



**2019-2020  
Roger P. Webb Awards Program**

**Georgia**  **School of Electrical and  
Tech** **Computer Engineering**

# Recognition of Georgia Tech Faculty, Staff & Student Honors

## FACULTY/STAFF AWARDS

### GEORGIA TECH FACULTY/STAFF HONORS LUNCHEON

Outstanding Doctoral Thesis Advisor Award  
**Muhannad Bakir**

Class of 1934 Outstanding Innovative  
Use of Education Technology Award **Jeffrey Davis**

Outstanding Achievement in  
Research Innovation Award **Ayanna Howard**

Class of 1940 W. Howard Ector  
Outstanding Teacher Award **Linda Wills**

### GEORGIA TECH FACULTY/STAFF YEARS OF SERVICE AWARDS

Ten-Year Service Award **Matthieu Bloch, David Dagon,  
Yamille del Valle, Joseph Goldenburg, Santiago Grijalva,  
Anna Holcomb, Young Woo OK, Raquel Plaskett**

Twenty-Five-Year Service Award  
**Madhavan Swaminathan, David Webb**

### UNIVERSITY/COLLEGE DEGREE GRADUATES

**Jeanetta Clinton**  
Bachelor of Business Administration in Human Resources  
Management, Grantham University, September 2019

**Adriene Lee**  
Master of Business Administration  
South University, November 2019

## STUDENT AWARDS

### GEORGIA TECH STUDENT HONORS CELEBRATION

College of Engineering Honors Day Awards  
**Andrew Gauker** (Computer Engineering)  
**Tolga Ustuner** (Electrical Engineering)

### SIGMA XI STUDENT AWARDS

Sigma Xi Best Doctoral Thesis Award  
**Mingu Kim** (Oliver Brand, Advisor)

### WOMEN IN ENGINEERING AWARDS

Helen Grenga Outstanding Woman Engineer Award  
**Lillian Anderson**

### SCHOOL OF ELECTRICAL AND COMPUTER ENGINEERING HONORS

ECE/Eta Kappa Nu Innovation Scholarship  
**Baris Volkan Gurses**

Outstanding ECE GTA Awards **Vahid Azimi,  
Paloma Casteleiro Costa,  
Tianren Fan, Devon Janke,  
Shivangi Kanitkar, Theodore LaGrow**

### The Warren Batts VIP Innovation Award

**Luke Donovan** (Computer Engineering)  
**Stefan Abi-Karam** (Electrical Engineering)

# Presentation of ECE Awards

## STUDENT AWARDS

### Outstanding Electrical Engineering Sophomore Award

**Vineeth Voruganti**

Eta Kappa Nu, the honor society for ECE, recognizes the electrical engineering student who is in their second year and who has the highest scholastic average by presenting a check for \$250 and a plaque.

### Outstanding Computer Engineering Sophomore Award

**Lucas Kenzo Katayama**

Eta Kappa Nu, the honor society for ECE, recognizes the computer engineering student who is in their second year and who has the highest scholastic average by presenting a check for \$250 and a plaque.

### Electrical Engineering Junior Scholar Award

**Tolga Ustuner**

This award is presented to the student who is in their third year and who has the highest GPA in the electrical engineering degree program. The recipient will be awarded a \$250 check and a plaque.

### Computer Engineering Junior Scholar Award

**Andrew Gauker**

This award is presented to the student who is in their third year and who has the highest GPA in the computer engineering degree program. The recipient will be awarded a \$250 check and a plaque.

### ECE Undergraduate Research Award

**Baris Volkan Gurses**

This award recognizes an undergraduate student who has demonstrated an unusually strong aptitude for research. The recipient will be awarded a \$250 check and a plaque.

### Most Outstanding ECE Senior Co-op Award

**Lillian Anderson**

This award is presented to the ECE senior co-op student who is considered of the highest caliber by his/her co-op employer. The recipient will be awarded a \$250 check and a plaque.

### ECE Outstanding Service and Outreach Award

**Madeline Loui**

Georgia Tech has a responsibility to serve its local, national, and international communities. This award reflects the importance of improving people's lives in the surrounding Georgia community and beyond. Investing time in such activities can have significant rewards for Georgia Tech in the future, and recognizing students who participate in and organize such activities helps to motivate other students to do the same. This award consists of a \$250 check and a plaque.

### ECE Faculty Award

**Lakshmi Raju**

This award is given to the electrical or computer engineering student who, in the opinion of the ECE faculty, has done the most to improve the educational environment within ECE or Georgia Tech and has contributed significantly to both student welfare and student-faculty interactions. The recipient will be awarded a \$250 check and a plaque.

