Welcome
2026 College Meeting

May 27, 2026

UCR Marlan and Rosemary Bourns College of Engineering

Land Acknowledgement

We would like to respectfully acknowledge our responsibility to the original and current caretakers of this land, water and air.

The Cahuilla, Tongva, Luiseño, and Serrano peoples and all of their ancestors and descendants, past, present, and future.

Today the UCR campus is home to many Indigenous peoples from all over the world, including UCR faculty, students, and staff, and we are grateful to have the opportunity to live and work on these homelands.

Agenda

i. **Welcome** – Vagelis Hristidis
ii. **Executive Committee, Year in Review** - Vagelis Hristidis, Chair of the Faculty
iii. **General Discussions**, Questions, and Answers for Chair of the Faculty
iv. **State of the College** - Dean Lynch
v. **Recognitions**



Meeting of the Faculty 2026

Presented by Vagelis Hristidis, Chair of the Faculty

Executive Committee Members 2025-2026



Vagelis Christidis
Chair of the Faculty



Ke Du
Chemical & Electrical Engineering



Hung-Wei Tseng
Electrical & Computer Engineering

Ex-Officio Members



Chris Lynch



Matt Barth



Huinan Liu



Richard Wilson
Mechanical Engineering



K. K. Ramakrishnan
Vice Chair
Computer Science & Engineering



Craig Schroeder
Computer Science & Engineering (at large)



Chung-Hao Lee
Bioengineering



Rod Smith
Staff Support

UCR Marlan and Rosemary Bourns College of Engineering

Tasks Completed by the BCOE Executive Committee

- Review of Undergraduate Courses (New, Changes, Deletions)
- Review of Curriculum Changes/Updates
- Review of Graduate Courses (New, Changes, Deletions)
- Senate matters requested for review
- And so much more!



Program/Curriculum Changes

UCR Marlan and Rosemary Bourns College of Engineering

Undergraduate Programs

- Moratorium
- Science (CNAS version)
- Robotics Combined BS+MS
- Computer Science Applications
- Computational Data Science BS+MS
- BS in Data Science

Graduate Programs

No Changes (N/A)

Red = New Program

Senate Items: System-wide Requests

Marlan and Rosemary Bourns College of Engineering

APPROVED

- Systemwide Senate Review of Proposal to Establish a Systemwide Academic Senate Committee on Climate Change and Sustainability
- Systemwide Senate Review of Proposed Revisions to Senate Bylaw 192 and Senate Regulations 636 and 761

NO COMMENT

- Proposed Presidential Policy on Anatomical Donation and Anatomical Materials
- Proposed Presidential Policy IMT-1300 Information Technology Accessibility
- Systemwide Senate Review of Proposed Revisions to Senate Bylaw 140
- Proposed Presidential Policy on Sustainable Practices
- Proposed Presidential Policy on Responding to Allegations of Research Misconduct
- Proposed Revisions to APM Section 036, General University Policy Regarding Academic Appointees/Employment
- Proposed Presidential Policy on Education Loan Practices
- Presidential Interim Policy for Use of Online Program Management Companies
- Review of Interim Systemwide Guidelines on Faculty Discipline and Revisions to APM - 015 and 016

Senate Items: Campus Requests

APPROVED

- Proposed Changes to Charge of the Committee on Preparatory Education
- BS+MS in Robotics
- GIS and Public Policy BS
- MS in Artificial Intelligence
- MS in Taxation
- UCR Campus 2026-2031 Campus 5-yr Planning Perspective
- Proposal for Formal Ex-Officio Representation on the Committee on Educational Policy
- Campus Review--THIRD ROUND, BS in Genetics and Molecular Biotechnology
- Campus Review--SECOND ROUND, Changes to UCR Regulations 2, 3, 4
- Proposed Change to UCR Regulation 6.14
- Proposed Change to the Charge for the Committee on Faculty Research Lecturer
- 6.12 - Campus Graduation Requirements
- Proposed changes to Regulations: 2 (MA/MS/Admin), 3 (MFA), 4 (PhD)
- 2nd Round - B.S. in Genetics and Biotechnology (GNBT)
- Priority Registration for Timely Completion of Student Evaluations of Teaching
- Combined Data Science BS and Statistics MS

Courses Reviewed & Approved

Marlan and Rosemary Bourns College of Engineering

BIEN

- BIEN 001
- BIEN 175A
- BIEN 202

CEE

- CEE 158

CHE

N/A

ENGR

- ENGR 060
- ENGR 296

EE

- EE 114
- EE 147
- EE 230
- EE 146
- EE 241A
- EE 241B
- EE 243
- EE 269
- EE 278

CS

- CS 011
- CS 009C
- CS 010C
- CS 111
- CS 122
- CS 147
- CS 189
- CS 197
- CS 259

Red = New Course | **Black** = Course Update

Endowed Chair Approvals

UCR Marlan and Rosemary Bourns College of Engineering

Professor Zhiyun Qian
Everett and Imogene Ross Endowed Term Chair in Computer Science and Engineering

Professor Rajiv Gupta
Amrik Singh Poonian Endowed Chair in Computer Science and Engineering

Professor Juchen Guo
Winston Chung Endowed Professorship in Sustainability

Associate Professor Jinyong Liu
Won and Insook Yoo Endowed Term Chair in Environmental Engineering

Professor Bir Bhanu
Marlan & Rosemary Bourns Presidential Endowed Chair

Professor Xiaoping Hu
Reza Abbaschian Endowed Term Chair in Bioengineering

Professor Hamed Mohsenian-Rad
Winston Chung Endowed Term Professorship in Energy Innovation

Associate Professor Yujie Men
John Babbage Endowed Term Chair in Environmental Engineering

Professor Georgios Karavalakis
W. Ruel Johnson Endowed Chair

State of the College

Presented by Dean Lynch

BCOE Leadership



Christopher S. Lynch

Dean
William R. Johnson Jr. Family Chair
ME Professor



DuBron Rabb

Assistant Dean
Development



Alissa Rackstraw

Assistant Dean
Chief Financial &
Administrative Officer



Matt Barth

Associate Dean
Research & Graduate Education
Hays Endowed Chair
ECE Distinguished Professor



Huinan Liu

Associate Dean
Student Academic Affairs
BIEN Professor



Rajiv Gupta

Associate Dean
Academic Personnel
Amrik Poonian Chair
CSE Distinguished Professor

Thank You to Chair and Program Directors

- Xiaoping Hu | BIEN Dept. Chair & Prof.
- David Cocker | CEE Dept. Chair & Prof.
- Christian Shelton | CSE Dept. Chair & Prof.
- Ertem Tuncel | ECE Dept. Chair & Prof.
- Guanshui Xu | ME Dept. Chair & Prof.
- Kostas Karydis | Robotics Program Chair & ECE Prof.
- Juchen Guo | MSE Program Chair & CEE Assoc. Prof.
- Hyoseung Kim | CEN Program Chair & CSE Prof.
- Amit Roy-Chowdhury | Robotics Program Chair & ECE Prof.
- Vassilis Tsotras | Data Science Program Chair & CSE Prof.
- Kambiz Vafai | Director of MSOL & ME Distinguished Prof.
- Ahmed Eldawy | Faculty Equity Advisor & CSE Prof.

