

NORTH CAROLINA STATE UNIVERSITY



SPRING DIPLOMA CEREMONY

**DEPARTMENT of
COMPUTER SCIENCE**

**Thursday, May 11, 2017
William Neal Reynolds Coliseum
2:00 P.M.**

Welcome

Welcome to the Spring diploma ceremony of the Department of Computer Science at North Carolina State University, Raleigh. The department was formed in 1967 and is one of the oldest in the nation. The department currently has over 1,600 students. We are among the top in the nation in the number of awarded bachelor's, master's, and doctoral degrees in computer science, and we lead in both teaching and research accomplishments. We continue our tradition of excellence by proudly honoring a new group of graduates.

The ceremony today recognizes the academic achievements of the Spring 2017 graduating students receiving bachelor's, master's, or doctoral degrees in the field of computer science. It is a very special, auspicious, and exciting day for all of us -- students, their families and friends, and our faculty and staff, that culminates years of hard work and dedication for all concerned. Students graduating today bring the number of our alumni to over 8,800.

On behalf of the faculty and staff, I would like to thank you for coming, and to extend our warmest congratulations to the students, their families, and their friends.

With best wishes,

*Laurie Williams
Interim Department Head*

.....
• As a courtesy to all our graduates and in recognition of the significance of this ceremony,
• we ask that all cell phones and pagers be turned off. Also, once the ceremony begins, we
• ask that all guests remain seated until its conclusion. Thank you for your cooperation!
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SPRING DIPLOMA CEREMONY

William Neal Reynolds Coliseum

Thursday, May 11, 2017

2:00 PM.

Pre-Processional Comments.....	Ken Tate <i>Director of Engagement and External Relations</i>
Processional	Pomp and Circumstance <i>Sir Edward Elgar</i>
Welcome.....	Laurie Williams, Ph.D. <i>Interim Department Head</i>
Speaker	Dr. Elizabeth Mynatt <i>Executive Director of Georgia Tech's Institute for People and Technology (IPaT)</i>
Introduction of Honor Students, Faculty and Staff.....	Dennis R. Bahler, Ph.D. <i>Director of Undergraduate Programs</i>
Presentation of Degrees	George Rouskas, Ph.D. <i>Director of Graduate Programs</i>
	Barbara J. Adams, Ph.D. <i>Director of Advising</i>
	Laurie Williams, Ph.D. <i>Interim Department Head</i>
Recessional.....	Triumphal March from Aida <i>Giuseppe Verdi</i>

GUEST SPEAKER

Dr. Elizabeth Mynatt



Dr. Elizabeth Mynatt is the Georgia Tech's Institute for (IPaT), a Distinguished Computing, and the

Computing Lab. She investigates the design and evaluation of health information technologies, including creating personalized mobile technology for supporting breast cancer patients during their cancer journey, evaluating mobile sensing and mHealth engagement for pediatric epilepsy patients and their caregivers, and investigating the positive and negative influence of social media on self-harm behaviors such as eating disorders. She is one of the principal researchers in the Aware Home Research Initiative which investigates the design of future home technologies to enable older adults to continue living independently.

Executive Director of People and Technology Professor in the College of Director of the Everyday

Dr. Mynatt is an internationally recognized expert in the areas of ubiquitous computing and assistive technologies. Her research contributes to ongoing work in personal health informatics, computer-supported collaborative work and human computer interface design.

Dr. Mynatt is also the Chair of the Computing Community Consortium, an NSF-sponsored effort to engage the computing research community in envisioning more audacious research challenges. She serves as a member of the National Academies Computer Science and Telecommunications Board (CSTB) and is an ACM Council Member at Large. She has been recognized as an ACM Fellow, a member of the SIGCHI Academy, and a Sloan and Kavli research fellow. She has published more than 100 scientific papers. Prior to joining the Georgia Tech faculty in 1998, she was a member of the research staff at Xerox PARC.

Dr. Mynatt's research is supported by grants from NSF and NIH. Other honorary awards include being recognized with a 2016 Georgia Tech Distinguished Leadership Award, being named a Mobility Star in 2014 by the Atlanta Metro Chamber of Commerce and the Top Woman Innovator in Technology by Atlanta Woman Magazine in 2005.

