

Florida State University
Department of Computer Science
2019 Honors and Awards Ceremony
Friday April 19, 2019





■ Recognition of Guests and Opening
Remarks, Department Highlights

... *Dr. Xin Yuan*

Computer Science Department Chair



Special Guests Today

Ted Baker

FSU Emeritus Professor

John Farrell

Engineering Manager, Harris Corporation, Defense and Products SW (stand-in for Sean Miniclier)

Thomas Leonard

CEO, River Bay Investments

Carl Owenby

Formal CS Dept. Chair, Maclay School

Jason Eick & Rafael Rodriguez

Danfoss Turbocor (stand-in for Dr. Lin Sun)

Ed Tunstall

Retired executive, Eli Lilly

Bill Lake

Datamaxx (stand-in for Kay Stevenson)

Lawrence Hall USF

Distinguished Professor



FACULTY RECOGNITION

Faculty and Staff

- **CS Department Faculty:**
 - 22 in-unit Tenure Track Professors
 - 7 Non-tenure Track faculty
- **CS Department Staff:**
 - 1 Business Manager
 - 1.5 Undergrad Advisors
 - 1 Graduate Coordinator
 - 1 Grant Compliance Analyst
 - 2 System Administrators (1 in faculty line)
 - 2 Administrative Support Assistants
 - 1 Program Assistant



Recent Grants

- Viet Tung Hoang, National Science Foundation, \$174,469.00
- Xin Yuan, Xiuwen Liu, Los Alamos National Laboratory, \$180,303.00
- Xiuwen Liu, University of South Florida \$37,500.00
- Michael Burmester, Daniel Schwartz, Office of Naval Research, \$149,950.00,
- David Whalley, NSF, \$215,000.00

Recent Grants

- Weikuan Yu, Xin Yuan, David Whalley, National Science Foundation, \$700,000,
- Weikuan Yu, UT-Battelle ORNL, \$99,800,
- Weikuan Yu, National Science Foundation, \$500,000
- Jiawei Zhang, National Science Foundation, \$550,000
- Peixiang Zhao, US Air Force, \$449,066.00
- Peixiang Zhao, US Army Research Office, \$49,681.00



Faculty Promotions

- Dr. Zhenghao Zhang, promoted to full professor
- Dr. Sonia Haiduc, promoted to associate professor with tenure
- Dr. Jie Yang, promoted to associate professor with tenure
- Ms. Melina Myers, promoted to Teaching Faculty II

Faculty Honors

- Dr. Sonia Haiduc -- NSF CAREER award
- Dr. Peixiang Zhao -- Army YIP award
- Ms. Melina Myers – FSU Transformation Through Teaching Award
- Dr. Zhi Wang – FSU Developing Scholar award

Faculty Hires

■ Faculty hired in 2018-2019:

Dr. Michael Gubanov, Assistant Professor, big data, data bases

Dr. Xifeng Gao, Assistant Professor, computer graphics

Ms. Gokila Dorai, Teaching Faculty I

■ Faculty resigned in 2018-2019:

Dr. Robert van Engelen

Dr. Ashok Srinivasan

Dr. Adrian Nistor

■ Faculty hiring in 2018-2019:

Ongoing Search for two tenure track assistant professors

Dr. David Gaitros moves to the PC campus

Staff Changes and Hires

■ Staff Hires 2018-2019:

Lauren Higbee, Undergraduate Advisor

Casey Yorks, Undergraduate Advisor (Advising first)

