ECE Ruth - 08/17/19: Ye vuelan Grues, Ashton Hattori, Rafael Figueroa, Akilan Kennedy, Nia Rich, and Jieunhee Lee

Jupiter’s atmosphere is also a subject of discussion, with images of Jupiter’s atmosphere being displayed at various events.

Amorée Hodges

Lab Expo - 8/29/19: TTM Info Session - Mentor Josh Kevin Liow met in the ORS breakout room to have a team meeting.

3rd/4th Year Scholarship and was designated Tech Provost Scholar Air Force ROTC Graduate.


Miguel Garcia received the Georgia Tech Provost Scholar Air Force ROTC Four-Year Scholarship and was designated an Air Force Field Training Distinguished Graduate.

Kenneth Holder is a scholarship recipient in the Transfer Initiative for Engineering Scholars Program. They are: (L-R) Sai Kilaru, Nia Rich, Kevin Liow, Maria Saito, Daniel Yang, Zhiyu Xu, Ankit Kuchhangi, and not pictured: Ashton Hattori and William Schuchter.

Katie Weatherwax attended the WE19 National Conference for women in engineering in Anaheim, CA, November 7-9.

 SRC JUMP

There were twelve scholars selected to participate in the Semiconductor Research Corporation Joint Undergraduate Microelectronics Program. They are (L-R) Jessica Graham, Laura Heller, Chandler Mason, Vinay Balamourougouan, Malik Burton, Yi Li, Kenneth Holder, Solomon Martin, Juan Elizondo-Villaloz, Adrijha Bhattacharya, and (not pictured) Ashton Hattori and William Schuchter.

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Matt O’Shaughnessy presented his work titled “Identification of Voice Quality Variation Using Inversors” at the IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, New Paltz, NY.

Aline Eid received 1st Place in the Student Design Competition at the International Microwave Symposium in Boston, MA. She also received an Honorable Mention in the student paper competition, 2nd Place and Audience Choice in the three-minute Thesis Competition.

Shang-Jen Su presented his work at the Microwave Conference on 5G Hardware and System Technologies.

Ayra Arms presented her paper titled “Recursive Subspace Identification for Online Thermal Management of Implantable Devices” at the 37th Allerton Conference on Communication, Control and Computing in Monticello, IL. Sept. 24-26.

FALL IN PHOTOS

scholars.

Intel Resume Review and Networking - 08/19/19: Students network with Intel Representative Kevin Foster.

Amorée Hodges attended the European Planetary Science Congress/Division of Planetary Science in Geneva, Switzerland, Sept. 16-20. Additionally, she presented “Observing Jupiter’s Aurorae Using the JUNO Microwave Radiometer” at the American Geophysical Union Fall Meeting in San Francisco, CA, December 9-13. She also presented her poster titled “Measurements of Jupiter’s Aurorae Using the JUNO Wave Radiometer”.

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WASHINGTON — Kevin Liow presented informal sessions following an SNL info session.

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ORS Scholars Present and Win at 2019 TECHCON

By: Jackie Nemeth

Congratulations to Daniel Yang on receiving the best student research presentation award at SRC TECHCON 2019. Held September 10-12 in Austin, Texas, a junior computer engineering major, Daniel is a third year ORS scholar advised by Ph.D. student Aline Eid and Professor Manos Tentzeris. Daniel’s award-winning poster is entitled “Fully Inkjet-Printed Schottky Diodes.” This research is focused on fabricating Schottky diodes on flexible substrates using inkjet printing techniques and aims to provide a greater understanding of the feasibility and value of printing semiconductor devices.

Including Yang, seven ORS scholars were selected to present at SRC TECHCON including Ashton Hattori, Laura Heller, Sterling James, Jesse Jiang, Ruth Pavoor, and Will Scott. In addition to Daniel’s first place prize, Jesse Jiang won third place in the best student research presentation competition for his poster entitled “24 GHz Semi-Passive RFID Tags.” He is a senior electrical engineering major and was advised by ECE Ph.D. student Mohammad Alhassoun and ECE Professor Greg Durgin for this work.

Ashton Hattori was also asked to give an extended presentation of her poster entitled “Three-dimensional Quantitative Phase Imaging of a Biological Cell.” Ashton is a senior majoring in electrical engineering and was advised by Dr. Tom Gaylord and Ph.D. student Yijun Bao for this work.

The conference draws top researchers, scientists, and a large field of students from across the United States to present cutting-edge research in the field of semiconductor electronics. This is an excellent showing by our ORS undergraduate research scholars at this prestigious conference. Keep up the tremendous work, Daniel, Jesse, and Ashton!

ORS Scholars Present and Win at 2019 TECHCON