

# New Faculty Orientation

October 15, 2025



# 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.

# Welcome, New Faculty

## Computer Science & Engineering

Bingyao Li

**Assistant Professor**

Research focus: Advanced computer architecture & high-performance computing



Jay Lim

**Assistant Professor**

Research focus: Programming languages, systems, & numerics



Zhouxing Shi

**Assistant Professor**

Research focus: Trustworthy machine learning & 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





# Welcome, New Faculty

Igor  
Spasojevic  
Assistant Professor,  
ECE

Research focus: Robotics,  
trajectory optimization &  
state estimation for Micro  
Aerial Vehicles



Fatemeh  
Asgarinejad  
Assistant Teaching  
Professor, ECE

Research focus: CS & EE  
Education, Machine Learning  
Applications



Howard  
Salis  
Professor, CEE

Research focus: Design  
methods for engineering  
synthetic biological systems



Arameh  
Masoumi  
Assistant Teaching  
Professor, BIEN

Research focus: Polymer  
synthesis and characterization,  
biomaterials for bio applications





## Speaker Agenda

- Graduate Education & Research
- Undergraduate Education
- Computing and Technical Support
- Finance and Business Operations
- Marketing/Websites/Communications
- Contracts and Grants
- Academic Personnel
- Q & A
- Panelist Session & Lunch

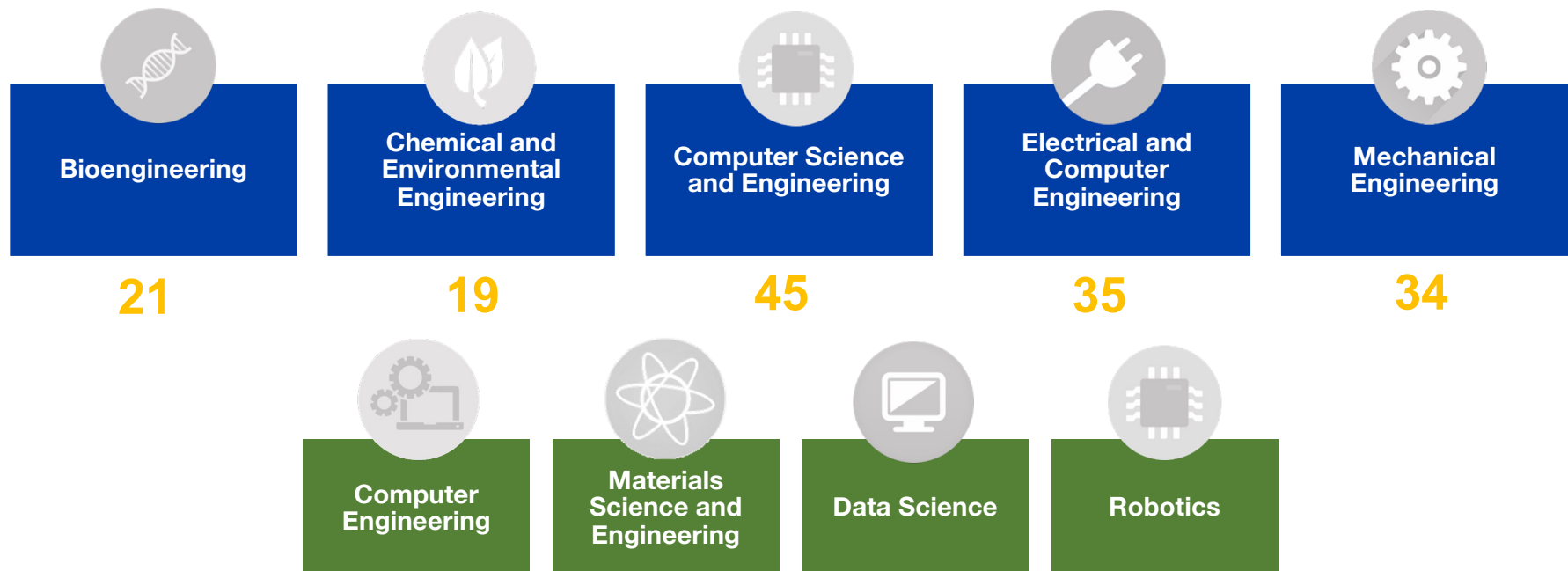




## Goal: Get Connected to BCOE

- Meet colleagues who can facilitate your success
- Learn how their group can help you succeed
- Know who is in each group and what their role is
- Get tidbits of advice to make things as easy as possible