Dr. Mynatt earned her B.S. degree summa cum laude in Computer Science from NC State and her M.S. and Ph.D. degrees in Computer Science from Georgia Tech.

COMPUTER SCIENCE DEGREES

Doctor of Philosophy

A Doctor of Philosophy (Ph.D.) is the highest academic degree an individual can earn. In addition to completing coursework specified by the advisory committee (54 or more credits beyond the master of science), Ph.D. students must demonstrate breadth of knowledge, pass a series of examinations, and defend a substantial and original scholarly dissertation.

Master of Science

The Master of Science (M.S.) is a traditional research-oriented degree. Master of Science graduates have successfully completed advanced coursework in computer science. Students with thesis titles below their name have written and defended a thesis summarizing their supervised research.

Master of Science in Computer Networking

Master of Science in Computer Networking (MSCN) graduates have successfully completed advanced coursework in computer networking. Students with thesis titles below their name have written and defended a thesis summarizing their supervised research.

Master of Computer Science

The Master of Computer Science (MCS) program is a professional degree program designed primarily to meet the needs of industry. Master of Computer Science graduates have successfully completed advanced coursework in computer science.

Bachelor of Science

The Bachelor of Science (B.S.) degree is conferred upon students who have successfully completed a program of study including both general coursework in the humanities, social sciences, mathematics, and physical sciences as well as specialized courses in computer science.

DOCTOR of PHILOSOPHY

ADWAIT PRAVIN NADKARNI

Dissertation: *Towards Practical Data Secrecy in Modern Operating Systems*

Committee Chair: William Enck, Ph.D.

Adwait Nadkarni was born and raised in Mumbai, India. Prior to joining the doctoral program at NC State, Adwait earned his Bachelor of Engineering (BE) in Computer Engineering from the University of Mumbai in July 2011, followed by a Master of Science (MS) in Computer Science from NC State in December 2012.

Adwait is a founding member of the Wolfpack Security and Privacy Research (WSPR) Lab at NC State, and served as its Lead Graduate Student from August 2015 to May 2017.

Following graduation, Adwait will be joining the Department of Computer Science at the College of William and Mary as a tenure-track Assistant Professor.

DOCTOR of PHILOSOPHY

SRINATH RAVINDRAN

Dissertation: *Learning Rare Patterns with Multilevel Models*

Committee Chair: Dennis Bahler, Ph.D.

Srinath Ravindran was born in Coimbatore, a city in the state of Tamil Nadu, India. He grew up in Chennai, the best city in the world, and also the state capital of Tamil Nadu. He finished high school at Bala Vidya Mandir, Chennai and received his Bachelor of Engineering degree in Computer Science and Engineering from Anna University, Chennai in 2007. He received his M.S. degree in Computer Science from NC State, Raleigh in 2009.

Srinath's research interests include machine learning, computer vision, knowledge representation and reasoning, and human-computer interaction. While still a graduate student, he taught three undergraduate courses on Artificial Intelligence, Introduction to Programming, and Discrete Mathematics. He was also an active member of the NCSU IEEE Robotics Team.

In his free time, he enjoys astronomy, photography, playing tennis, cycling, traveling, and reading.

Srinath's research interests include machine learning, computer vision, knowledge representation and reasoning, and human-computer interaction. While still a graduate student, he taught three undergraduate courses on Artificial Intelligence, Introduction to Programming and Discrete Mathematics. He was also an active member of the NCSU IEEE Robotics Team. In his free time, he enjoys astronomy, photography, playing tennis, cycling, traveling, and reading.

MASTER of SCIENCE

THESIS

Ian Zachariah Drosos

HappyFace: Identifying and Predicting Frustrating Learning Obstacles at Scale

Chair: Christopher Parnin, Ph.D.

Sushma Ravichandran

Impact of Human Affectiveness Metrics and Attribute Selection on Software Productivity

Chair: Timothy Menzies, Ph.D.

Akash Verma

PivotWall: Combining SDN and Host Context to Defend Against Stepping Stone Attacks

Chair: William Enck, Ph.D.

Aditya Virmani

Position and Orientation Agnostic Gesture Recognition Using WiFi

Chair: Muhammad Shahzad, Ph.D.