Thank You to Center Directors

Don Collins | Director, Center for Environmental Research and Technology (CE-CERT)
Ian Wheeldon | Director, Center for Industrial Biotechnology (CIB)

Amit Roy-Chowdhury and Srikanth Krishnamurthy | Co-Directors, DoD Center of Excellence (AASHI)

Trent Jaeger and Heng Yin | Co-Directors, Center for Research and Education in Cyber Security and Privacy (CRESP)

Albert Wang | Director, Center for Ubiquitous Communication by Light (UC-LIGHT)

Hamed Mohsenian-Rad and Juchen Guo | Co-Directors, Winston Chung Global Energy Center (WCGEC)

Kostas Karydis | Director, Center for Robotics Intelligent Systems (CRIS)
Jin Nam | Director, Center of Innovative Materials for Energy and Environment (UC-KIMS)
Vassilis Tsotras | Director, Center for Data Science

Amit Roy-Chowdhury and Vassilis Tsotras | Co-Directors of RAISE

Thank You Staff Support Team

- Administrative Support Teams
- Budget and Finance
- Contracts and Grants Office
- Central Personnel Services Unit
- Dean's Office
- Development
- Graduate Student Affairs Advisors
- Financial Administrative Officers
- Safety & Facilities
- Student Affairs
- Student Success
- Systems



Staff Service Awards

5 years
- Mai Temraz

10 years
- Joe Bradfield
- Sim Mai
- Desmond Harvey
- Daniel Gomez
- Henry Gomez
- Carolyn Ray
- Mallorie Hardcastle
- Kim Love
- Joana Godoy
- Kevin Schulte

15 years
- Emily Kirkland
- Todd Ambriz
- Eva Barriga

20 years
- Carlos Gonzalez
- Nicole Kramer



Star Staff Awards

- Kaitlyn Etzweiler
- Joe Bradfield
- Sim Mai
- Johnathan Johnson
- Marlene Garcia
- Carolyn Ray
- Lucy Matsukawa
- Joaquin Barraza
- Julie Khov
- Kevin Schulte
- Alberto Soto
- Emily Kirkland
- Angie Jones
- Tiffany Lindsey
- Veronica Valenzuela
- Brandon Reese
- Michael Cruz
- Dana Lagunas
- Malcolm Manuel
- Kate Seo
- Jessica Grossoehme
- Henry Gomez
- Maletina Lolesio
- Sara Salsgiver
- Jocelyn Catano
- Becki Jo Ray
- Carolyn Ray
- Rebecca Gaton
- Rod Smith
- Cindy Aguliar
- Desmond Harvey
- Nikki Holloway
- Briana Moreno
- Adrienne Thomas
- Mai Temraz
- Sara Connor
- Mark Villela-Garcia
- Grecia Alfaro
- Thomas McGraw
- Kim Wolf
- Daniel Chang
- Fernanda Rojos
- Eva Barriga
- Kaiszia Catchings
- Robert Godoy
- Jaime Tran
- Emilie Ortiz
- Huguette Albrecht
- Mallorie Hardcastle
- Amy Dao
- Robert Lopez
- Alex Vu
- Mindi Mobley
- Lauren Gonzalez
- Rachel Segura
- Grace Caslavka
- Denise Lua
- Terri Phonharath
- Nicole Kramer
- Tom Gregory
- Carolyn Ray
- Christine Kitajima
- Joana Godoy
- Berenice Murillo
- Sydney Burke
- Michelle Carls
- Jaime Tran
- James Martinez
- Huguette Albrecht
- Genevieve Vasquez
- Kim Love
- Abby Lopez
- Carrie Dahlhouser
- Janna Le Blanc
- Julisa Garcia
- Victor Hill
- Aimee Anaya
- Valerie Thomas
- Kennedy Webb
- Jeremiah Farr
- Lucila Rojo
- Natalie This
- Oswaldo Osuna
- Trudi Loder

Welcome, New Faculty

Please join us in welcoming new faculty members to BCOE.



Igor Spasojevic

Assistant Professor, ECE

Research focus:
Robotics and
autonomous systems



Fatemeh Asgarinejad

Assistant Teaching
Professor, ECE

Research focus:
CS and EE education,
machine learning



Howard Salis

Professor, CEE

Research focus:
Synthetic biological
systems



Arameh Masoumi

Assistant Teaching
Professor, BIEN

Research focus:
Biomaterials and
bio applications

Welcome, New Faculty

Computer Science and Engineering



Bingyao Li

Assistant Professor

Research focus: Advanced computer architecture and high-performance computing



Jay Lim

Assistant Professor

Research focus: Programming languages, systems, and numerics



Zhouxing Shi

Assistant Professor

Research focus: Trustworthy machine learning and reliable AI models



Weizi Li

Assistant Teaching Professor

Research focus: Multi-agent simulation and machine learning

Welcome, New Faculty

Mechanical Engineering



Kavan Hazeli

Professor

Research focus:
Optimizing multifunctional materials, additive manufacturing techniques



Eunjeong Hyeon

Assistant Professor

Research focus:
Advanced decision-making & automation techniques for transportation systems



Salvador Mayoral

Associate Teaching Professor

Research focus:
Aeroacoustics & ground effect aerodynamics



Ahmad Mohammadpanah

Assistant Teaching Professor

Research focus:
Dynamics, spherical parallel robots, generative design

Congratulations!

Congratulations to our NSF CAREER Award recipients for their outstanding achievement and commitment to advancing innovative research and education.



Qian Zhang

NSF CAREER Awardee

Computer Science & Engineering



Mingyu Cai

NSF CAREER Awardee

Mechanical Engineering



Ruoqian Lin

NSF CAREER Awardee

Mechanical Engineering

Congratulations!

Honoring your achievements and leadership.

ACM
Distinguished Member

Emiliano De Cristofaro

Computer Science and Engineering, Professor



IEEE Fellow

Trent Jaeger

Computer Science and Engineering, Professor



ASME Fellow, NAI Fellow, RSC Fellow

Cengiz Ozkan

Mechanical Engineering, Professor



NAI Fellow

Matt Barth

Electrical & Computer Engineering, Distinguished Professor



Congratulations, New Retirees!

Thank you for your outstanding service, leadership, and lasting impact on BCOE and UCR.