# Departments & Programs



**BS Programs ABET Accredited through 2031**



# Research Centers & Facilities

- Center for Environmental Research and Technology (CE-CERT)
- Winston Chung Global Energy Center (WCGEC)
- Center for Robotics and Intelligent Systems (CRIS)
- Center for Ubiquitous Communication by Light (UC-LIGHT)
- Center for Networked Configurable Command, Control and Communications for Rapid Situational Awareness (NC4)
- Center for Industrial Biotechnology (CIB)
- Center for Advanced Neuroimaging (UCR-CAN)
- Center for Research and Education in Cyber Security and Privacy (CRESP)
- Energy, Economics, and Environment Research Center (E3)
- Center of Innovative Materials for Energy and Environment (UC-KIMS)
- Center for Superconductive Quantum Electronics (CSQE)





# Distinguished Faculty

**75+**

Fellows of  
Professional Societies

---

**59**

NSF CAREER Awards  
Since 1997

---

**6**

National Academy of  
Inventors

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## 2025 NSF CAREER Award Winners



Amey Bhangale,  
Assistant Professor  
Computer Science



Silas Richelson,  
Associate Professor  
Computer Science



Yaofa Li,  
Assistant Professor  
Mechanical Engineering





## 2024 NSF CAREER Award Winners



Ioannis Karamouzas,  
Associate Professor  
Computer Science



Elaheh Sadredini,  
Assistant Professor  
Computer Science



Yan Gu,  
Associate Professor  
Computer Science



## 2024 NSF CAREER Award Winners



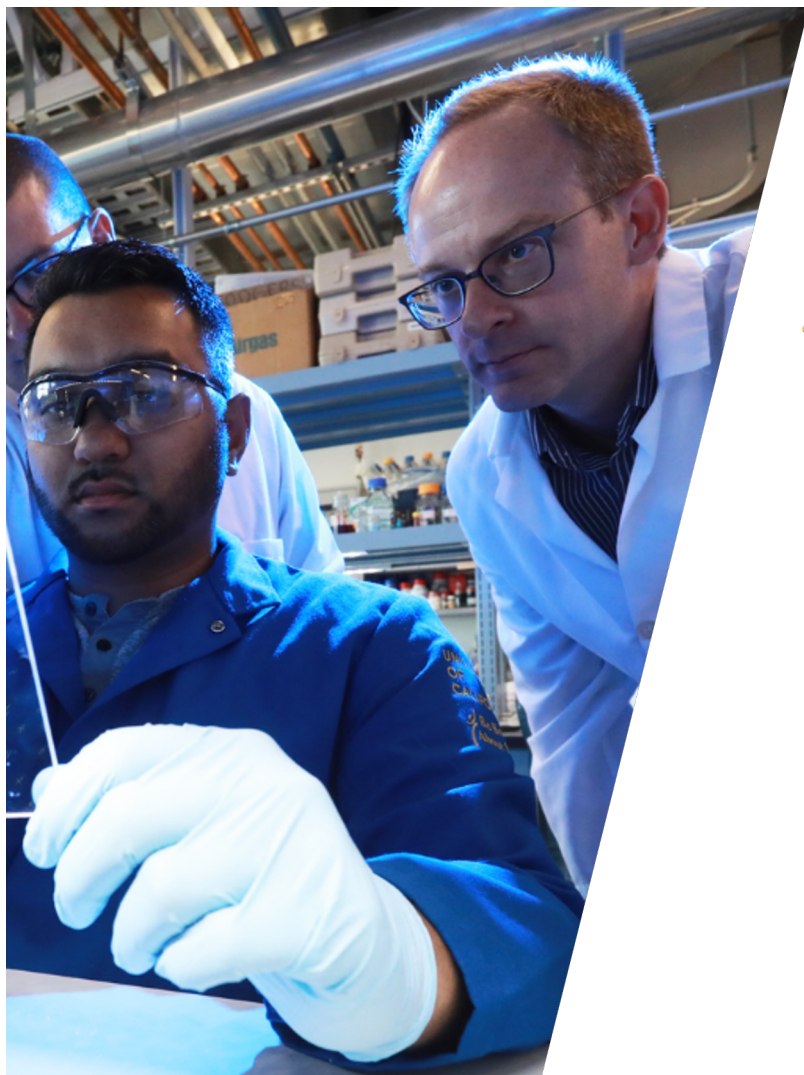
Jun Sheng,  
Assistant Professor  
**Mechanical  
Engineering**



