Welcoming Remarks and Awards Presentation
Prof. Samir Khuller
Faculty Accomplishments, Honors and Awards
Ashok Agrawala has received the VITA award by the Wireless Foundation of CTIA. He also received the Technology Champion of the Year Award, by the National Organization of Black Law Enforcement Executives (NOBLE).

William Arbaugh, who retired from the Department on October 1, 2012, has been granted the title of Associate Professor Emeritus.

Victor Basili was chosen as Chair of the Scientific Advisory Board at the University of Luxembourg.

Ben Bederson, Jon Froehlich, David Jacobs, and Lise Getoor won Google Research Awards.

Ben Bederson will hold the position of Special Advisor to the Provost on Technology and Educational Transformation through August 2014.

Larry Davis was elected as a Fellow of the Association for Computing Machinery. He was also invited to lecture in the 2013 International Summer School on Trends in Computing (SSTIC 2013), to be held in Tarragona, Spain July 22-26 2013. Lastly, Larry was appointed Director of the Center for Automation Research (CFAR).

Jon Froehlich won the University of Washington (Seattle) Distinguished Dissertation Award.

Evan Golub, for mentoring a group of four interdisciplinary UMD undergraduates, has won one of four FIA-Deutsch Foundation Seed Grants. The winning team’s proposal was “The Digital Cookbook: A Friendly Guide for Making the Local, Global” and the team is composed of Eliana Vomov (Computer Science and Linguistics), Claire Naylor (Information Systems), Jennifer Hottle (College of Journalism), and Kelsey Hughes (College of Journalism).

Jeff Hollingsworth was selected by the Computing Research Association (CRA) for the Computing Community Consortium (CCC) Leadership in Science Policy Institute (USPI) in Washington, D.C.

David Jacobs Scientific American named Leafsnap one of the top 10 apps for smartphones and tablets. Leafsnap is a collaboration among his students, particularly girls and racial minorities, to learn about various areas of computer science through a summer day camp and monthly weekend meetings during the school year.

Affiliate Prof. Louisa Raschid’s work as treasurer and director of the Sahana Software Foundation has been featured in a “UMD Right Now” article. Louisa describes Sahana as “the world’s leading open source software program for the rapid deployment of humanitarian response management.” The organization has most recently aided victims in the aftermath of Hurricane Sandy and has assisted in both international and domestic crises such as earthquakes in Japan (2011) and Haiti (2010).

Jim Reggia received a Graduate School Research and Scholarship Award for Summer 2013.

Hanan Samet has been awarded the Paris Kanellos Theory and Practice Award from the Association for Computing Machinery (ACM) “…for fundamental contributions to the development of multidimensional spatial data structures and indexing. Hanan’s work on spatial information was featured in the March 2013 edition of Communications of the ACM, the Association for Computing Machinery’s monthly magazine. The tribute article is entitled “Hanan Samet: A Trailblazer in Spatial Databases.”

Ben Shneiderman received the 2012 IEEE Visualization Career Award in recognition of his contributions to and leadership in information visualization and human computer interaction. Ben has also been awarded the Graduate Faculty Mentor of the Year Award.

Aravind Srinivasan was elected as a Fellow of the American Association for the Advancement of Science.

V.S. Subrahmanian, (with Aaron Mannes, Amy Silva, Jana Shakarian and John Dickerson) published “Computational Analysis of Terrorist Groups: Lashtak-e-Talba,” a comprehensive analysis of the behavior of terrorist groups and suggested mitigation policies using computational methods.

Amithab Varshney (with Sujal Bista, Satyendra Gupta and Sagar Chowdhury), won the Best Paper Award at the ASME Computer and Information in Engineering Conference held in Chicago, IL, August 12-15, 2012. Their paper was titled “Using GPUs for Realtime Prediction of Optical Forces on Microscale Ensembles”.

Promoted to Full Professor, July 2012

Alan Sussman
Promoted to Associate Professor, July 2012

Mohammad Hajiaghayi
New Faculty Member

Elaine Shi, Assistant Professor in MC2. Her research combines systems and theory to design new computing systems that are secure and privacy-preserving.