Marek Chrobak

Computer Science and Engineering, Professor



Eamonn Keogh

Computer Science and Engineering, Distinguished Professor



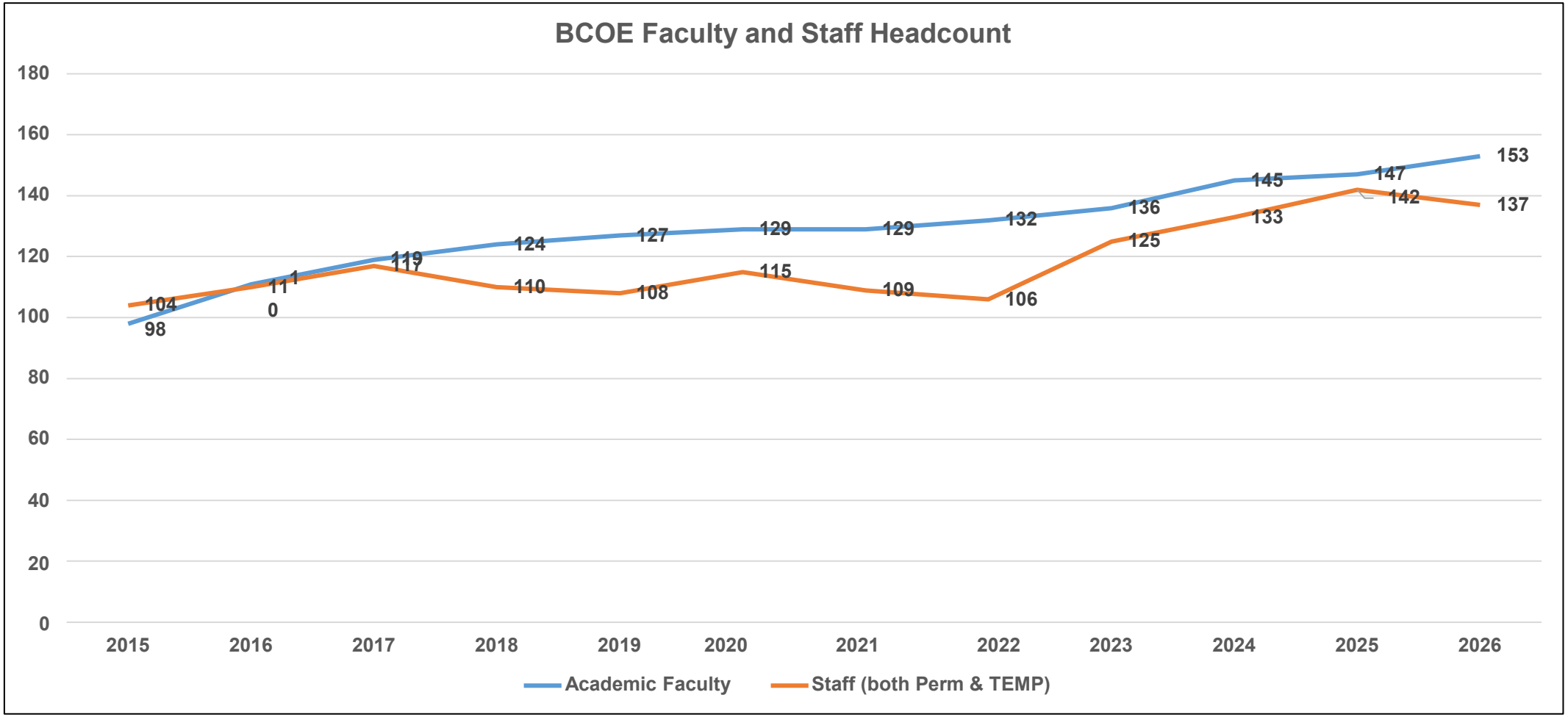
Reza Abbaschian

Mechanical Engineering, Distinguished Professor

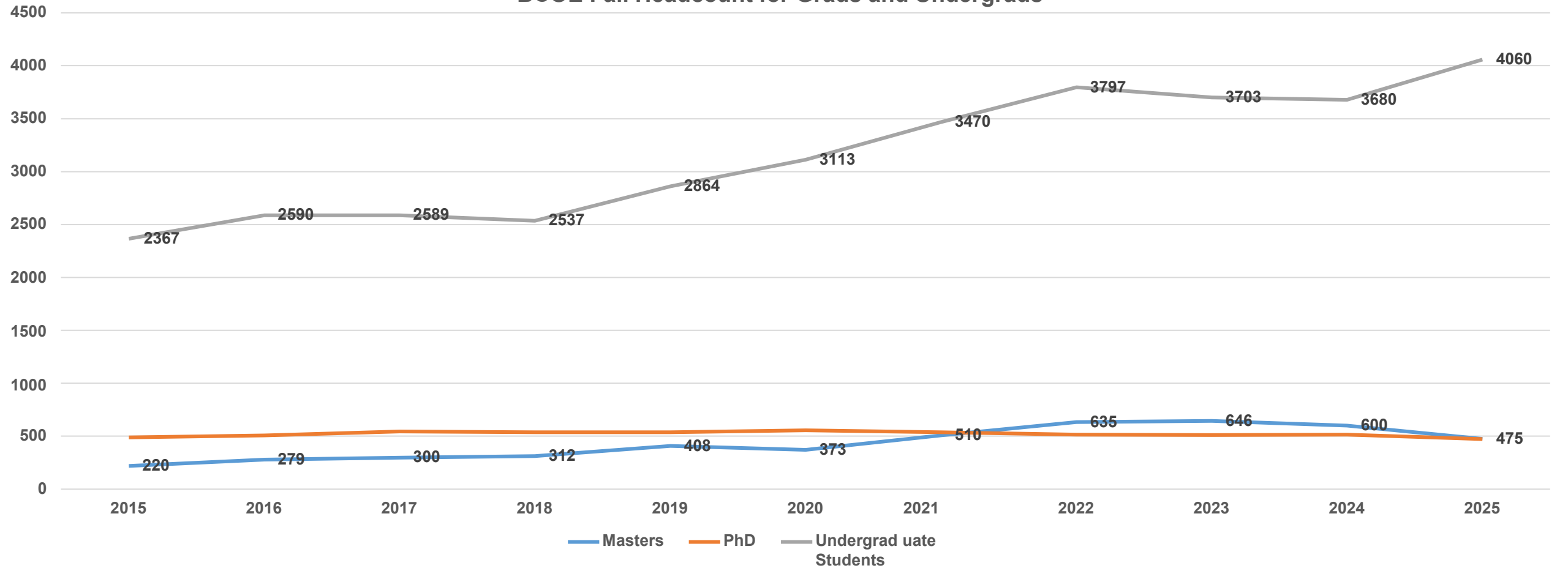


By the Numbers

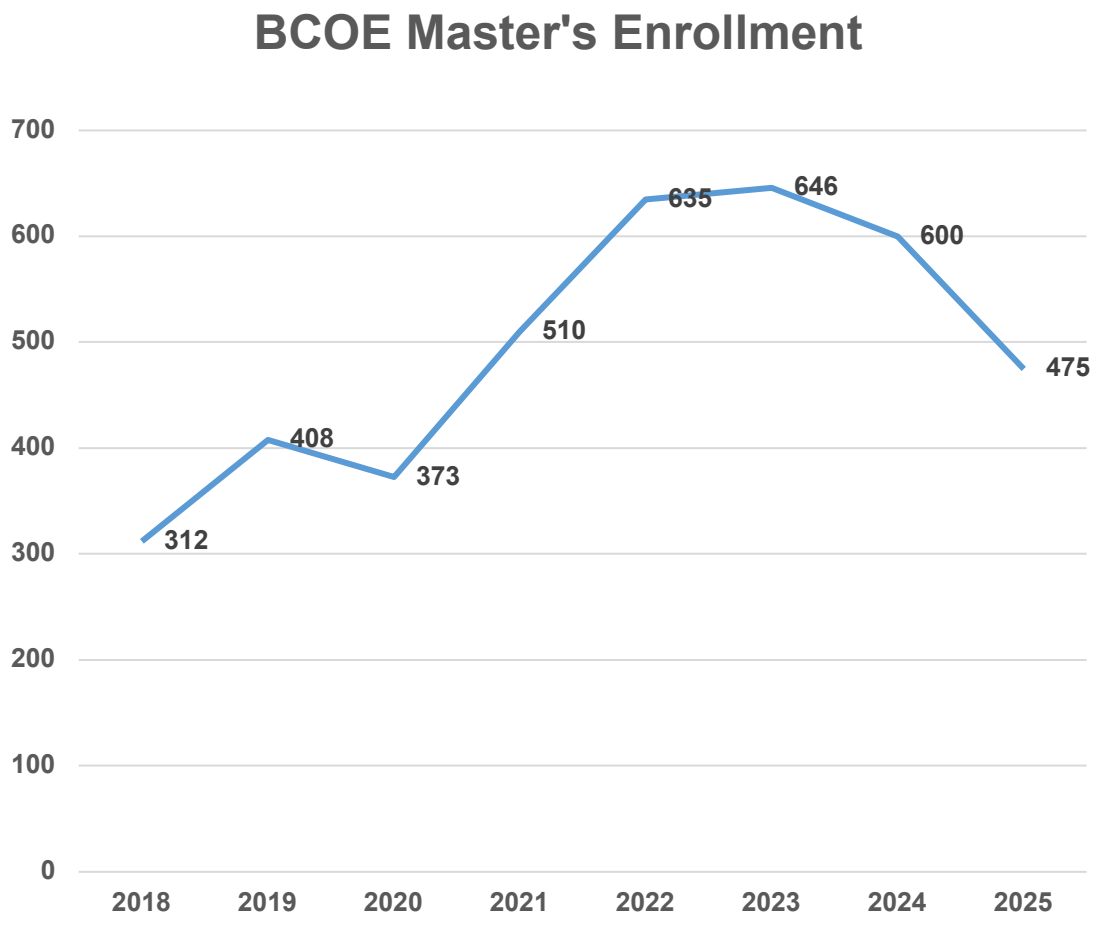
Faculty and Staff

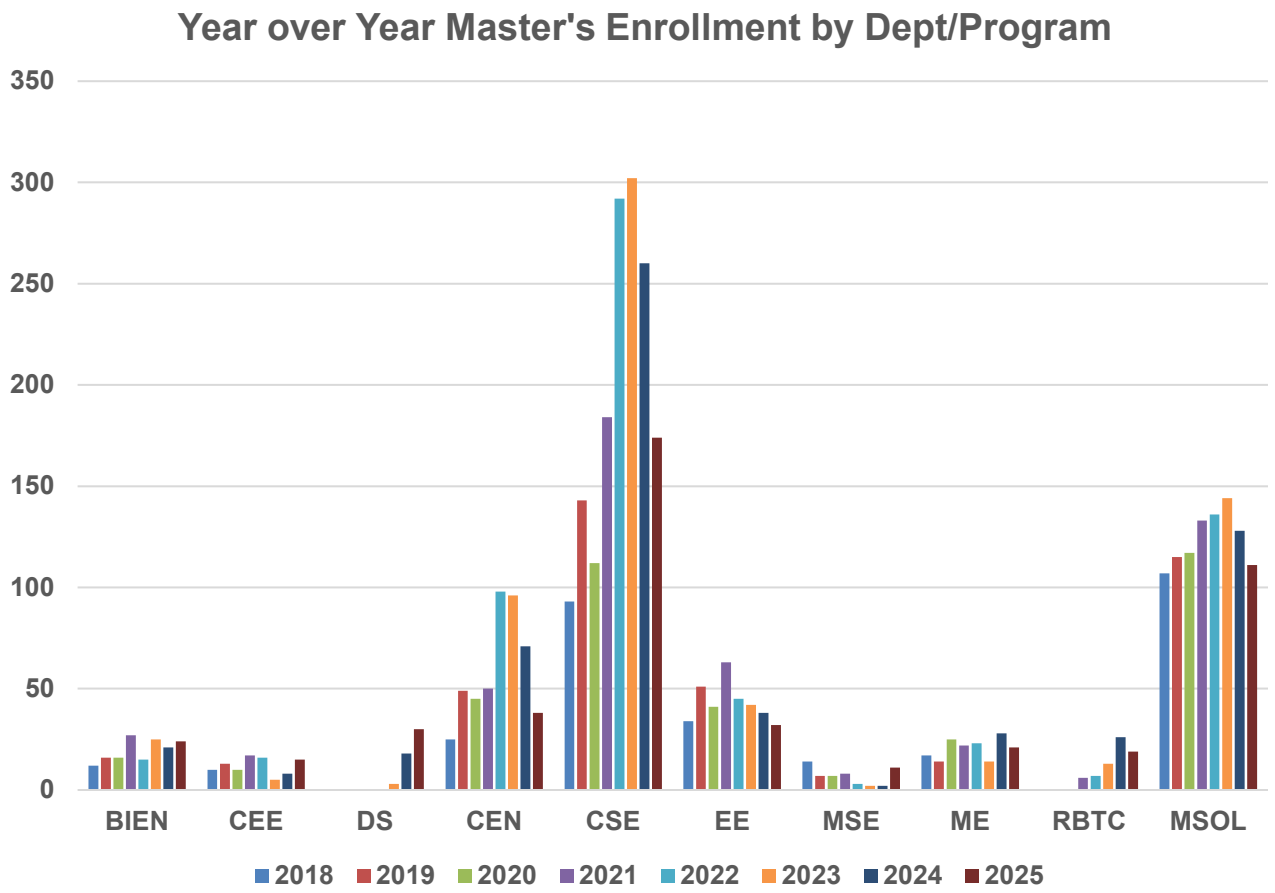


Growth of MS, PhD, and UG in BCOE

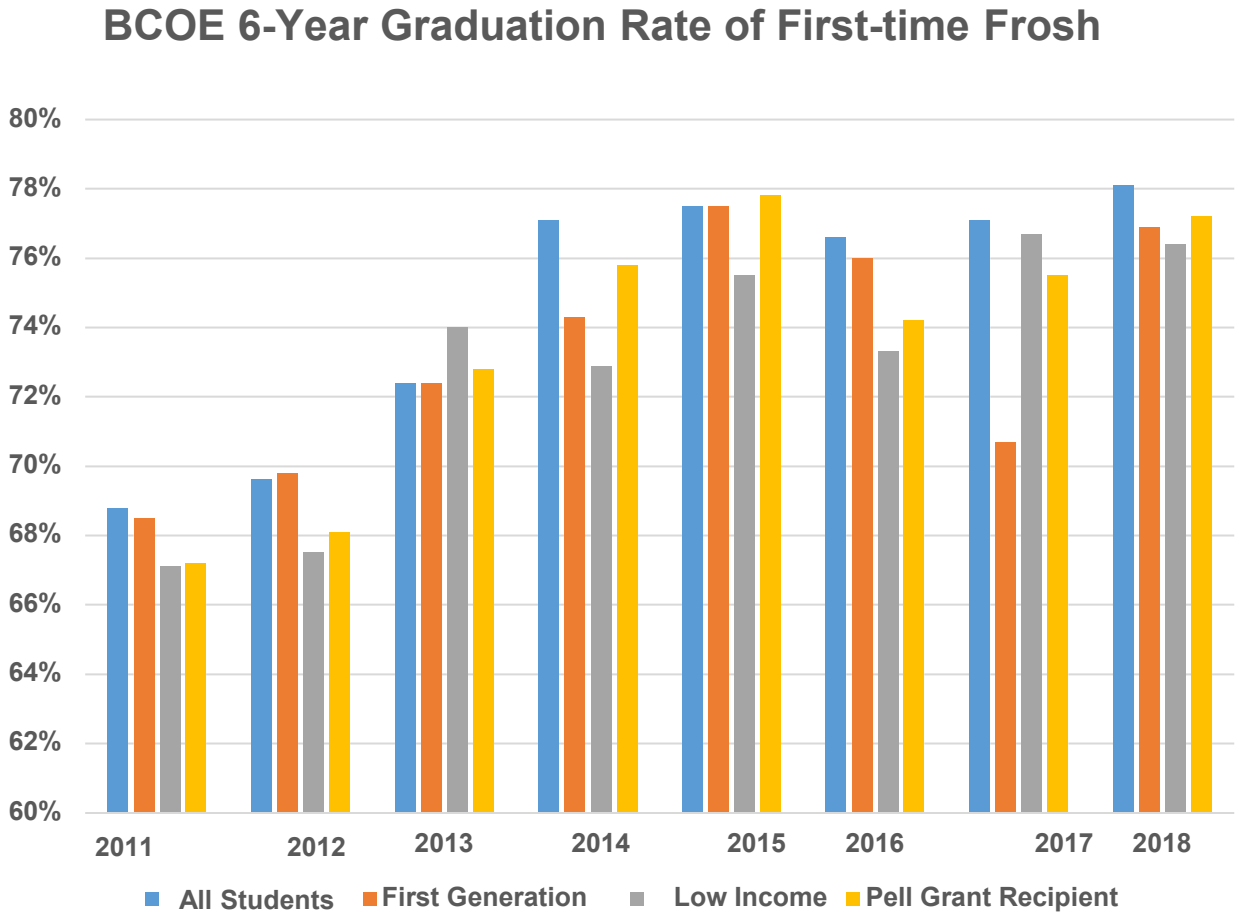


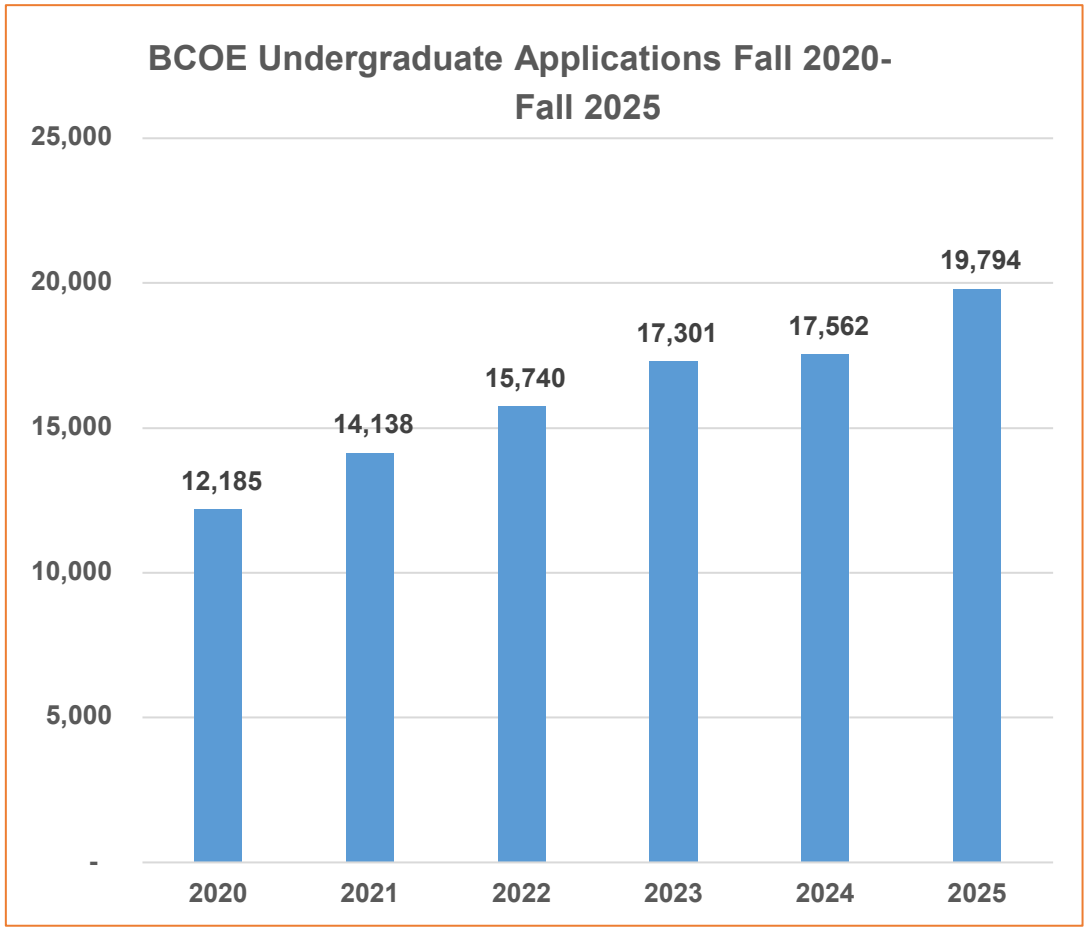
MS Enrollment