Ran Cheng,  
Associate Professor  
**Electrical & Computer  
Engineering**



Juhong Chen,  
Assistant Professor  
**Bioengineering**



## Major Awards to Junior Faculty



**\$1 M**

M. Salman Asif,  
Associate Professor



**\$300K**

Jiachen Li,  
Assistant Professor



**\$300K**

Ahmed Eldawy,  
Associate Professor



**\$400K**

Ming Liu,  
Associate Professor



**\$2M**

Mingxun Wang,  
Assistant Professor



**\$470K**

Hang Qiu,  
Assistant Professor





## BCOE Rankings

A UNIVERSITY AND COLLEGE ON THE RISE

**Top 60**

U.S. public research  
engineering colleges  
U.S. News & World Report, 2025

**No. 28**

Computer Science  
Institution  
U.S. csrankings.org, 2025

**No. 3**

Hispanic STEM  
graduates in the nation  
National Science Foundation, 2023

### BEST RETURN ON INVESTMENT

**Top 40**

Best Engineering Schools  
by Salary Potential  
Payscale.com, 2023

**No. 6**

Public Universities  
Making an Impact  
Princeton Review, 2024

**5 Stars**

Quality education,  
affordability & outcomes  
Money Magazine's Best Colleges, 2024



## UCR is on the Rise

UC Riverside recently became a member of the  
**Association of American Universities**



Association  
of American  
Universities

Inquiry · Innovation · Impact

# Welcome to BCOE!

Rajiv Gupta

Associate Dean for Academic Personnel

[rajivg@ucr.edu](mailto:rajivg@ucr.edu)

WCH 452/408



# BCOE Research and Graduate Education

**Matthew Barth**

Associate Dean, Research and Graduate Education



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College of Engineering

***Graduate Students are the engine of University Research***

## **Graduate Program Contacts:**

- **Department Chairs:**
  - Always willing to help
  - Often very busy
- **(Faculty) Graduate Advisors:**
  - Typically one advisor for admissions, one advisor for enrolled students; some departments have a single person for both
  - Work with chairs, college, and graduate division
- **Staff Advisors:**
  - In the trenches, they know all the graduate student operational details
  - Excellent first place to start

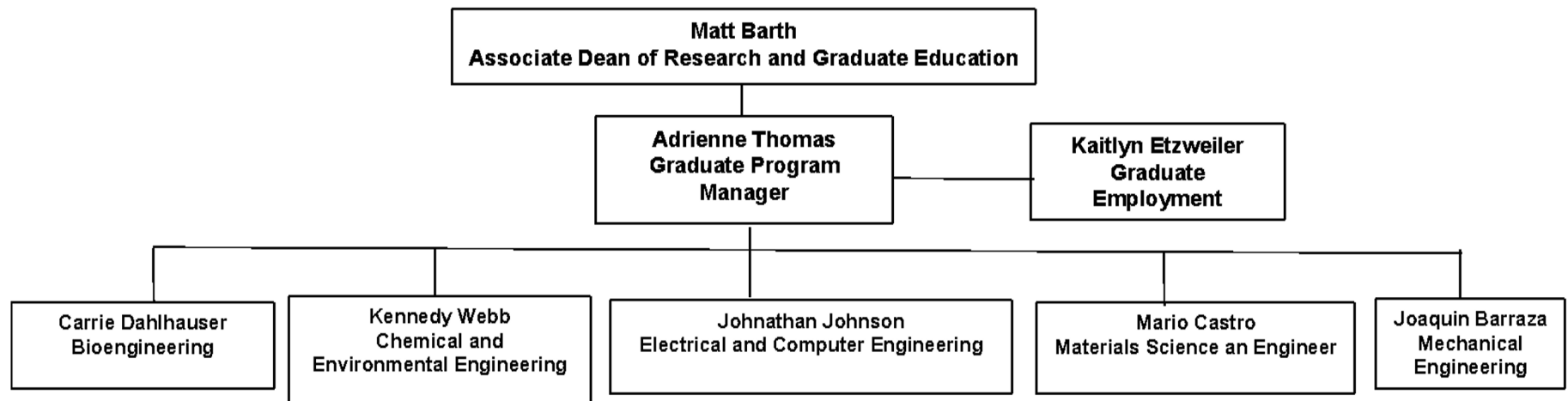
***Note that grad students are unionized, we need to follow specific procedures***