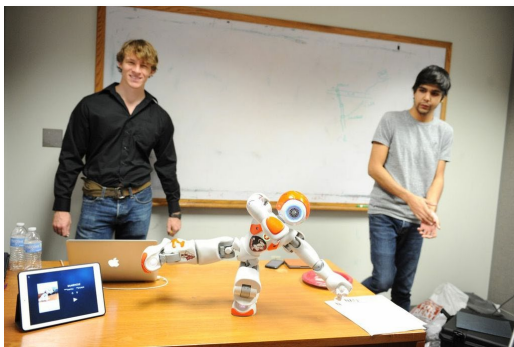
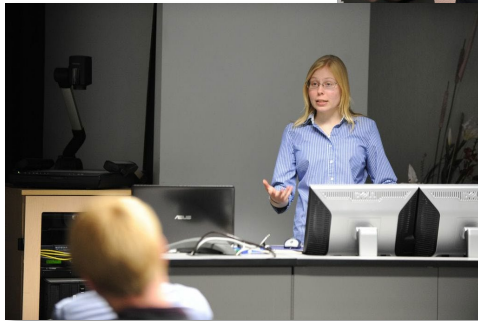
Wendy Blanco, Administrative Support Assistant

■ Staff left 2018-2019

Kimberly Pack, Undergraduate Advisor

Andrea Renee Dyehouse, Administrative Support Assistant

Student Recognitions





Assistantships & Fellowships

- 145 graduate students (66 MS, 79 PhD)
 - 36 Research Assistants
 - 67 Teaching Assistants
 - 17 Scholarship for Service fellowships
 - 2 legacy fellows
 - 2 Harris scholarship
- 1043 undergraduate students
 - 4 Harris scholarships
 - 2 Owenby scholarships
 - 8 Undergraduate Research Assistants

Student Publications

- T. Taami, A.M. Rahmani, A. Khademzadeh, A. Ataie, Overclocked Load Scheduling in Large Clustered Reservation Systems, IJCSIS, Vol. 8, No.4, USA, 2010.
- Bhattacharya S., Salman S., Gorentla Venkata M., Kundnani H., Imam N., Yu W. (2019) An Initial Implementation of Libfabric Conduit for OpenSHMEM-X. In: Pophale S., Imam N., Aderholdt F., Gorentla Venkata M. (eds) OpenSHMEM and Related Technologies. OpenSHMEM in the Era of Extreme Heterogeneity. OpenSHMEM 2018. Lecture Notes in Computer Science, vol 11283. Springer, Cham
- F. Chowdhury, J. Liu, Q. Koziol, T. Kurth, S. Farrell, S. Byna, Prabhat, and W. Yu, "Initial Characterization of I/O in Large-Scale Deep Learning Applications," in SC'18, 3RD Joint International Workshop on Parallel Data Storage & Data Intensive Scalable Computing Systems (PDSW-DISCS 2018), 2018.

Student Publications

- "I Know What You Did Last Summer: Your Smart Home Internet of Things and Your iPhone Forensically Ratting You Out", Gokila Dorai (Florida State University, United States), Shiva Houshmand (Santa Clara University, United States) and Ibrahim Baggili (University of New Haven, United States) In Proceedings of the 13th International Conference on Availability, Reliability and Security (ARES) 2018, Hamburg, Germany
- "Design and Implementation of a Targeted Data Extraction System for Mobile Devices", Sudhir Aggarwal, Gokila Dorai, Umit Karabiyik, Tathagata Mukherjee, Nicholas Guerra, Manuel Hernandez, James Parsons, Khushboo Rathi, Hongmei Chi, Temilola Aderibigbe and Rodney Wilson Fifteenth IFIP WG 11.9 International Conference on Digital Forensics, Orlando, USA
- "Integrating Travel and Epidemic Models for Vector Borne Disease Surveillance", Meysam Ghaffari, Judy Wang, Anuj Chari, Ashok Srinivasan, Krishnan Viswanathan, Anuj Mubayi, Hongmei Chi, ITM 2018.