MASTER of SCIENCE

NON-THESIS

Dwayne Christian Brown

Samuel Henry Christie V

Christa Nicole Cody

Timothy David Goodrich

Sean Patrick Mealin

Andrew John van der Poel

MASTER of SCIENCE in COMPUTER NETWORKING

THESIS

Paridhika Kayal

A Comparison of IoT Application Layer Protocols Through a Smart Parking Implementation

Chair: Harry Perros, Ph.D.

**MASTER of SCIENCE in
COMPUTER NETWORKING**

NON-THESIS

Satyajit Bappanadu Manjunath
Abhishek Dudi
Ashwin Ganesh
Siddesh Natesan
Bharath Ravindranath

MASTER of COMPUTER SCIENCE

Sumeet Agarwal	Wei Gao
Akash Agrawal	Ankit Garg
Nivasse Ajagane	Ayush Garg
Mohamed Alfatih Albashir	Ronak Girishbhai Ghadiya
Micah A. Alexander	Snehasis Ghosh
Gaurav Nandkumar Aradhye	Michael Anderson Goff
Pooja Mahesh Asher	Shivam Gulati
Abhinav Ashish	Ayush Gupta
Sudhanva Badarinath Athani	Gurunath Ashok Hanamsagar
Priyaranjan Behera	Michael Warren Hancock
Jaithrik Yadav Bollaboina	Devan Harikumar
Anush Bonam	Abbas Hussain
Andrew Custer Bryan	Shritek Jain
Akanksha Akshay Chandre	Sudhanshi Jain
Ashutosh Chaturvedi	Ketankumar Pushkarbhai Jani
Yujia Chen	Varun Jayathirtha
Dixon Chandler Crews	Bhargav Rahul Jhaveri
Jignesh Naresh Darji	
Anshul Prakash Deshkar	
Subodh Shekhar Dharmadhikari	
Aniket Ramesh Dhuri	
Priyanka Tiwari Dixit	
Siddhant Abhaykumar Doshi	
Zeal Dipesh Ganatra	
Shrenuj Guntvant Gandhi	

MASTER of COMPUTER SCIENCE

(continued)

Simerdeep Singh Jolly	Vineet Paul
Sanhita Milind Joshi	Kartikeya Pharasi
Manish Suresh Kadaba	Bryce Carlisle Pilcher
Neha Kale	Ritesh Rajiv Porey
Vipul Kailash Kashyap	Kahan Shailendra Prabhu
Ankur Kataria	Vaibhav Dharmendra Rajadhyaksha
Harshdeep Kaur	Kaushik Varadha Rajan
Ahmad Saad Khan	Varun Ramachandra Sekar
Jeevan Hariram Khetwani	Vivekanand Ramakrishnan
Shruti Krishnadatta Kuber	Nitin Ratanbhai Ramchandani
Alok Kucheria	Falak Vijay Ravani
Pranav Shrikant Kulkarni	Roshini Ravilla
Abhishek Kumar	Sohyong Ro
Ankit Kumar	Arnab Saha
Muthu Arvind Lakshmanan	Moharnab Saikia
Aditya Dadasaheb Mandhare	Saurabh Suresh Sakpal
Sagar Mohan Manohar	Parin Rajesh Sanghavi
Michael David Meadows	Shrey Ashwin Sanghavi
Akash Sanjay Mehta	Raunaq Sandeep Saxena
Jonathan Anthony Mitchell	Shalini Maheshbhai Sejwani
Aditya Muckaden	Nikunj Shah
Pratik Mukherjee	Rahul Prashant Shah
Swetha Murali	Rhythm Ramesh Shah
Ankit Murarka	
Sekharan Muthusamy Natarajan	
Deepak Sivaprasad Nair	
Stuti Nanda	
Vamshidhar Reddy Palle	
Chintan Amit Panchamia	
Tanay Pande	
Keshav Parthasarathy	
Aniket Hiren Patel	
Ravi Ashok Kumar Patel	
Ronak Dipankumar Patel	
Aparna Keshav Patil	

MASTER of COMPUTER SCIENCE

(continued)

