



Rensselaer

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ECSE 2020 Commencement Reception

Thursday, May 21, 2020

<https://rensselaer.webex.com/meet/wenj>

Congratulations – ECSE Class of 2020!



Program

- Welcome (ECSE Dept Head: John Wen)
- Bachelor of Science in Electrical Engineering
- Bachelor of Science in Computer and Systems Engineering
- Remarks by Class 2020 Advisors
- ECSE Master's Program Graduates
- ECSE Doctoral Program Graduates
- Remarks by ECSE Master's and Doctoral Program Directors
- ECSE Commencement Address
Dr. Steven Sasson, '72, Inventor of Digital Camera
- ECSE Awards
- ECSE Photo Vignettes
- ECSE Connection

Congratulations - EE B.S. Graduates!

Summer 2019

Chia, Alvin
Collado, Adrian J.
Forman, Jade M.
Garg, Ron
Gjini, Elizabeth A.

Fall 2019

Bartlett, Gideon T.
Calascione, Christopher T.
El-Mohandes, Zackery T.
Gao, Yunfan
Gold, Abigail V.
Grey, Jordan
Hallberg, Hewitt C.
Halpern, Seth W.
McBain, Liam R.
Nikolayenko, Andriy
Pasco, Angelo
Perez, Anthony
Rockwell, James V.
Sobota, Ally N.
St-Pierre, David R.
Yale, Matt C.

Congratulations - EE B.S. Graduates!

Spring 2020

Agarwal, Ishita
Arpi, Lander M.
Atchinson, Nick
Awad, Shauna M.
Beauchemin, Sam J.
Beninati, Steven
Black, Emily R.
Cano, Steven
Cao, Difei
Carino, Salvador V.
Chen, Peiran
Cheng, Huajie
Choi, James
Couceiro, Daniel
Crooks, Savannah L.
Dibie, Danielle P.
Dribusch, Garrett A.
Du, Qinfeng
Du, Yiming
Falatek, Austin E.
Fan, Ruiyi

Fillion, Carson L.
Fu, Yidong
Fultz, Isaac T.
Goldberg, Hannah
Gutenmann, Kristian A.
He, Zhaowen
Hong, Yun
Hunter, Shannon K.
Islam, Asef
Jia, Xinlan
Klyuchnik, Diana
Lambert, Bailey M.
Levine, Matthew R.
Li, Qixin
Li, Shenwei
Li, Yi
Liu, Haozhe
Liu, Lewei
Liu, Yueliang
Love, Patrick J.
Ma, Linsen
Malanaphy, Devin N.

Melkun, Justin F.
Mester, James J.
Miner, Jake K.
Moncayo, Elizabeth S.
Munro, Isaac
Murli, Sathvik
Napura, Danny P.
Nembhard, Taye
Nunez, Emily
Nwodo, Kene A.
Orth, Gavin L.
Pan, Noah
Pleach, Kathryn K.
Saad, Tom
Schaffter, Clara A.
Shen, Harry
Shen, Yifeng
Shiltsev, Misha V.
Soto, Cristian J.
Szendro, Kyle N.
Thomas, Justin

Urbanski, Joey A.
Warne, Geoffrey C.
Wen, Qijie
Williamson, Emmett A.
Wilson, Benjamin C.
Wong, Elissa
Xia, Xavier
Xue, Tong
Zaw, Caroline P.
Zeng, Ting
Zeng, Yunyang
Zhang, Alexander
Zhang, Elaine
Zhang, Yuyang
Zielinski, Nate J.

Congratulations - CSE B.S. Graduates!

Summer 2019

Batcher, Shane
Dineen, Matt M.
Jacob, Akhil
Osuma, Christine A.

Fall 2019

Bahs, Sydney T.
Berry, James
Cai, Lizhou
Chen, Jiongzheng
Hallberg, Hewitt C.
Hansell, Gregory J.
Hong, Ji-hann N.
Palazzo, David L.
Patel, Dhruv S.
Pianin, Eric A.
Russell, Sean
Stadler, Johnathan J.
Wang, Junhe

Congratulations - CSE B.S. Graduates!