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

Professorial Faculty

Bobby Bhattacharjje and Dave Mount

Lecturer

Nelson Padua-Perez
Graduate Teaching Assistant

Vassilios Lekakis
Undergraduate Teaching Assistant

Emily Jones and Justin Zelinisky
Staff Accomplishments, Honors and Awards

Promotions

Brandi Adams from Assistant Director to Associate Director

Sharron McElroy from Assistant Director to Associate Director

James Phongsuwan from Research Programmer to Assistant Director

Semi-Annual Award for Exemplary Service to the Department

Sharron McElroy, July – December 2012

Service Award

Fatima Bangura, 15 years

Ethel Wilson, 5 years

New Staff Members

Jendayi Nyabinghi Ethel Wilson

Savannah Renehan Holly Xu

Elizabeth Roberts

Upson Pl E Potsty Membership:

Victoria Lai

Undergraduate Students’ Honors and Awards

Department Undergraduate Scholars

(4.0 GPA CS majors at/beyond “Sophomore Level”)

Omar Hossain Ahsan

Daniel Albarnaz Farias

Raja Ratna Murthy Ayyagari

Manddeep Singh Bedi

Fang Y. Cao

Jeremy Ozmandias Fallick

Omar Hossain Ahsan

Daniel Albarnaz Farias

Raja Ratna Murthy Ayyagari

Manddeep Singh Bedi

Fang Y. Cao

Jeremy Ozmandias Fallick
Jeffrey Gruen
Chevy Chase Bank Dean's Scholarships

Bryan Lyons
Computer Science Endowed Scholarship

Nathan Rong

Ryan William Sims

Victoria Lai

David Henry Minch

Zach Palchick

Andrew Nelson Rodgers-Schatz

Craig WesleySchwarz

Ryan William Sims

Luke Taylor Valenta

Jeffrey Xiao-Chong Wang

Nathan Rong-hua Yang
ACM Student Chapter President

Jennifer Choudhry
Association for Women in Computing Co-Chair

Deonna Hodges
Naomi Wilcox

CS Departmental Scholarship Awards 2013 – 2014

Brian Lyons Computer Science Endowed Scholarship

Jakub Bialas

Christopher David Matter Memorial Scholarship

Takako Nishimura

Chevy Chase Bank Dean's Scholarships

Jeffrey Gruen
Jack Lotkowski

Raj Khare and Trip Sinha Scholarship

Nadeem Malik

Guo A. WassarpugtugInfoStructures, Inc. Scholarship

Paige Nelson

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

Gedalia Kott
AFCEA-Bethesda Chapter Scholarships

Jonathan Chen
Anupam Ghosh
Theo Lorraine-Hale
Joel Wang
The David E. Eisein and Family Scholarship

Brian Meekins
The Tony and Diana Chen Computer Science Scholarships
Timothy Crawford
Konrad Slepow

Simon Townsend-Last
Nathan Yang

Fig Leaf Software Drucker/Gallerizzo Computer Science Scholarships

Omar Ahsan
Palanir Technologies Scholarships
Joshua Kamdjo
Joseph Owen

John D. Gannon Awards

John D. Gannon Scholarships

In honor of a former Department 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 an aptitude for and commitment to teaching and research.

Khoa Ha
John Penny

Thach Hoang
Luke Valenta

Chester Lam
Paige Nelson

Graham Welch
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.

Scott Dellatorre
Ian Sweet

Michael Eleff
Michael Tontchev

Alishba Khawaja
Halley Weitzman

Aboli Kumthekar
Chunxing Yin

Graduate Students’ Honors and Awards

Gannon Award for Outstanding Graduate Student

These awards recognize graduate students who have had outstanding achievements in the last year or so, are mid-career, and are planning on academic careers.

Stephen Bach
Ching Lik Teo
and Koyel Mukherjee, have been selected for the Gannon Award for Outstanding Graduate Student

Rajesh Chitnis, also received the Gannon Award for Outstanding Graduate Student and a UM Summer International Research Fellowship, 2012

Derek Monner and Christopher Hayden, received the Larry S. Davis Doctoral Dissertation Award 2012

Nicholas Chen, received honorable mention: Larry S. Davis Doctoral Dissertation Award 2012

Ang Li, Shangfu Peng
Hossein Esfandiari
won the ACM ICPC Mid-Atlantic Regional contest and have advanced to the world final competition to be held in Saint Petersburg, Russia, June 30-July 4, 2013.

The Board of Visitors Outstanding Graduate Student Award

This award recognizes a doctoral student advanced to candidacy, who has demonstrated scholarly and research excellence. Candidates are nominated by program directors and the winner is selected by the members of the Board.