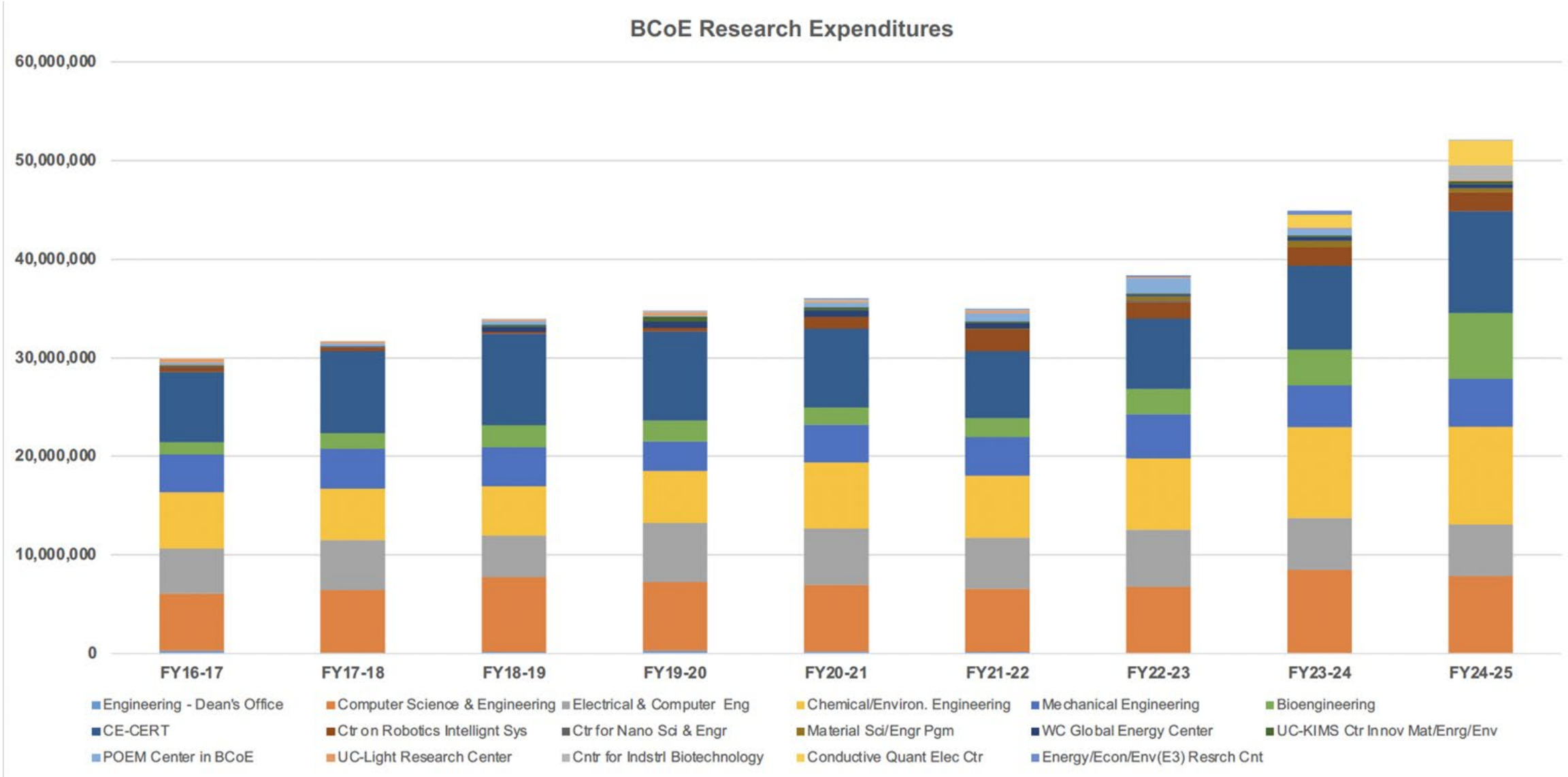
Undergraduates





Research

BCOE Research Awards



P.h.D Fellowships

Ph.D. Program	FY20 Accepts	FY21 Accepts	FY22 Accepts	FY23 Accepts	FY24 Accepts	FY25 Accepts	FY26 Accepts*
BIEN	14	7	7	8	13	12	7
CEE	12	13	11	11	28	16	10
CSE	23	31	27	36	62	24	27
ECE	17	18	20	26	20	18	9
ME	11	5	7	11	16	16	10
MSE	10	7	4	14	7	5	5
	87	**81**	**76**	**106**	**146**	**91**	**68**

*** Accepts as of May 11, 2026**

Hot Topics

DoD Center of Excellence Advances AI, Cybersecurity, and Communications Research