Spring 2020

Bell, Tom R.
Cabaleiro, Brandon J.
Cano, Steven
Catalano, Joseph
Cheng, Huajie
Cook, Zachary B.
Cregin, Kristen N.
Dawnkaski, David A.
Denham, Julia J.
Downing, Delaney
Dribusch, Garrett A.
Ettlinger, Jeremy M.
Gao, Yutong
Goode, Cameron M.
Hayat, Mohammad F.
Herrada, Brandon M.
Hill, Maria C.
Hong, Yun
Huang, Minjia
Ji, Jiahong
Jonson, Alex D.
Kauffman, Kael J.

Koeper, Linus
Kumar, Shreya
LaTourette, Hannah M.
Li, Jing Wei
Lin, Jiangshan
Liu, Haozhe
Love, Patrick J.
Luo, Zhepeng
Ma, Linsen
Malanaphy, Devin N.
Manchester, Maya S.
Mascari, Nathan P.
Melkun, Justin F.
Menendez, Matthew A.
Montenieri, Jacob P.
Mosley, Arthur C.
Murli, Sathvik
Murphy, Mike P.
Orth, Gavin L.
Plowman, Max E.
Ramsay, Caoilin J.
Rhie, Matthew S.
Rodriguez, Hector D.
Saad, Tom
Sang, Skylar
Sanita, Kevin W.

Schaffter, Clara A.
Schmalz, Jonathon W.
Shadra, Rish
Shiltsev, Misha V.
Sibley, Isaac M.
Steenstra, Ian S.
Suri, Siddharth
Tatum, Josh K.
Tesone, Jared P.
Tipnis, Zach
Torborg, John J.
Travers, Joe M.
Van Alstyne, Benjamin P.
Vargas, Christian
Veenhuis, Emily L.
Ward, Eric
Weatherbee, Kristen L.
Yang, Zhentao
Zhang, Alexander
Zhang, Quinn
Zhang, Xu
Zhou, Yi
Zhu, Gary
Zoner, Nick M.
Zuniga, Giovanni

Class of 2020 Undergraduate Advisors

Ishwara Bhat



Randolph Franklin



David Nichols



Birsen Yazici



Qiang Ji



James Lu



Paul Schoch



Jian Sun



Congratulations – ECSE Masters Graduates

Summer 2019

Huaiyuan Chu

Yilin Zhu

Fall 2019

Jeremy Bornstein

Fangheng Sun

Katie Clark

Xuhao Jiang

Kaixiang Jin

Spring 2020

Zhiyu Chai

Christie Chen

Earl Hughes III

Pan Yuen Lau

Janyun Li

Conor Maddry

Hayley Roy Gill

Ziyu Su

Burak Varici

Jianyu Yang

Yihao Zhu

Nicholas Corbett

Everett McNair

Robert Ryan

Han Shen

Congratulations – ECSE Ph.D. Graduates

Summer 2019

- Indrani Bhattacharya. Dissertation: “Unobtrusive Analysis of Human Behavior in Task-based Group Interactions” (Supervised by Dr. Richard J. Radke)
- Md Hossain Toufiq Imam. Dissertation: “Integrated Modeling and Control of the Indoor Built Environment” (Supervised by Dr. Sandipan Mishra)
- Di Lu. Dissertation: “Multi-Media Multi-Lingual Information Extraction, Summarization and Transfer” (Supervised by Dr. Heng Ji)
- Yu Pin Hsu. Dissertation: "Analog Front-end Circuits for Health Monitoring Applications" (Supervised by Prof. Mona Hella)
- Christoph Lackner. Dissertation: "Controls in Power Systems with Renewable Energy Penetration" (Supervised by Dr. Joe Chow)
- Zemin Liu. Dissertation: "Power Management Circuits for Hybrid Energy Harvesting" (Supervised by Prof. Mona Hella)