Student Publications

- Workload-aware Subgraph Query Caching and Processing in Large Graphs; Yongjiang Liang, Peixiang Zhao; ICDE'19: The 35th IEEE International Conference on Data Engineering. Macau SAR, China. Apr. 2019
- Similarity Search in Graph Databases: A Multi-layered Indexing Approach; Yongjiang Liang, Peixiang Zhao; ICDE'17: The 33rd IEEE International Conference on Data Engineering. San Diego, California. Apr. 2017
- Viet Tung Hoang, David Miller, and Ni Trieu. Attacks Only Get Better: How to Break FF3 on Large Domains, to appear in EUROCRYPT 2019
- C. Mills, J. Pantiuchina, E. Parra, G. Bavota, and S. Haiduc, “Are Bug Reports Enough for Text Retrieval-based Bug Localization?,” in Proceedings of the 34th IEEE International Conference on Software Maintenance and Evolution (ICSME'18), Technical Research Track, Madrid, Spain, 2018, p. to appear (12 pages). IEEE TCSE Distinguished Paper Award

Student Publications

- E. Parra, J. Escobar-Avila, and S. Haiduc, “Automatic Tagging for Software Engineering Videos,” in Proceedings of the 26th ACM/IEEE International Conference on Program Comprehension (ICPC’18), Technical Research Track, Gothenburg, Sweden, 2018, p. to appear (12 pages).
- M. Podkorytov, M. Gubanov. Hybrid.Poly: A Consolidated Interactive Analytical Polystore System, in ICDE’19. (2) M. Podkorytov, M. Gubanov. Hybrid.Poly: Performance Evaluation of Linear Algebra Analytical Extensions, in Big Data’18.
- S. Soderman, A. Kola, M. Podkorytov, M. Geyer, M. Gubanov. Hybrid.AI: A Learning Search Engine for Large-scale Structured Data, in The Web Conference Companion ‘18.
- S. Ortiz, C. Enbatan, D. Soderman, M. Podkorytov, M. Gubanov. Hybrid.JSON: High-velocity parallel in-memory polystore JSON ingest, in Big Data’17.
- M. Podkorytov, D. Soderman, M. Gubanov. Hybrid.poly: An Interactive Large-Scale In-memory Analytical Polystore, in ICDMW DSDBA’17.

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- M. Podkorytov, D. Soderman, M. Gubanov. Hybrid.poly: An Interactive Large-Scale In-memory Analytical Polystore, in ICDMW DSDBA’17.

Harris Corporation Awards

Presented By John Farrell



■ Graduate Fellowship

- Alanna Mottesheard
- Daniel Kane

■ Undergraduate Scholarship

- John Rawley
- Carissa Garde
- Patrick Zatz



Carl and Ermine Owenby Sr. Scholarships

Presented By:

Ms. Ermine Owenby & Mr. Carl Owenby

- Dar'Nesha Leonard
- Humbert Torres



Hall Fellowship

- Melissa Ma



Department Awards



Graduate Student Research Awards

- Sheng Tan
- Mustakimur Rahman Khandaker



Graduate Teaching Award

- Dr. Sonia Haiduc



Undergraduate Teaching Award

- Melina Myers



Faculty Research Award

- Dr. Viet Tung Hoang



Staff of the Year Award

- Edwina Hall



Outstanding Teaching Assistant

- Timothy Barao
- Arthur Karapateas



Graduate Leadership Award

- Arthur Karapateas



Undergraduate Leadership Award

- Marlan McInnes Taylor
- Andrew Stringfellow



Exemplar SFS student educator Award

- Jacob Mills

SFS Scholars

2018-2019 Federal Cyber Service: Scholarship for Service (SFS)

- Logan Anderson
- Joshua Bittel
- Alex Dupper
- William Hupp
- Nicholas Johnson
- Benjamin Karch
- Chesleah Kribs
- Hannah McLaughlin
- Nicholas Meier

- Jacob Mills
- Robert Minter
- Jordan Mussman
- Richard Nelson
- Neet Patel
- James Picker
- Dillon Prendergast
- Philip Taggart
- Remington Trettin
- Michael Woodham

S-Stem Scholarships

2018 -2019 Scholarships for Science Technology Engineering and Math (S-STEM)