Launch
Department of Defense (DoD) Center of Excellence launched Oct. 1 as Phase II of the NC4 initiative.

Funding
Army Research Office (ARO) AASHI grant: $8 million over four years

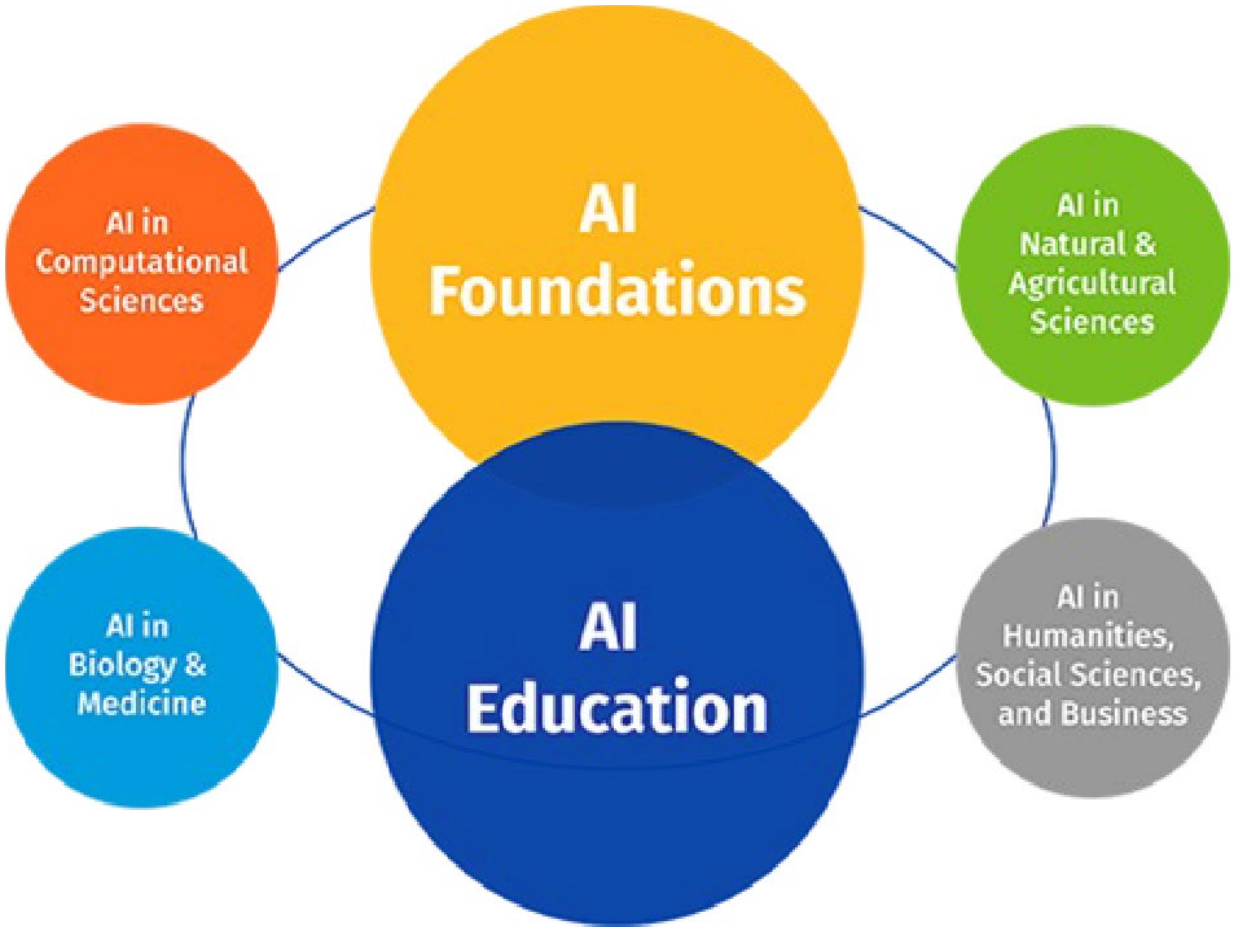
Collaboration
- 9 faculty from UC Riverside's Computer Science and Engineering (CSE) and Electrical and Computer Engineering (ECE) departments
- 2 faculty collaborators from UC San Diego

Student Impact
The center is expected to support graduate and undergraduate students through hands-on research experiences at the intersection of Artificial intelligence (AI), Cybersecurity, and Communications systems

Leadership
- Co-Directors
  - Amit Roy-Chowdhury
  - Srikanth Krishnamurthy
- Participating Faculty
  - Zhiyun Qian
  - Emiliano De Cristofaro
  - Michalis Faloutsos
  - Zhaowei Tan
  - Basak Guler
  - Yingbo Hua
  - Hang Qiu



AASHI



Hot Topics

UC Riverside Artificial Intelligence ReSearch and Education Institute (RAISE@UCR)

RAISE@UCR was officially founded in July 2024 with co-directors Amit Roy-Chowdhury and Vassilis Tsotras.