### Outstanding Electrical Engineering Senior Award

**Louise Zhuang**

Eta Kappa Nu, the honor society for ECE, recognizes a graduating senior electrical engineering student with a 4.0 GPA with the most Institute hours and who plays an active role in extracurricular activities. The award consists of a plaque, engraving the name of the individual on a plaque in the Van Leer (ECE) Building, and awarding a check for \$750.

# Presentation of ECE Awards

## STUDENT AWARDS

### Outstanding Computer Engineering Senior Award

**Nicholas Joaquin**

Eta Kappa Nu, the honor society for ECE, recognizes a graduating senior computer engineering student with a 4.0 GPA with the most Institute hours and who plays an active role in extracurricular activities. The award consists of a plaque, engraving the name of the individual on a plaque in the Van Leer (ECE) Building, and awarding a check for \$750.

### ECE Senior Scholar Awards

**Daniel T. Bruce, Ji Y. Chun,  
Olivia A. Crank, Alhad J. Daftardar, Trent M. Hobbs,  
Justin I. Kalloor, Kathryn A. Leth, Fanzhe Lyu,  
Matthew J. Marting, Connor C. McMahon, Anina H. Mu,  
Cameron A. Pepe, Rishov R. Sarkar, Austin A. Terrell,  
Megha H. Tippur, Jered S. Tupik, Isaac P. Webb,  
Frederick B. Weis, Lucas B. Wray**

These awards consist of plaques and cash awards that are given to the electrical or computer engineering senior(s) with the highest academic average.

### Colonel Oscar P. Cleaver Awards

**Tianren Fan, Siddharth Varughese**

The Colonel Oscar P. Cleaver Awards are given to the Ph.D. students who presented the most outstanding Ph.D. dissertation proposals in the previous year. Proposals are judged based upon the quality and originality of the proposed work, and the student's expertise and insight on the subject matter. This award consists of a \$1,000 check and a plaque.

### ECE Graduate Teaching Assistant Excellence Awards

**Kartik Sastry, Matthew Denton**

Teaching undergraduates is one of ECE's most important missions. Teaching assistants are necessary to ensure that every student has

the opportunity for personal attention during their course of study. The recipient will be awarded a \$500 check and a plaque.

### ECE Graduate Research Assistant Excellence Awards

**Mohammad Taghinejad, Siddharth Varughese**

Research is the cornerstone to ECE's success. Nurturing bright and hardworking graduate research assistants (GRAs) are among the most important factors in ensuring that ECE remains a leader in the research community. These awards will be given to the GRAs who have demonstrated particular excellence in performing their duties. The recipients will each be awarded a \$500 check and a plaque.

## STAFF AWARDS

### Hats Off Performance Award

**Ashlee Gardner, Katrina Patton, Ann Terka**

These awards, each consisting of a \$2,000 check and a plaque, recognize the classified staff members who have demonstrated exceptional job performance and/or service to ECE above and beyond the call of duty.

### Research Spotlight Award

**Dogancan Temel**

This award is presented to a researcher who has made a significant contribution to the research efforts in ECE. The awardee will receive a \$2,000 check and a plaque.

### Academic Spotlight Award

**Andrew Stargill**

This award is presented to the researcher, classified employee, or general faculty member who has made a significant contribution to the ECE teaching or academic program. The awardee will receive a \$2,000 check and a plaque.

# Presentation of ECE Awards

## FACULTY AWARDS

### Outstanding Junior Faculty Member Award

**Mark Davenport**

This award, consisting of a \$2,000 check and a plaque, recognizes the most outstanding assistant professors and/or associate professors in ECE with less than 10 years since their initial faculty appointment.

### ECE Outreach Award

**Christopher Rozell**

This award is presented to a member of the academic faculty for leadership and/or participation in outreach activities to the broader community, for example, to interest and involve K-12 students in engineering. The award consists of a \$2,000 check and a plaque.

### D. Scott Wills ECE Distinguished Mentor Award

**Ajeet Rohatgi**

This award is presented to a faculty member whose mentoring of junior faculty—in connection with teaching or research activities over an extended period of time—is judged to be outstanding. This award consists of a \$2,000 check and a plaque.

### Richard M. Bass/Eta Kappa Nu

Outstanding Junior Teacher Award

**Benjamin Yang**

### W. Marshall Leach/Eta Kappa Nu

Outstanding Senior Teacher Award

**Aaron Lanterman**

These two awards are presented to the most outstanding classroom instructors—one junior faculty member and one senior faculty member—as determined by the ECE senior class.

