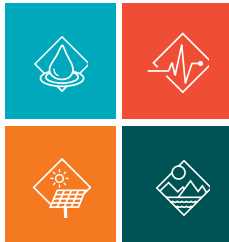


WALTER SCOTT, JR.
PRESIDENTIAL CHAIRS

The four Walter Scott, Jr. Presidential Chairs will be awarded to nationally and internationally known scholars whose research programs span one or more of our signature areas. The Scott Presidential Chairs will have demonstrated leadership that will complement and build upon our existing strengths and bring new dimensions to our research portfolio.



We continue to target world-class faculty with records of exceptional accomplishments to fill the remaining three Scott Presidential Chairs. We have identified some exciting individuals for consideration and have scheduled visits to campus later this fall. Our aim is to fill these three Scott Presidential Chairs this coming academic year.

Climate scientist James Hurrell named first Walter Scott, Jr. Presidential Chair

James Hurrell, who previously served as director of the National Center for Atmospheric Research in Boulder, joined Colorado State University in September as the Walter Scott, Jr. Presidential Chair in Environmental Science and Engineering. Hurrell’s research centers on analyses and model simulations of climate, climate variability, and climate change. In a statement from Jeff Collett, chair of the Department of Atmospheric Science, he exclaims, “Jim brings exceptional talent, scientific creativity, and experience to CSU, and is widely recognized as one of the world’s top climate dynamicists.”



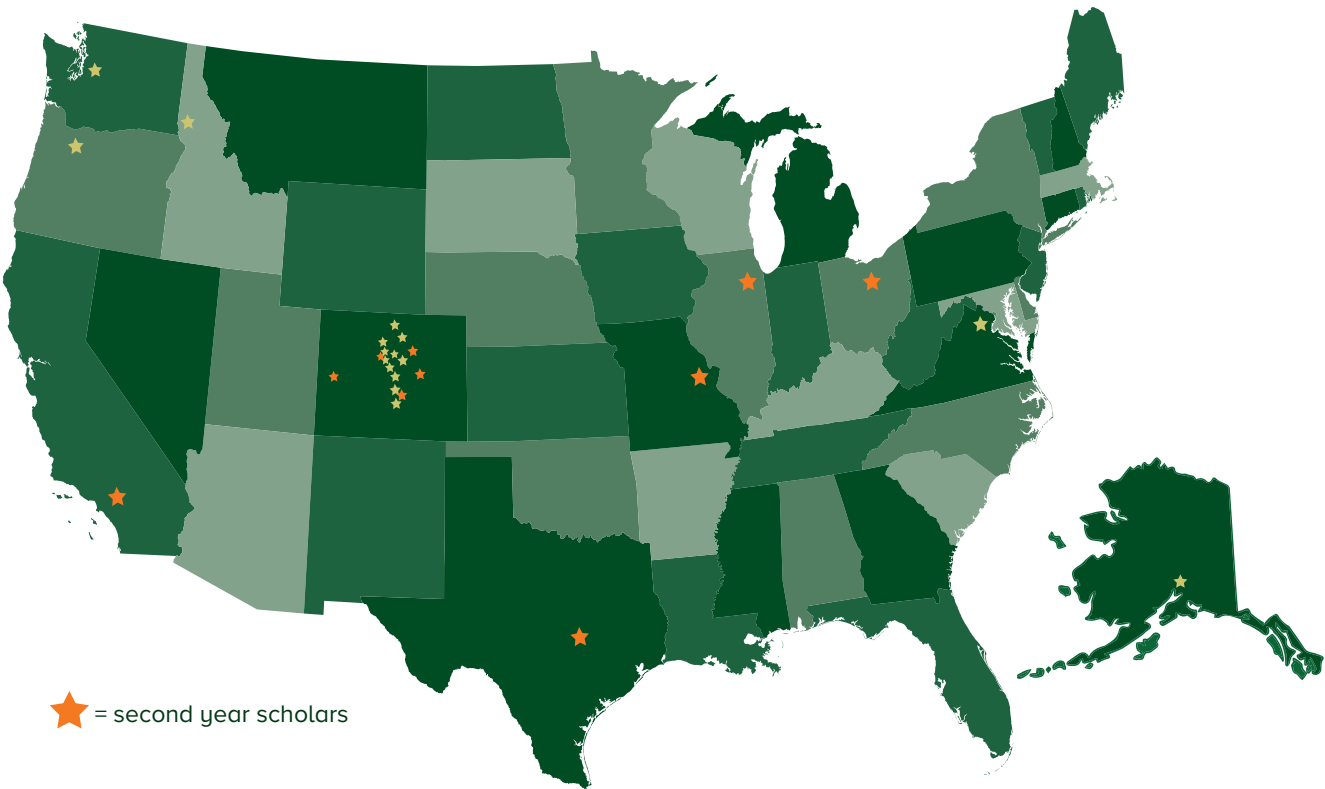
“Climate variability and climate change pose risks to many sectors, including agriculture, water, human health, infrastructure, national security, transportation, energy, forests, and ecosystems. I am eager to collaborate with CSU researchers working in these areas.”