Congratulations – ECSE Ph.D. Graduates

Fall 2019

- Prateek Kumar Singh. Dissertation: “Reliable and Trustworthy Networking In Ad Hoc and Edge Networks” (Supervised by Koushik Kar)
- Wenting Li. Dissertation: “Real-time and Agile Data-driven Approaches Enabling Power Grids to be Smart” (Supervised by Prof. Meng Wang)
- Yuan Liu. Dissertation: “An Improved Video Compression Framework with Fine-grain Scalability” (Supervised by Prof. John Woods)
- Ignacio Vieta Miranda. Dissertation: “Small-signal Modeling and Analysis of Type-III Wind Turbines Considering Coupling Through Dc Bus and Over Frequency” (Supervised by Prof. Jian Sun)

Congratulations – ECSE Ph.D. Graduates

Spring 2020

- Sagnik Nath. Dissertation: “Development of a Methodology for Automatic Placement and Routing of SFQ Circuit Designs and an Associated Standard Cell Library (Supervised by Tong Zhang and John McDonald)
- Meng Zhang. Dissertation: “Design of Real-world Person RE-Identification Systems” (Supervised by Richard J. Radke)
- Alexander Derrickson. Dissertation: “A Contemporary Assessment of the Lateral Silicon-Germanium Bipolar Transistor” (Supervised by Prof. Rena Huang)

ECSE Master's and Doctoral Program Directors

Alhussein Abouzeid
(ECSE Graduate Program Director)



Partha Dutta
(ECSE Master's Program Director)



Steve Sasson, 73



Steven received his Bachelor and Master's degrees in Electrical Engineering, Rensselaer Polytechnic Institute, in 1973. He changed the future of photography when he invented the world's first digital camera. His groundbreaking invention revolutionized the way images are captured, stored, and shared, creating new opportunities for commerce and communication, and ultimately transforming an industry. Steven has received numerous recognitions for his work that includes his 2007 Induction into the Consumer Electronics Hall of Fame, 2011 election to the National Inventors Hall of Fame, 2009 Economist Magazine Consumer Products Innovation Award and the US National Medal of Technology and Innovation that he received in 2010 from President Obama.

ECSE Awards

Allen B. Dumont

Meng Zhang

The Harold N. Trevett

Linus Koepfer

Difei Cao

Charles M. Close '62 Doctoral Prize

Maha Mahmoud Fadel Zohdy

Lt. Charles D. Dyce Award (1976)

Zaki A. Quereshy

Dr. Alireza Seyedi '99, '04 Teaching Assistant Award

Yu Wang

Christopher Wiederman

The Henry J. Nolte Memorial Prize

Steven Beinnati

The Ricketts Prize

Patrick James Love

Siddharth Suri

The Wynant James Williams Prize

Emily Lynn Veenhuis

Justin Frank Melkun

4.0 GPA

Linus Koepfer

Siddharth Suri

Farewell ...



Jack McDonald: 1942-2020
(RPI: 1975-2020)

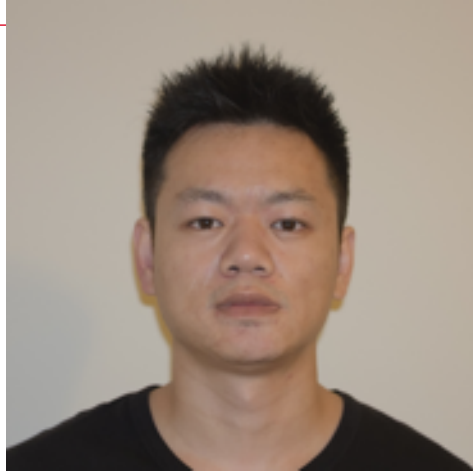


Yannick LeCoz: Retiring
2020 (RPI since 1989)

