Wang                      Joan Zhang**

John D. Gannon Portal Awards

These scholarships recognize outstanding computer science undergraduates early in their studies. The awards are given to outstanding undergraduate students based on academic merit who have demonstrated aptitude for and commitment to teaching and research.

**Chowdhury Barua                      Ryan Eckenrod**

**Maria Furman                      Andrew Liu**

John D. Gannon Entering Student Awards

**Neelima Pradhan                      Christian Wolf**

Boeing Scholarship

**Max Tatief**

Computer Science Partners in Computing Scholarships

**Paige Nelson                      Joel Samelson**

Sarah Reehl Scholarship

**Aboli Kumthekar**

Andrew Reisse Memorial Scholarship

**Corey Lowman**

Cipher Tech

**Tyler Austin**

**Graduate Students' Honors and Awards**

Fellowships and Awards:

**Preeti Bhargava**, Ann G. Wylie Dissertation Fellowship, 2015-16

**Victoria Cepeda Espinoza**, Fulbright Fellowship, 2014-15

**Snigdha Chaturvedi**, IBM PhD Fellowship, 2015-16; Kulkarni Summer Research Fellowship, 2015

**Soham De**, Future of Information Alliance-Deutsch Foundation Seed Grant Fellowship, 2015

**Hossein Esfandiari**, World Quantitative and Science Scholarship, 2014-15; Ann G. Wylie Dissertation Fellowship, 2015-16

**Seokbin Kang**, Kwanjeong Educational Foundation 4 Year Scholarship

**Ugur Koc**, Scientific and Technological Research Council of Turkey Fellowship, 2014-15 and 2015-16

**Srijan Kumar**, World Quantitative and Science Scholarship, 2014-15; Future of Information Alliance-Deutsch Foundation Seed Grant Fellowship, 2015

**Vahid Liaghat**, Google Fellowship, 2014-15

**Alex Malozemoff**, National Defense Science & Engineering Graduate Fellowship, 2015

**Jayanta Mondal**, Kulkarni Summer Research Fellowship, 2015

Future Faculty Fellows

**Chang Liu**

**Manish Purohit**

University of Maryland Outstanding Graduate Student Awards, 2015

**Ioana Bercea                      Andrew Miller**

**Mohammad Reza Khani                      Shangfu Peng**

**Matthew Mauriello**

Larry S. Davis Doctoral Dissertation Awards, 2014

**Sujal Bista**, “Visual Computing Tools for Studying Micro-scale Diffusion”  
Advisor: Amitabh Varshney

**Rajesh Chitnis**, “Directed Graphs: Fixed-parameter Tractability & Beyond”  
Advisor: Mohammad Hajiaghayi

Best Paper Awards:

**Sujal Bista**, IEEE Transactions on Visualization and Computer Graphics 2014: “Visualization of Brain Microstructure through Spherical Harmonics Illumination of High Fidelity Spatio-Angular Fields”

**Chang Liu**, ASPLOS 2015: “GhostRider: A Hardware-Software System for Memory Trace Oblivious Computation”

**Theodoros Rekatsinas**, SIAM International Conference on Data Mining 2015: “SourceSeer: Forecasting Rare Disease Outbreaks Using Multiple Data Sources”

**Jeff Stuckman**, ISSRE 2014: "Predicting Vulnerable Components: Software Metrics vs Text Mining"

**Ph.D. Graduates 2014**

Spring:

**Ronald Alford**, U.S. Naval Research Lab, Washington, DC

**Sujal Bista**, Research Associate, UMIACS, UMCP

**Arijit Biswas**, Xerox Research Centre India, Bangalore

**Peter Fontana**, NIST, Gaithersburg, MD

**Jiarong Jiang**, Two Sigma Investment LLC, New York, NY

**Michael Lam**, Asst. Prof., James Madison Univ., Harrisonburg, VA

**Megan Monroe**, IBM, Cambridge, MA

**Hassan Sayyadi**, Comcast Cable, Washington, DC

**Douglas Summers-Stay**, Army Research Lab, Frederick, MD

**Gleneesha Williams**, Dept. of Defense, Ft. Meade, MD

**Derrick Wood**, Postdoc, Johns Hopkins Univ., Baltimore, MD

Summer:

**Kan Leung Cheng**, Google, Mountain View, CA

**Adam Groce**, Visiting Asst. Prof., Reed College, Portland, OR

**Yuening Hu**, Yahoo Labs, Sunnyvale, CA

**Yuancheng Luo**, Visisonics, College Park, MD

**Alex Quinn**, Asst. Prof., ECE, Purdue Univ., South Bend, IN

**Geoffrey Stoker**, U.S. Army, Ft. Bliss, TX

Fall:

**Rajesh Chitnis**, Postdoc, Weizmann Inst. of Science, Rehovot, Israel

**Ashwin Kayyoor**, Symantec Research Labs, Culver City, CA

**Jared Sylvester**, Booz Allen Hamilton, Annapolis Junction, MD

**Ke Zhai**, Yahoo Labs, Sunnyvale, CA