A primary goal of RAISE is to help UCR and BCOE become more competitive in securing large, multi-sector federal grants by fostering partnerships across departments and colleges.



Hot Topics

UCR and NAVSEA Corona Sign MOU

On May 8, 2026 UCR and BCOE signed a 5-year agreement Research and Educational Agreement with NAVSEA.

This EPA is designed to boost STEM education and develop the next generation of Navy scientist and engineers.







Hot Topics

CE-CERT ‘25-26 Fiscal Year Highlights

- Launched landmark study on ship emissions
- Awarded $1.1m to Advance Zero-Emission truck and bus research
- Launched the Hydrogen Engine Alliance of North America with the University of Michigan
- Expanded the network to 10 stations in CA under the CARBTest Referee Program
- B3 Team launched a new Pilot Demonstration Unit for CELF Biomass processing



Undergraduate Education

National Rankings and Recognition

BCOE continues to earn national recognition for research excellence, student success, and innovation. These rankings highlight BCOE's growing leadership in engineering and computing while reinforcing UCR's commitment to access, impact, and academic achievement.

#1

for social mobility in the United States

U.S. News & World Report, 2021–2026

#5

top Computer Science institution globally for high-performance computing

CSRankings.org, 2026

Top 36

best public graduate engineering schools

U.S. News Best Graduate Schools, 2026

#33

Best Value among public universities

The Princeton Review, 2026

Student Scholarships

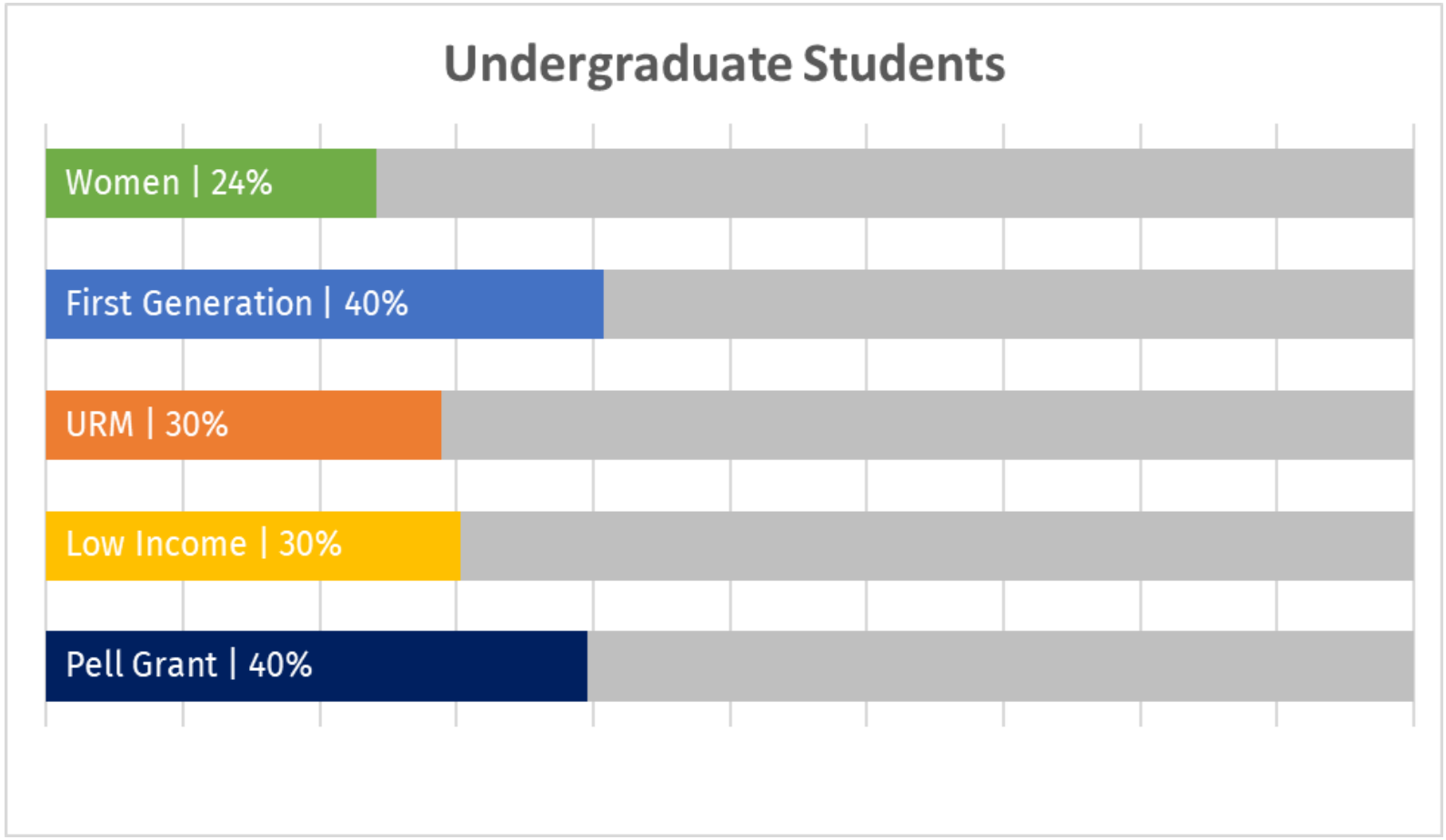
33 Undergrad Students were awarded scholarships totaling $49,500

- Alexander Scott Bilderback Endowed Bioengineering Scholarship
- Allen V Tran Engineering Scholarship Bourns Endowed Engineering Scholarship Babbage Endowed Scholarship
- Dimitrios Morikis Bioengineering Scholarship Frederick E. Gartske Memorial Endowed Scholarship
- Engineering Undergraduate Scholarship
- Dr. Thomas Payne Endowed Student Award in Computer Science
- Krieger & Steward, Incorporated Scholarship
- Robert and Marilyn Masuoka Family Mechanical Engineering Scholarship
- BCOE Alumni Scholarship
- BCOE Faculty Undergraduate Scholarship Engineers for Good Scholarship
- Cathleen and Sam Konyn Student Project Award



UCR Marlan and Rosemary Bourns College of Engineering

Student Demographics





Student Success Initiatives

01 **Professional Development Opportunities**
12 Company Site Tours with over 230 students (SoCal Edison, Panasonic Avionics, Microsoft, Karma Automotive, Applied Medical, DreamWorks, and more)

02 **IGNITE Conference**
138 student participants (37 lower division; 101 upper division)

03 **Undergraduate Research**
45 BCOE students weekly summer workshops
168 one-on-one meetings with research focused students

04 **R'STEM Events**
925 attendees at Resource Fair
349 attendees at Find Your Research Match

05 **Student Spaces**
Transfer Center 9,142 visits (to date)
Student Professional Organization Center 2,184 visits (to date)

06 **Community Building Events**
Socials 230+, Trainings for student organization leaders 230

Student Activities



SHPE Solar Boat Competition
Won five trophies: 3rd place overall in the Cup Championship, Best Presentation, Best Video, the Judges Award, and the regatta's Grit & Gumption Award