— JIM HURRELL, WALTER SCOTT, JR. PRESIDENTIAL CHAIR IN ENVIRONMENTAL SCIENCE AND ENGINEERING



WALTER SCOTT, JR.
UNDERGRADUATE SCHOLARS

Your generous gifts allowed us to attract and select our second cohort of 20 of the most outstanding students from across the country to benefit from and help us continue to build our reputation of excellence in our engineering programs.



HOMETOWNS:

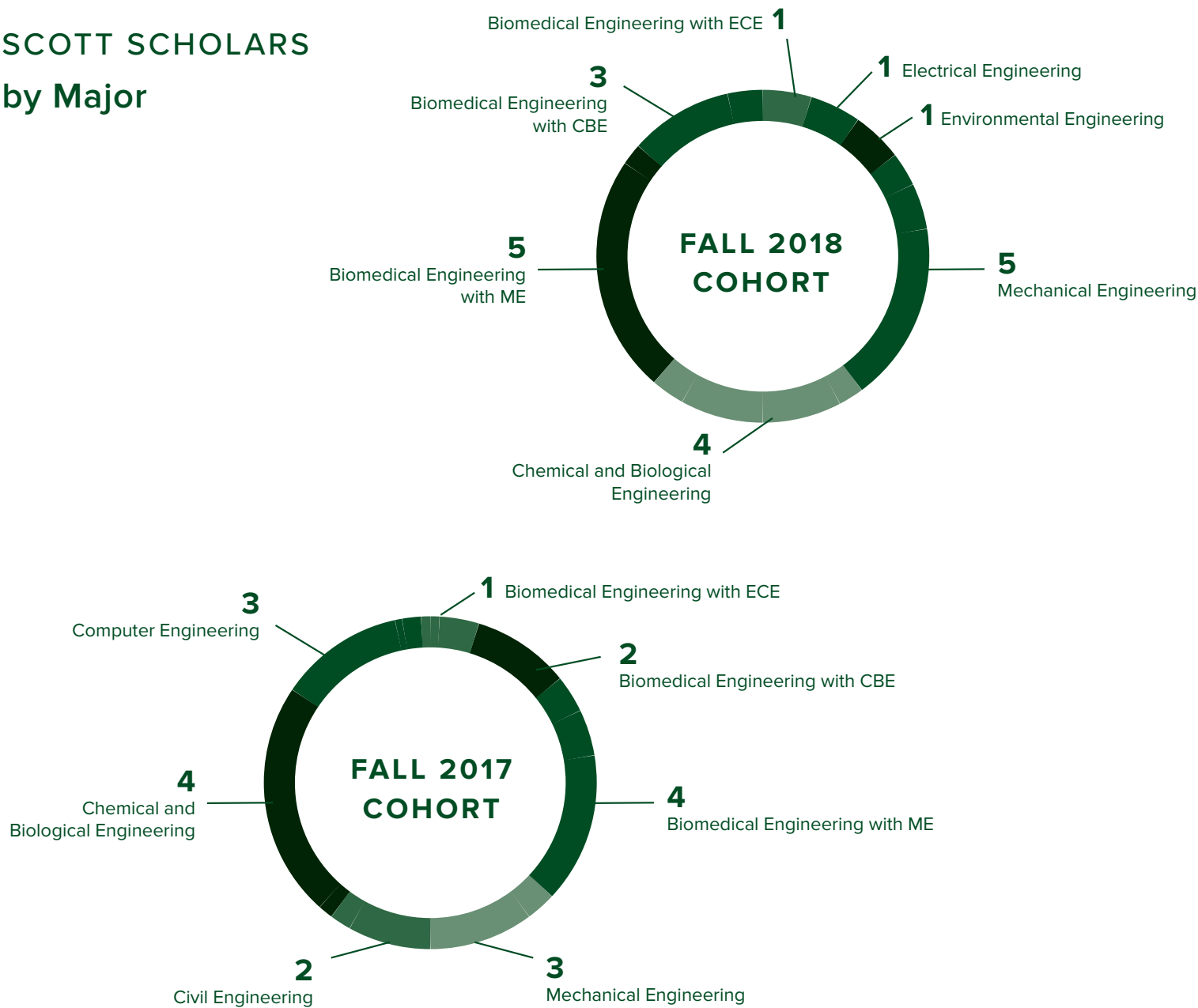
15 In State:

- Aurora
- Lakewood (2)
- Littleton (2)
- Boulder
- Highlands Ranch
- Frederick
- Westminster
- Monument
- Denver
- Broomfield
- Arvada
- Colorado Springs
- Lafayette

5 Out of State:

- Moscow, Idaho
- Issaquah, Wash.
- Chugiak, Alaska
- Fairfax Station, Va.
- Lake Oswego, Ore.

SCOTT SCHOLARS
by Major



“I didn’t think I’d be deemed worthy to join this wonderful community. It means so much that someone believes in me.”