Mick Neal: Client Support Analyst ➡ New Job

Hayleigh Sanders: Academic Support Engineer ➡ ECSE Graduate Student

Our Graduating Students



Di Lu



Kristen Weatherbee



Joseph Urbanski



Md Hossain Toufiq Imam



Hayley Roy Gill

Our Graduating Students

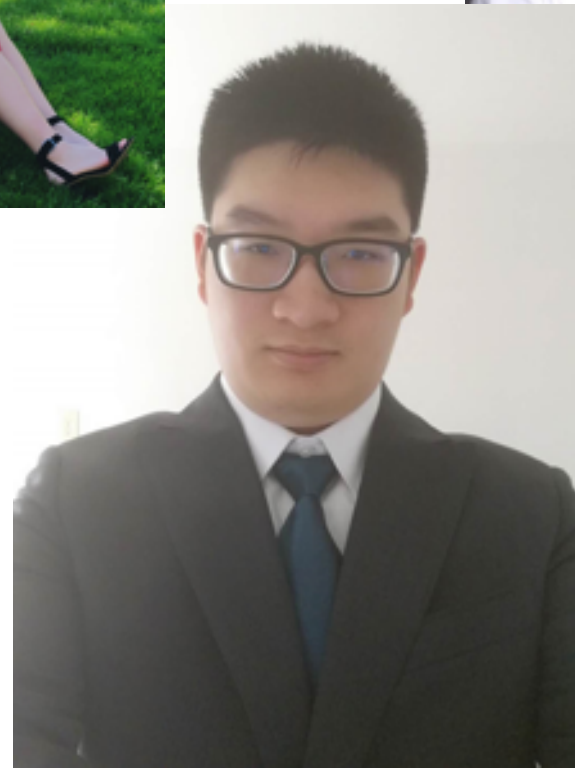
Prateek
Kumar
Singh



Fangheng Sun



Christie Chen



Zhiyu Chai

Jeremy Bornstein



Our Graduating Students

Earl Hughes III



Burak
Varici



Ian Steenstra



Pan Yuen Lau



Conor
Maddry

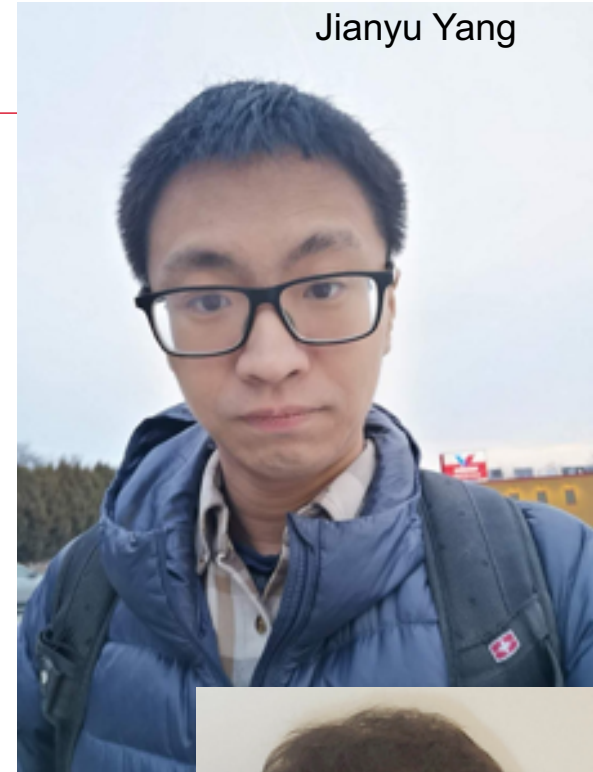


Our Graduating Students

Meng Zheng



Jianyu Yang



Ziyu Su



Sagnik Nath

Yihao
Zhu



Our Graduating Students



Kene Nwodo



Janyun Li



Kristian Gutenmann