Aaron Schulman

Best Paper Awards:

Huimin Guo (with Zhuolin Jiang and Larry S. Davis), Asian Conference on Computer Vision 2012: "Discriminative Dictionary Learning with Pairwise Constraints"

Cheek Ip (with Amitabh Varshney and Joseph Jaja), IEEE VisWeek Conference 2012: "Hierarchical Exploration of Volumes Using Multilevel Segmentation of the Intensity-Gradient Histograms"


Jayant Kumar (with Peng Ye and David Doermann), International Conference on Pattern Recognition 2012: "Learning Document Structure for Retrieval and Classification"


Awailn Sopan ACM Student Research Competition 2012: "The Dynamics of Web-Based Community Safety Groups: Lessons Learned from the Nation of Neighbor"

Ph.D. Graduates 2012

SPRING

Randolph Baden, Laboratory for Telecommunications Sciences, College Park, MD

Carlos Castillo, Postdoc, SUNY, Buffalo, NY

Nikolaos Frangiadakis, AGT International, Darmstadt, Germany

Neha Gupta, Bunchball, Redwood City, CA

Thuan Huyenh, Google, New York, NY

Sergey Koren, NBACC, Ft. Detrick, Frederick, MD

Benjamin Langmead, Asst. Prof., Johns Hopkins Univ., Baltimore, MD

Louis Licamele, Vanda Pharmaceuticals Inc., Washington, DC

Alexandre Tzannes, Postdoc, UIUC, Urbana, IL

Krist Wongsuphasawat, Twitter, San Francisco, CA

Saeed Atei, Postdoc, Cornell Univ., Ithaca, NY

Nicholas Chen, Microsoft, Cambridge, England

Mohammad Ghodsi, Google, New York, NY

Christopher Hayden, Washington Post Labs, Washington, DC

Bo Han, AT&T Labs, Florham Park, NJ

Ranjit Kumaresan, Postdoc, Inst. of Technology, Hafia, Israel

Jaehwan Lee, Samsung Research & Development, San Jose, CA

Bo Liu, Facebook, Menlo Park, CA

Justin McCann, USG, Laurel, MD

Galileo Namata, Versign, Reston, VA

Robert Patro, Visiting Scholar, Carnegie Mellon Univ., Pittsburgh, PA

Hossam Sharara, Google, Mountain View, CA

Sukhnyun Song, Postdoc, UMIACS, College Park, MD

Lidan Wang, Microsoft, Seattle, WA

Shanchan Wu, HP Labs, Palo Alto, CA

Arvind Agarwal, Xerox Research, Webster, NY

Huimin Guo, Microsoft, Redmond, WA

Chang Ha, Microsoft Bing, Redmond, WA

Michael Lieberman, Analytics Architect, JHU Applied Physics Lab, Baltimore, MD

Morimichi Nishigaki, Honda R & D Europe, Offbach/Main, Germany

Randolph Baden, Laboratory for Telecommunications Sciences, College Park, MD

Carlos Castillo, Postdoc, SUNY, Buffalo, NY

Nikolaos Frangiadakis, AGT International, Darmstadt, Germany

Neha Gupta, Bunchball, Redwood City, CA

Thuan Huyenh, Google, New York, NY

Sergey Koren, NBACC, Ft. Detrick, Frederick, MD

Benjamin Langmead, Asst. Prof., Johns Hopkins Univ., Baltimore, MD

Louis Licamele, Vanda Pharmaceuticals Inc., Washington, DC

Alexandre Tzannes, Postdoc, UIUC, Urbana, IL

Krist Wongsuphasawat, Twitter, San Francisco, CA

Saeed Atei, Postdoc, Cornell Univ., Ithaca, NY

Nicholas Chen, Microsoft, Cambridge, England

Mohammad Ghodsi, Google, New York, NY

Christopher Hayden, Washington Post Labs, Washington, DC

Bo Han, AT&T Labs, Florham Park, NJ

Ranjit Kumaresan, Postdoc, Inst. of Technology, Hafia, Israel

Jaehwan Lee, Samsung Research & Development, San Jose, CA

Bo Liu, Facebook, Menlo Park, CA

Justin McCann, USG, Laurel, MD

Galileo Namata, Versign, Reston, VA

Robert Patro, Visiting Scholar, Carnegie Mellon Univ., Pittsburgh, PA

Hossam Sharara, Google, Mountain View, CA

Sukhnyun Song, Postdoc, UMIACS, College Park, MD

Lidan Wang, Microsoft, Seattle, WA

Shanchan Wu, HP Labs, Palo Alto, CA

Arvind Agarwal, Xerox Research, Webster, NY

Huimin Guo, Microsoft, Redmond, WA

Chang Ha, Microsoft Bing, Redmond, WA

Michael Lieberman, Analytics Architect, JHU Applied Physics Lab, Baltimore, MD

Morimichi Nishigaki, Honda R & D Europe, Offbach/Main, Germany