Sneha Mahesh Shah
Shais Bashir Ahmed Shaikh
Amruta Satish Shintre
Aditya Vinay Shirode
Anas Siddiqui
Prutha Sinai Khandeparker
Devarshi Pratap Singh
Siddarth Singh
Sudhansu Shekhar Singh
Dhaval Rajkumar Sonawane
Rupaj Omprakash Soni
Aaron Sorgius
Sharath Sreenivasan
Rakesh Kumar Sukumar

Nicholas James Taverner
Avery Michael Thorn
Megha Umesha
Manav Verma
Nisarg Vinchhi
Chi-Han Wang
Sibei Xia
Banji Zhang
Guoqiang Zhang
Muchen Zhang

GRADUATE AWARDS & FELLOWSHIPS

2016 Grand Finals of the Association for Computing Machinery (ACM)'s Student Research Competition (SRC):
Christopher Theisen—3rd place

2017 Equity for Women Award: Veronica Catete

Best Paper Award at the 16th International Conference on Computation Science: Bharathkumar (Tiny) Ramachandra

Best Paper Award at the 35th Symposium on Reliable Distributed Systems (SRDS): Chin-Jung Hsu

COE Dean's Doctoral Fellowship: Andrew Hill

COE Graduate Merit Award: Alexander Card, Erick Draayer,
Adam Gaweda, Andrew Hill, Yeo Jin Kim, Nicholas Lytle,
Randall Pittman, Kenneth Tran

COE Graduate Research Award: Rui Bai, Randall Pittmann

**Deborah S. Moore Service Award as Outstanding Student
Volunteer:** Veronica Catete

Diversity Enhancement Fellowship: Erick Draayer,
Adam Gaweda

GEM Fellowship: Robert Dates, Denae Ford, Zachery
Thomas

Google Summer of Code 2016: Jianfeng Chen

Graduate Student Leadership Award: Russell Meredith

Masters Research Award: Aditya Virmani

Mentored Teaching Assistantship (MTA) Award: Zhewei Hu

Microsoft Open Source Challenge—Grand Prize:
Akond Rahman

Microsoft Ph.D. Research Fellowship: Denae Ford

**NASA/NC Space Grant Graduate Research Fellowship -
Summer 2016:** Timothy Goodrich

National Defense Science and Engineering Graduate (NDSEG) Fellowship: Timothy Goodrich

National Science Foundation Graduate Research Fellowship:
Rachael Mary Chung, Denae Ford, Sean Mealin

National Science Foundation Graduate Research Fellowship, Honorable Mention: Christa Cody, Alexandra Milliken

NCSU Research Image Contest, Video and Interactive Category, Honorable Mention: Adam Marrs

Outstanding Dissertation Award: Pradeep Murukannaiah

Outstanding Research Award: Nirav Ajmeri

Outstanding TA Award : Hui Guo

Phi Kappa Phi Honor Society: Sanhita Milind Joshi,
Andreas K. Orphanides, Sukriti Sharma

Provost Fellowship: Adam Gaweda, Yeo Jin Kim, Kenneth Tran

SAS Graduate Industrial Traineeship: Liang Dong

BACHELOR of SCIENCE

Tyler Rexford Albert **
Alyssa Michael Andrews
Westley Sinclair Auten **
Ian Tyler Baldwin *
Derek S. Batts Ɔ
Michael Dominic Bazik Jr.
Brian David Behrhorst ***
Garrett Andrew Bird *** Ɔ
John L. Boezeman
Christopher Wayne Bollinger ***+
Paul Jason Buchanan *** Ɔ@
Vaibhav Chawla ***
Patrick Benjamin Clouse ***
Arda Turgut Cole *
Michael Bennett Conlon ***
Jordan Hudson Connor +
Joshua Alan Cook *** +
Jordan Cousins ***
Timothy Crooks
Adam Ronald Crowell ***
Tia Charnell Cummings
Eric Ray Davidson
Mark V. DeMaria ***@~
Mitchell James Durham
Christopher Edwin Elias
Marcus Shaun Fath *** +
Nathan Allan Faulkner ***
Shon Paul Ferguson *** Ɔ
Vanessa Anissa Frost ** Ɔ@
Chandler William Gallimore
Trevor R. Gasdaska *** +
Kylie Amanda Geller *@
Caroll S. George **
John Michael Gray +
Logan Andrew Green **