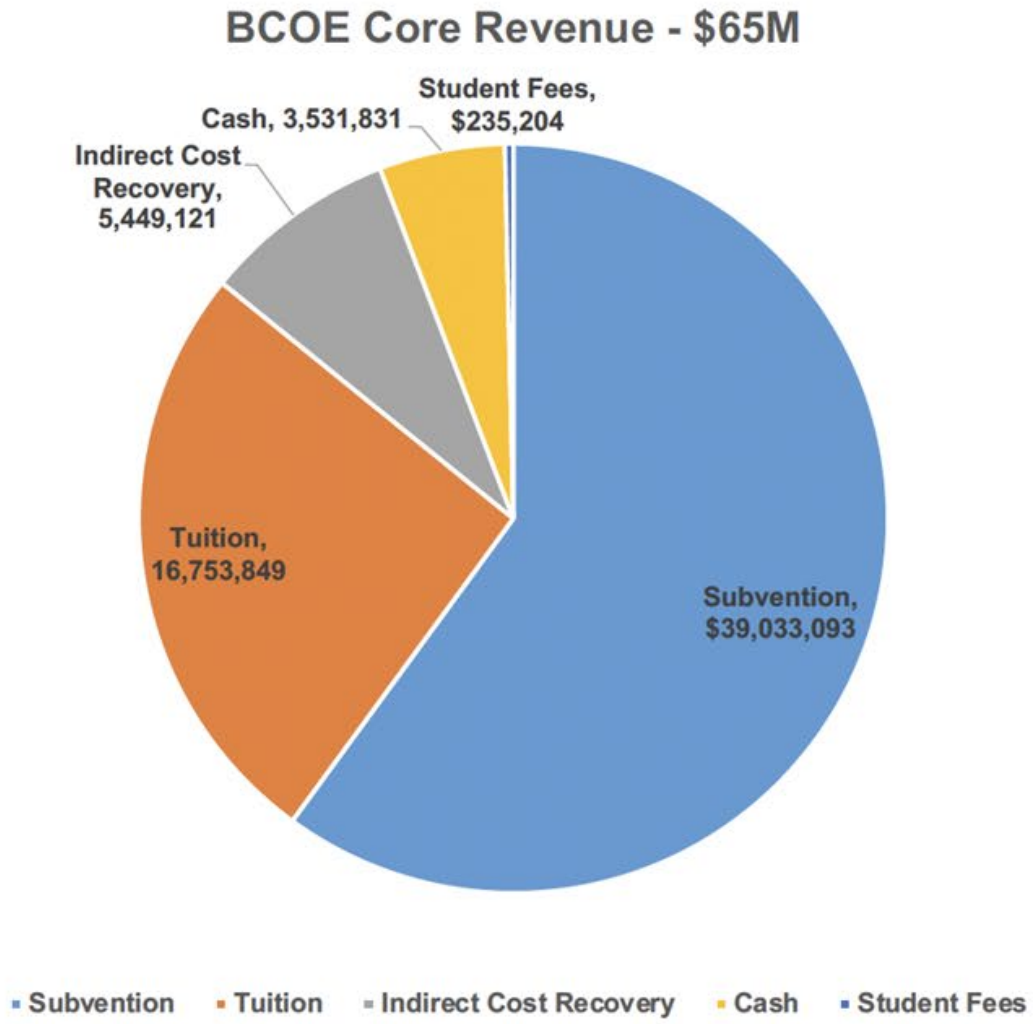
Company Tours
12 overall company tours this year in collaboration with student organizations

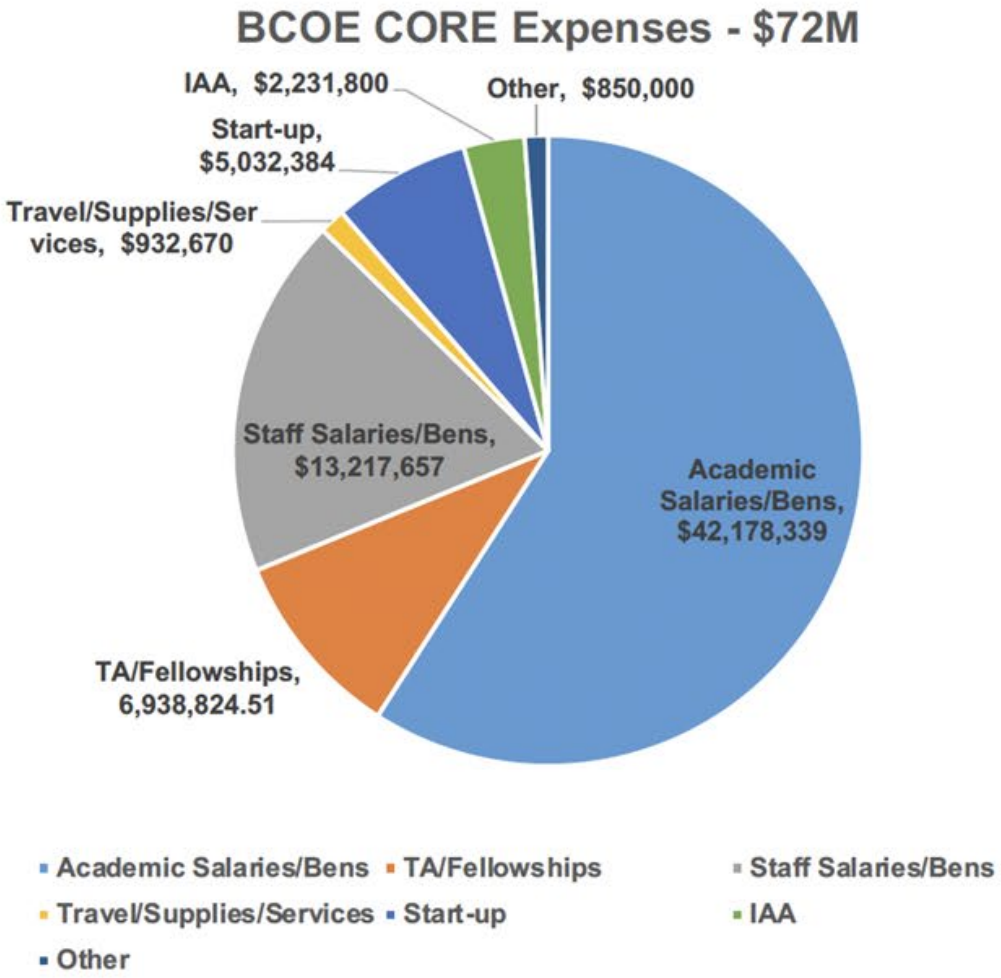


IGNITE Student Professional Conference
Speakers from Boeing, Northrop Grumman, Amazon, Pinterest & more

Financial Updates

FY2026 Budget & Expenses





Development





- Raised $138,000 for the Dean's Innovation Fund Match Challenge to support BCOE Student Orgs
- $2.2M Commitment to Advance CE-CERT Research
- Secured first philanthropic gift to support Artificial Intelligence (RAISE) - $250,000
- Engaged inaugural "Distinguished Visionary" - Alumnus Ryan Reid, President at Boeing Satellite Systems

Looking Ahead

Revenue Generation
- Expand corporate sponsorships and philanthropy
- Grow nonresident and master's enrollment

OASIS
- Collaboration with RED, CARB, CE-CERT, and partners
- Preparing for move-in

CDI Building
- Computer Science and Data Science Instruction Building
- Expanding computing education capacity

Shifting Environment
- Federal and state policy impacts
- Changing visa requirements




Thank You
UCR
Marlan and Rosemary Bourns
College of Engineering