– KATE BOYD,
CHEMICAL AND BIOLOGICAL
ENGINEERING



“Without this scholarship, I would not be able to attend an out-of-state school and experience a completely new environment. I am humbled by the generosity of Mr. Scott and am driven to contribute to the engineering field because of this scholarship.”

– JENNA STUBBERS,
BIOMEDICAL AND MECHANICAL
ENGINEERING



“The Walter Scott, Jr. Scholarship is an honor that not only helps me succeed now, but also drives me toward my goal of leaving an impact on others. It gives me the opportunity to focus on academics and become involved in the CSU community.”

– ETHAN BARRON,
BIOMEDICAL AND MECHANICAL
ENGINEERING

SCOTT SCHOLARS - Academic Profiles

	FALL 2018 COHORT	INCOMING ENGINEERING AVERAGE	FALL 2017 COHORT
HIGH SCHOOL GPA	4.39	3.89	19/20 RENEWED FOR A SECOND YEAR
ACT AVERAGE	33	28	AVG. GPA 3.63
MALE/FEMALE	60% female	28%	GPA RANGE 3.0-4.0
DIVERSITY	10% diverse	25%	

RESEARCH THEME
BY AREA OF EXCELLENCE



WATER

Groundwater flow and contaminant transport in surface water
Novel membrane technologies for utilizing unconventional water resources



HEALTH

Synthetic biology and protein design
Tissue engineering and biomaterials
Tissue engineering and imaging technologies
Imaging and degenerative neurological diseases
Detection of emerging patterns in Big Data
Tissue response to microgravity and spaceflight
Intelligent systems for bioprosthetics



ENERGY

Electromagnetic modeling and design of complex wireless systems
High-performance energy-efficient computing systems
Aerospace-related computational fluid dynamics
Alternative energy sources and storage
Hall effect thruster technologies



ENVIRONMENT

Remote sensing and storms
Severe weather
Biogeochemical cycles and ecosystems
Cloud physics and radar
Remote sensing and forecasting

WALTER SCOTT, JR. GRADUATE FELLOWS

In keeping with our land-grant mission to provide access and opportunity, the Scott Fellows program brings fantastic talent, in the form of 23 new graduate students, to CSU to expand on our groundbreaking research efforts.



"Adam Morrone is a student of tremendous breadth, an agile and perceiving mind, and limitless curiosity. I am ecstatic that the Walter Scott, Jr. Fellowship recognizes these types of skills, because students like Adam will create the engineering companies of the future. The fellowship made his move here less daunting, and recognition by such a respected and successful entrepreneur put even more wind in Adam's sails."

– STEVE SIMSKE, PROFESSOR,
MECHANICAL AND SYSTEMS ENGINEERING



"This fellowship motivates me to work harder to achieve my academic goal and boosts my confidence to make progress on my research – it could be a light on my way to success."

– PARDIS HOSSEINI GHASEMABADIAN,
ENVIRONMENTAL ENGINEERING



"Having the Walter Scott Fellowship during my first year at CSU was a great experience, because it introduced me to a group of other motivated students and has been a great networking opportunity."

– KATHRYN MOORE,
ATMOSPHERIC SCIENCE



"Receiving the fellowship was further confirmation that I was recognized as an individual who could help accomplish CSU's goal – I was more than 'just another grad student.' I'm also excited about how the fellowship might open up networking opportunities in the future."



– ADAM MORRONE, MECHANICAL ENGINEERING

SCOTT FELLOWS COME FROM AROUND THE WORLD

ECUADOR
IRAN
SRI LANKA
UNITED STATES



WALTER SCOTT, JR.
DISCRETIONARY FUND

Thanks to your generosity, the Scott Discretionary fund will provide the Dean’s Office the necessary flexibility to invest dollars in strategic ways to support key initiatives in the college to further bolster student scholarships, outstanding teaching, innovative research, and support for student leadership development programs.

“I participated in research doing algae cultivation at the CSU Powerhouse, as well as an internship at NREL working with recycling nutrients. Both opportunities have provided me with specific knowledge about algae research and hands-on learning. These experiences have helped shape what I may want to do in the future with my chemical engineering degree, and gave me a start to exploring the field of research.”
– **Juan Venegas, Scott Scholar, Chemical and Biological Engineering**

“I started this journey without an understanding of ninth-grade mathematics. I dropped out of high school at 16 years old and became a mechanic. I have spent eight years working on this degree, and now this scholarship will allow me to graduate with a clean slate.” – **Anonymous Mechanical Engineering student, experienced homelessness but received scholarship through the Scott Discretionary fund to help him complete his degree**

In 2018, the college’s *U.S. News & World Report* graduate ranking climbed 11 spots. In an effort to further improve the college’s peer ranking, research highlights and other notable achievements were featured in the ASEE *First Bell* newsletter throughout 2018, a daily publication geared toward engineering higher education professionals. **20 *First Bell* ad slots have been purchased for 2019.**