Ivey Lawrence Griffin
David Morris Griffith
Matthew Stephen Grochmal *
Daniel L. Gross *** +
Dylan James Hahn **
Joshua Daniel Hanf *
Scott Nomiya Hardin ***@~
Phillip Emmanuel Hardy
Alisse Marie Harkins ***@~
Alex Taylor Harrell
Madison Paige Hayes
Ryan L. Hefner
Carl Hamilton Hiltbrunner *** +
Eric William Horton ***
Ivy Jayne Hubbard
Ben Lee Hughes Ɔ
Jakim Ivey ***
Andrea Johnson **
Gareth Charles Johnson *** +
Philip Raymond Jones
William Henry Kelsey * Ɔ
Shoaib A. Khan
Veeha Khanna @~

BACHELOR of SCIENCE

(continued)

Brenden Paul Kromhout **
Matthew Wayne Ledford
Adam Kenneth Linker
Barry Liu
Andrew Joseph Losi
Jackson Lu
Danny Luong **
Christopher Boyington Lupo *
Joseph Ly *
Benjamin Stedman Lykins *
Michael James MacKrell **@
Derek Makous +
Llewellyn Bradley Marshall *
Matthew Marvin Masenthin
Harold D. McLamb
Alexander William Melton
Xiaohang Miao ***
Alexander James Micklow
Nathan Miles *
Preston Lane Mills †
Jonathan O. Mizrach
Mital Atulbhai Modi
Curtis Ford Moore *
Brandon Phillip Mork **
Billy G. Mullis Jr.
Charles E. Newsom
Richard Howard Pajerski
Jacob Sullivan Parsons
Matthew Emmett Pascarelli *
Akshit Ashvinkumar Patel **
Kirtan Patel
Julie Catherine Persinger **
Steven Jay Popkin *
Patrick O'Brien Powell

Johnathan Edward Pravlik *** †
Kai Presler-Marshall ** +
John Robert Garland Radford *
Daniel James Renshaw †
Matthew Scott Riegel
Alexander Paul Rouse ***
Randall Davidson Rouse ***
Justin Bryan Schrock
Maya Shankar **@
Xiangru Shu ***
Alexander James Smith
Erin Elizabeth Snider @~
Daniel J. Streeter-Jimeno **
Zachary Blake Tharrington *
Jeremy Vanderwall *
Nicholas J. Waked **
Valentino Landi Weiss *** +
Ethan Paul Wenker **
Samuel Jacobson Whitlock
William Alexander Wimer ***
Joshua Taylor Zelin ***
Ezra Caleb Zerihun ***

Bachelor of Science with Honors

- *** - Summa cum laude (with highest honor), 3.75—4.0 GPA, gold sash.
- ** - Magna cum laude (with high honor), 3.5 – 3.74 GPA, silver sash.
- * - Cum laude (with honor), 3.25 – 3.499 GPA, white sash.
- Γ - Bachelor of Science in CSC with Game Development Concentration.
- + - Co-majors (students graduating with one or more degrees outside of Computer Science).
- @ - Computer Science Student Ambassador.
- ~ - Computer Science Marshal.

UNDERGRADUATE AWARDS & SCHOLARSHIPS

Computer Science Senior Award for Citizenship

Mark V. DeMaria

Computer Science Senior Award for Humanities

Kai Presler-Marshall

Computer Science Senior Award for Leadership

Marcus Shaun Fath

Computer Science Senior Award for Scholarly Achievement

Katherine Ellen Brey

Eric William Horton

Computer Science Honors Program

Recipients of the Bachelor of Science in Computer Science with Honors have maintained a minimum GPA of 3.5 while completing a challenging program of computer science undergraduate study, including an honors thesis with a supervising professor.

Vaibhav Chawla

Modern Uses of Java with Android Application Development

Honors advisor: David L. Roberts, Ph.D.

Adam Crowell

Balancing Noise Sensitivity with Accuracy and Efficiency when Gathering Information from Sensors

Honors advisor: David L. Roberts, Ph.D.

Alisse Harkins

Identifying Barriers for Females in Programming

Honors advisor: Christopher Parnin, Ph.D.