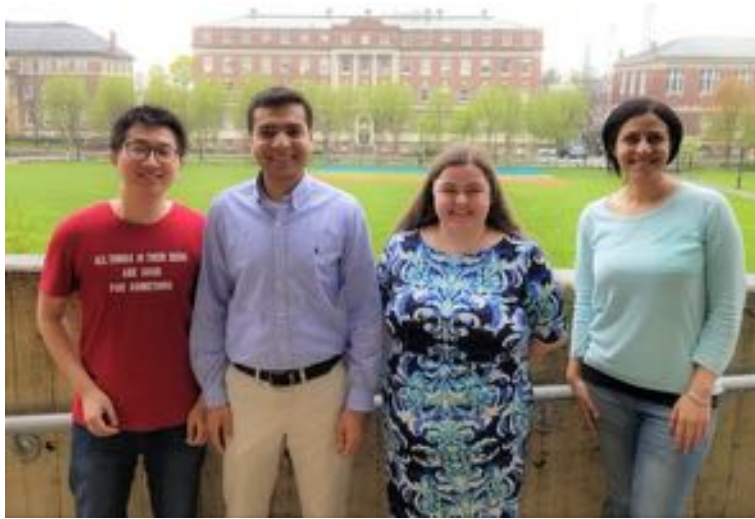


Nick Zoner
and Caoilin
Ramsay



Indrani
Bhattacharya

ECSE Vignettes



ECSE Grad Student Council



RPI Quidditch Team

Diana Klyuchnik, first prize for the contest in ECSE 4030 (Analog IC Design) and another prize for Advanced Electronics.

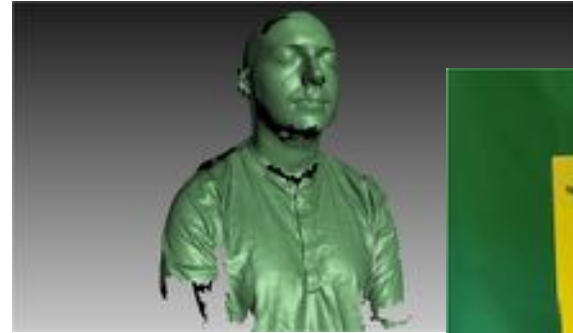


Justin Melkun, winner of the IEEE Microwave Theory and Technique undergraduate fellowship.

ECSE Vignettes



Rensselaer Formula Hybrid



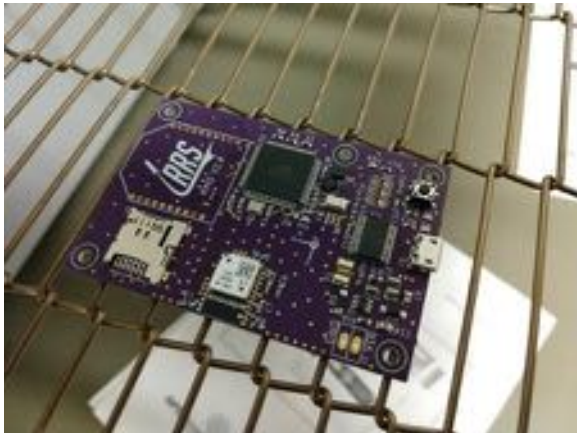
Moments from ECSE
4620: COMP VISION
FOR VISUAL
EFFECTS in Fall
2019



ECSE Vignettes



Introduction to Engineering Design (IED), Fall 2018



A tracker PCB made for Rensselaer Rocket Society by Patrick Love.