- Dylan Grant
- Shannon Drizin
- Garrett Anderson
- Luis Abreu
- Christopher Brum
- Kevin Tran
- Alexis Webel
- Kami Dawson
- Bing-Jiun Charles
- Autumn Lewis

- Ryan Ratkovich
- James Hondros
- Miguel Vassallo
- Kordan Corkins
- Anton Zaitsau
- Leah Blissey
- Savannah Steckler
- Jianna Pena
- Iman Taylor
- Dustin Flematti



ACM Recognitions

- FALL 2018 ACM Programming Contest –
Division 1

(1st Place) *TEAM_NAME*

Chase Warrington

(2nd Place) *OR 5=5*

Evan Schwalb, Jamine Guo, Andres Ibarra

(3rd Place) *UNKNOWN*

Mustakimur Rahman Khandaker, Abu Naser,
Hussain Md Mehedul Islam



ACM Recognitions

- FALL 2018 ACM Programming Contest –
Division 2

(1st Place) *WALK-IN-6*

Jacob McPeak

(2nd Place) $\Delta\alpha\Delta \beta\Omega\Delta$

Darbi Bauer, Sarah Rosenfeld, Fadi Matloob

(3rd Place) *RECURSION=RECURSION*

Brian McNulty, Asim Baral, Sri Donthineni



ACM Recognitions...

■ SPRING 2019 ACM Programming Contest - Division 1

(1st Place) *UNKNOWN*

Mustakimur Khandaker, Hussain Md Mehedul Islam

(2nd Place) *LMAO EASY*

Andrew Florial, Cameron Farzaneh

(3rd Place) *TACOS > MACOS*

Leah Rumancik, Amber Mickler, Juan Pablo
Conde Curuchet



ACM Recognitions...

■ SPRING 2019 ACM Programming Contest - Division 2

(1st Place) *PRO GRAMMERS*

Caijun Qin, Tobe Osakwe, Nicholas Bryan

(2nd Place) *POKEMON MAGNETON*

Jingze Zhang , Yuexuan Wu, Fangjian Chen

(3rd Place) *CAD'); DROP TABLE TEAMS;*

Carlos Saucedo, David Risi, Alberto Cabana

ACM Board/Volunteers

- Arthur Karapateas
- Timothy Barao
- Marlan Mcinnes Taylor
- Jay Daniels
- Alanna Mottsheard
- Greg Kondyukov
- Tomas Manterola
- Jonathan Clow
- Brandon Hahn
- Josh Freedman
- Reaz Murshed
- Sarah Rosenfeld
- Tyler Shook
- Shannon Drizin
- Taj Ali



Phi Beta Kappa Honor Society Electees

2019

Phi Beta Kappa is the oldest honor society in the United States, founded in 1776

- Phi Beta Kappa Honor Society Electees
 - Abigail Mortensen
 - Cameron Farzaneh
 - Steven Goodchild
 - Brendan Schneider



2018-2019 UPE Inductees



Upsilon Pi Epsilon is the Computer Science Honor Society, founded in 1967

- Abigail Lauren Centers
- Samantha Chaves
- Ahana Roy Choudhury
- Kyle D. Cody
- Jazmyn Daniels
- Ashley Ellis
- Ismael Jose Fernandez
- Dustin Flematti
- Joshua Freedman
- Carissa Garde
- Riley Garrison
- Rebecca Giuli
- Joshua L. Glogau
- Sarah Jiwani
- Ryan Glen Kenney
- Mackenzie Lynne Knight
- Ryan Alexander Leigh
- Kyle Jing
- Myra Mullis
- Sam Ostlund
- Aidan Ryan
- Christopher Santos
- Brendan Z. Schneider
- Nicholas Watts
- Matthew Wix



Reception Following

Please join us now in Room 151 of the Love Building for our Celebratory Reception

And... thanks to all of the CS department faculty, staff and students who helped out in many ways too numerous to list here