Kai Presler-Marshall

Enhancements to the Graph Algorithm Animation Tool (Galant)

Honors advisor: Matthias Stallmann, Ph.D.

Xiangru Shu

Wolf-Trail NCSU Campus Tour Guide

Honors advisor: Tiffany Barnes, Ph.D.

Park Scholars

A four-year scholarship covering tuition, fees, room, board, books, supplies, travel, and personal expenses.

Mark V. DeMaria

University Scholars Program

The University Scholars Program encourages students to excel academically in their majors while receiving a B.S. degree. The program requires individuals to complete a minimum of 21 hours of honors coursework while maintaining a "B" average, and graduating with an overall GPA of at least a 3.25.

Westley Sinclair Auten
Paul Jason Buchanan
Nathan Allan Faulkner
Vanessa Anissa Frost
Kylie Amanda Geller
Phillip Emmanuel Hardy
Eric William Horton
Andrea Johnson
Derek Makous
Akshit Ashvinkumar Patel

University Honors Program

In order to be recognized as a University Honors Program graduate, students must complete a minimum of 12 credits of honors seminars, complete a six-credit "Capstone Experience", and maintain a cumulative GPA of 3.25 or higher.

Christopher Wayne Bollinger
Vaibhav Chawla
Adam Ronald Crowell
Daniel L. Gross
Dylan James Hahn
Kai Presler-Marshall

Valedictorians (4.0 GPA)

Brian David Behrhorst
Garrett Andrew Bird
Christopher Wayne Bollinger
Patrick Benjamin Clouse
Mark V. DeMaria
Marcus Shaun Fath
Trevor R. Gasdaska
Eric William Horton
Gareth Charles Johnson
Xiangru Shu
William Alexander Wimer

Ben Price Scholarship: Tia Charnell Cummings
Bowman/Ben Franklin Scholarship: Carl Hamilton Hiltbrunner
Chancellor's Leadership Scholarship: Tia Charnell Cummings,
Matthew Emmett Pascarelli
CSC 40 @ 40 Scholarship: Brandon Christopher Fightmaster
Donald L. Bitzer Creativity Award: Brandon Phillip Mork
Duke Energy CSC Scholarship: Eric William Horton
Edward E. & Kay T. Hood Scholarship: Eric Ray Davidson
Employee Dependent's Tuition Scholarship: Jordan Cousins
Engineering General Scholarship: Trevor R. Gasdaska
Goodnight Scholarship: Adam Ronald Crowell, Eric William
Horton,
Jakim Ivey
J. F. Kelly Endowed Scholarship: Kai Presler-Marshall
NCSU Prize/Award: Veeha Khanna, Barry Liu, Brandon Phillip
Mork, Charles E. Newsom, Alexander Paul Rouse
SAS Institute Minority Scholarship: Alisse Marie Harkins
Simon Brown Woolard Scholarship: Daniel L. Gross

COMPUTER SCIENCE FACULTY

Barbara J. Adams, Ph.D.
Kemafor Anyanwu Ogan, Ph.D.
Dennis R. Bahler, Ph.D.
Suzanne Balik, Ph.D.
Tiffany Barnes, Ph.D.
Tzvetelina Battestilli, Ph.D.
Donald L. Bitzer, Ph.D.
Franc Brglez, Ph.D.
Min Chi, Ph.D.
Rada Y. Chirkova, Ph.D.
Jon Doyle, Ph.D.
Patrick Dreher, Ph.D., M.B.A.
Rudra Dutta, Ph.D.
William Enck, Ph.D.
Vincent W. Freeh, Ph.D.
Edward F. Gehringer, Ph.D.
Michelle Glatz, M.S.
Xiaohui (Helen) Gu, Ph.D.
Khaled Harfoush, Ph.D.
Christopher G. Healey, Ph.D.
Steffen Heber, Ph.D.
Sarah S. Heckman, Ph.D.
Margaret R. Heil, M.S.
Robert Hubal, Ph.D.
Arnav Jhala, Ph.D.
Guoliang Jin, Ph.D.
Alexandros Kapravelos, Ph.D.
Jason King, Ph.D.
Michael Kowolenko, Ph.D.
Dana Lasher, B.S.
James C. Lester, Ph.D.
Collin Lynch, Ph.D.
ToniAnn Marini, M.Ed.