Prateek Kumar Singh Dissertation Defence



HKN Fall 2019 Inductees

ECSE Vignettes



Grad Student Social



ECSE Vignettes

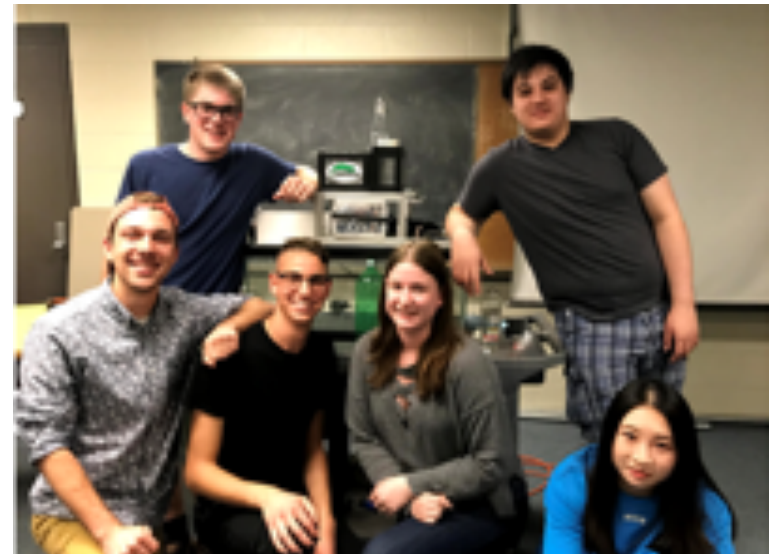


HackRPI Fall 2019



Engineering Ambassadors

IED Group and Project



ECSE Vignettes



IED Group Project 2018



African Students Association
Africa Night, 2019

Black Family Technology Awareness
Day, 2019



2018 and
2019 East
Coast
Scholarship
Galas



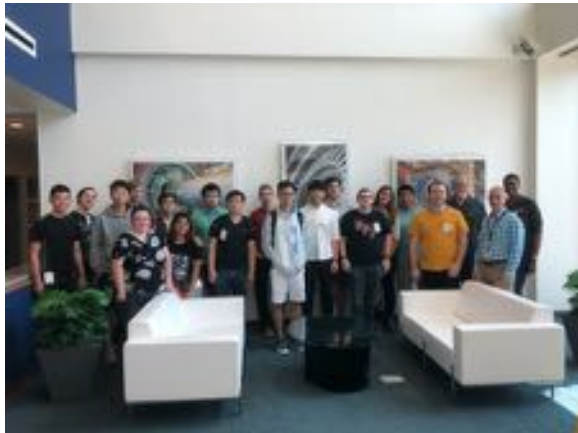
ECSE Vignettes



JEC 6th Floor Renovation



Flip Flop Lounge Renovation



Prof. Shah's Class Visiting GE

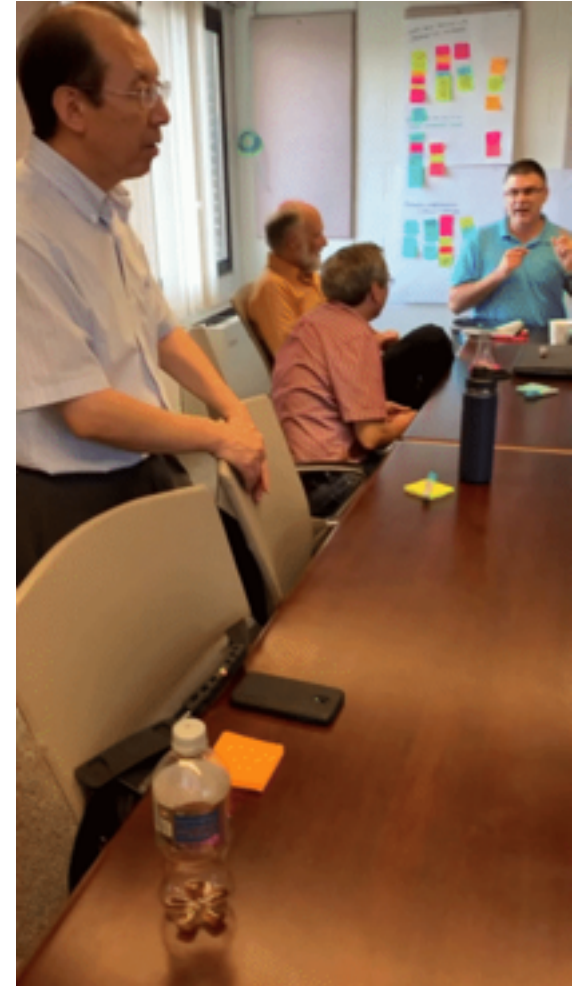


ECSE Open House

ECSE Vignettes



Faculty Brainstorming on Course Improvement:
Goal-Activities-Products-Assessment (GAPA)



Where ECSE Graduates Are Making Impacts!



Stay in Touch! (Send updates and photos!)



@EcseRpi



ECSE RPI Students Graduates and Friends



@ECSEDeptRPI



ecse.rpi.edu

Share your future contact information:

Undergraduates: <https://forms.gle/TEiPn25xJS8zrQiq7>

Graduates: <https://forms.gle/r4mPNpRBxLkVFF66A>

Look for a small gift from
ECSE in the mail...



Sunday – Virtual Commencement

Saturday, May 23, 2020 12:00pm EDT