### Distinguished Faculty Achievement Award

**A.P. Sakis Meliopoulos**

This award, consisting of a \$5,000 check and a plaque, is presented to the senior faculty member who has made significant contributions throughout his/her career.

# Acknowledgments

## **Roger P. Webb Awards Program Organizing Committee:**

Lucretia Allen, Matthieu Bloch, Douglas Blough, Christina Bourgeois, Greg Durgin, Tom Gaylord, Benjamin Klein, Jackie Nemeth, Elliot Moore, Andrew Peterson, Anna Walker

**Faculty Honors Committee:** John Barry, Douglas Blough, Wenshan Cai, Deepak Divan, Russell Dupuis, William Hunt, Biing Hwang (Fred) Juang, Chin-Hui Lee, Sakis Meliopoulos, Andrew Peterson, Ajeet Rohatgi, Madhavan Swaminathan

**Staff Honors Committee:** Lucretia Allen, Amber C. Burke, Linda Dillon, Cahara Murray, Julia M. Sonnenberg-Klein, Anna Walker

**Student Awards Committee:** David Anderson, Christina Bourgeois, Greg Durgin, Bruno Frazier, Maryam Saeedifard, Paul Steffes

**Eta Kappa Nu Awards Selection Committee:** Christina Bourgeois, Tom Gaylord, Elliot Moore, Whit Smith, Mary Ann Weitnauer, Bradley Zarek

## **Colonel Oscar P. Cleaver Awards Selection Committee/ECE**

**Graduate Committee:** David Anderson, Azadeh Ansari, Muhannad Bakir, Chris Barnes, Pamela Bhatti, Matthieu Bloch, Alan Doolittle, Sung-Kyu Lim, Linda Milor, Dan Molzahn, Stephen Ralph, Arijit Raychowdhury, Paul Voss, Hua Wang, Mary Ann Weitnauer, Shimeng Yu, Alenka Zajic

**Additional Event Support:** Mark Bean, Nisaa Buchanan, Harry Beck, Sarah Collins, Marion Crowder, Luz Evelin Cuero, J. Stacey Grayson, Mitsuko Ito, Dennis Lindsay (Georgia Tech Center for Career Discovery and Development), Rachel Ponder, Daniela Staiculescu

**ECE Advisory Board:** Moises Abadi, Antonio Alvarez, Fred Anochie, Keefe Bohannon, Steve W. Chaddick, Mel Coker, James DeBardelaben, Gina DeSimone, H. Allen Ecker, Paul Emerson, Yony Feng, Mary Gordon, Holmes J. Hawkins III, Larry Heck, Shige Honjo, Amol Joshi, John Lanza, Allen Lindsay, Fernando Mujica, Ragnar-Miguel Myhrer, Keith Ogboenyiya, Gaël Pirlot, Sheryl Prucka, Cathleen Thomas Quigley, Thomas Sapitowicz, Teresa Shea, Bob Stargel, Jim Stratigos, Meade Sutterfield, Alek Szlam, Michael R. Tinskey

## About Roger P. Webb

As a student, faculty member, leader of ECE, and administrator, Roger Webb's association with Georgia Tech and the School of Electrical and Computer Engineering has spanned over 60 years.

Dr. Webb arrived at Georgia Tech in 1959 to pursue his doctorate, and from 1961-63, he worked as a Georgia Tech Ford Fellow. During this time, he became an assistant professor in 1963 and then received his doctorate in 1964. At that time, Dr. Webb was the 20th faculty member in electrical engineering, and Van Leer was a brand new building on campus.

Throughout his career, Dr. Webb's primary interests were in electric power systems, instrumentation, and control systems, and during his tenure as Georgia Power Company Distinguished Professor from 1972-2001, he coordinated instructional and research program development in electric power engineering. In 1978, Dr. Webb became the School's associate director, and in 1989, he served as acting director, and then became chair in 1990.

During his nearly 15 years as the ECE school chair, he oversaw a period of intense growth and expansion until his retirement in December 2004. The size of the faculty grew by more than a third, the number of doctoral degrees granted almost quadrupled, the dollar amount in research grants and contracts stood at \$46 million in 2004 as compared to \$10 million in 1990, and 15 research centers and consortia were founded.

Since his retirement in 2004, Dr. Webb has served Georgia Tech in several different capacities. He currently works part-time in ECE on fundraising and development initiatives, as well as several other critical areas of interest for the School.