Chris Martens, Ph.D.
Timothy Menzies, Ph.D.
Behrooz Mostafavi, Ph.D.
Frank Mueller, Ph.D.
Emerson Murphy-Hill, Ph.D.
Christopher Parnin, Ph.D.
Harry Perros, Ph.D.

Michael Rappa, Ph.D.
Douglas S. Reeves, Ph.D.
David L. Roberts, Ph.D.
George N. Rouskas, Ph.D.
Nagiza Samatova, Ph.D.
Carla D. Savage, Ph.D.
Alessandra Scafuro, Ph.D.
Jessica Schmidt, Ph.D.
Muhammad Shahzad, Ph.D.
Xipeng Shen, Ph.D.
Munindar P. Singh, Ph.D.
Robert St. Amant, Ph.D.
Jessica Staddon, Ph.D.
Matthias Stallmann, Ph.D.
William J. Stewart, Ph.D.
Kathryn Stolee, Ph.D.
John Streck, M.S.
David Sturgill, Ph.D.
Blair D. Sullivan, Ph.D.
David J. Thuyente, Ph.D.
Hung-Wei Tseng, Ph.D.
Raju Vatsavai, Ph.D.
Mladen A. Vouk, Ph.D.
Benjamin A. Watson, Ph.D.
Laurie Williams, Ph.D.

COMPUTER SCIENCE STAFF

Carol Allen
John Bass, M.S.
Carlos A. Benavente, M.S.
Jami Boylan
Andrew Brown, M.S.
Marcus Bullett, B.S.
Tammy Coates, B.A.
Camille Cox, B.S.
Kirby Culbertson, M.S.
Jeanette DiScala, Ph.D.
FNU Ferry, Ph.D.
Marhn Fullmer, B.S.
Todd Gardner
Chris Gurley, B.S.
James Hall, M.S.
Heidi Hess Von Ludewig, Ph.D.
Linda Honeycutt
Ann Hunt, M.S.
Meaghan Johnson, B.S.
Ryan Kilby
Darla Kremer, Ph.D.
Brianna Lofton, B.S.
Kathy Luca, B.B.A.
Terri Martin-Moss

Bradford Mott, Ph.D.
Trey Murdoch, B.S.
Tyler Puckett, B.A.
Leslie Rand-Pickett, M.Ed.
Donna Richards, B.A.
Jonathan Rowe, Ph.D.
Andrew Sleeth, B.A.
Peter Smith, M.S.
Kenneth Tate, B.A.
Robert Taylor, M.E.
Zelda Tuazama, B.S.
Gary Weinberg, Ed.D.
Lauren Williamson, B.S.
David Wright, Ph.D.

MARSHALS

Dana Christo, *senior*
Caroline Law, *senior*
Malik Majette, *senior*
Melissa Novitsky, *junior*
Thomas Ortiz, *senior*
Jacob Stone, *senior*

PHOTOGRAPHY / VIDEO

Photo Specialties, a professional photographer, will take each graduate's picture as they are handed the diploma. A free color proof will be sent to each graduate's current mailing address, including a password for online viewing. There is no obligation to purchase prints. To receive email notification when photos are online, please visit www.photospecialties.com to pre-register. If a proof is not received within a week of the ceremony, please contact info@photospecialties.com or call 1-800-722-7033.

For the benefit of relatives and friends who may not be able to attend the event in person, we are pleased to announce that the event will be available online via **live video streaming at <http://go.ncsu.edu/csc-diploma>**. Firefox, Internet Explorer, and Safari are recommended for viewing the live streaming of the ceremony.

This program is prepared for informational purposes only. The appearance of an individual's name does not constitute the university's acknowledgment, certification, or representation that the individual has fulfilled the requirements for a degree.

The Department of Computer Science thanks



and

NC State Engineering Foundation

**for sponsoring our Spring 2017
diploma ceremony. Their generous
support benefits the students, faculty,
and staff of the department.**

**Our sponsors join us in congratulating the
Spring 2017 North Carolina State University
Computer Science graduates.**