# Graduate Faculty and Staff Advisors (2025)

| Program                      | Faculty for Admissions | Faculty for enrolled students | Staff Advisor                              |
|------------------------------|------------------------|-------------------------------|--------------------------------------------|
| BioEngineering               | Iman Noshadi           | Hyle Park                     | Carrie Dahlhauser                          |
| Chemical & Environ. Eng.     | Georgios Karavalakis   | Yujie Men                     | Kennedy Webb                               |
| Computer Science & Eng.      | Zhiyun Qian            | Zhiyun Qian                   | Will Lee-Ladoceur (as of October 20, 2025) |
| Computer Engineering         | Hyoseung Kim           | Hyoseung Kim                  | Marlene Garcia                             |
| Electrical and Computer Eng. | Nanpeng Yu             | Wei Ren                       | Johnathan Johnson                          |
| Mechanical Engr.             | Bhargav Rallabandi     | Chen Li                       | Joaquin Barraza                            |
| Materials Science & Eng.     | Ruoxue Yan             | Richard Wilson                | Mario Castro                               |
| Robotics                     | Ioannis Karamouzas     | Ioannis Karamouzas            | Johnathan Johnson (Temporary)              |
| Computational Data Science   | Vassilis Tsotras       | Vassilis Tsotras              | Marlene Garcia                             |



# Graduate Student Success Team



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# Graduate Student Recruitment Timeline

- **Application Deadlines:** (see <https://graduate.ucr.edu/deadlines>)
  - January 5<sup>th</sup> for offers with financial aid
  - June 1<sup>st</sup> for domestic students (admission only)
  - June 1<sup>st</sup> for international applications (admission only)
- **Applications arrive centrally, sent to the departments**
  - Departments usually have spreadsheet of applicants
  - Departments carefully admit/reject, college then approves applications (note that fellowships will be limited in 2026)
- **Grad Student (with fellowships):**
  - Acceptance Deadline: ~April 15th
  - Grad students without fellowships: we are flexible with acceptance

Note that some independent grad students may be available right away

# Financial Aid for Ph.D. Admits

- **1<sup>st</sup> two quarters are typically covered by fellowship**
  - Faculty get don't incur costs for the first two quarters (new faculty get 3 quarters)
  - Third quarter is covered either by GSR or TA
  - Fellowship details are tailored by departments, depending on qualifications
  - Note that graduate fellowships can be used as grant cost share
  - In 2026, there will be fellowship allocation limits for each department (due to budget limitations)
- **TA-ship**
  - TA-ships are available to grad students on a quarter-by-quarter basis
  - These can be part of the grad student offers
  - Talk to the graduate staff advisors if you want your student to have a TA-ship
  - In 2026, TA-ships will be limited due to budget limitations
- **Other Fellowship Opportunity exist**
  - Grad division, BCoE, departments, external



# Research Proposals & Funding

- **Proposal Submission Process (Pre-Award)**

- College office provides support (BCOE C&G office):
- Huguette Albrecht [halbrecht@engr.ucr.edu](mailto:halbrecht@engr.ucr.edu), Brandon Reese [breesee@engr.ucr.edu](mailto:breesee@engr.ucr.edu), Aimee Anaya [aanaya@engr.ucr.edu](mailto:aanaya@engr.ucr.edu), Lucy Matsukawa ([lmats003@engr.ucr.edu](mailto:lmats003@engr.ucr.edu))
- CE-CERT and WCGEC: Lucila Rojo [lrojo@cert.ucr.edu](mailto:lrojo@cert.ucr.edu) ; Sara Connor [sconnor@cert.ucr.edu](mailto:sconnor@cert.ucr.edu)
- For large, multiple investigator grant proposals: Benjamin Stewart [bstewart@ucr.edu](mailto:bstewart@ucr.edu)

- **Office of Research and Economic Development (RED)**

- This office is solely authorized to submit and accept proposals/awards
- Tech Transfer Office
- Non-Disclosure Agreements (NDAs)

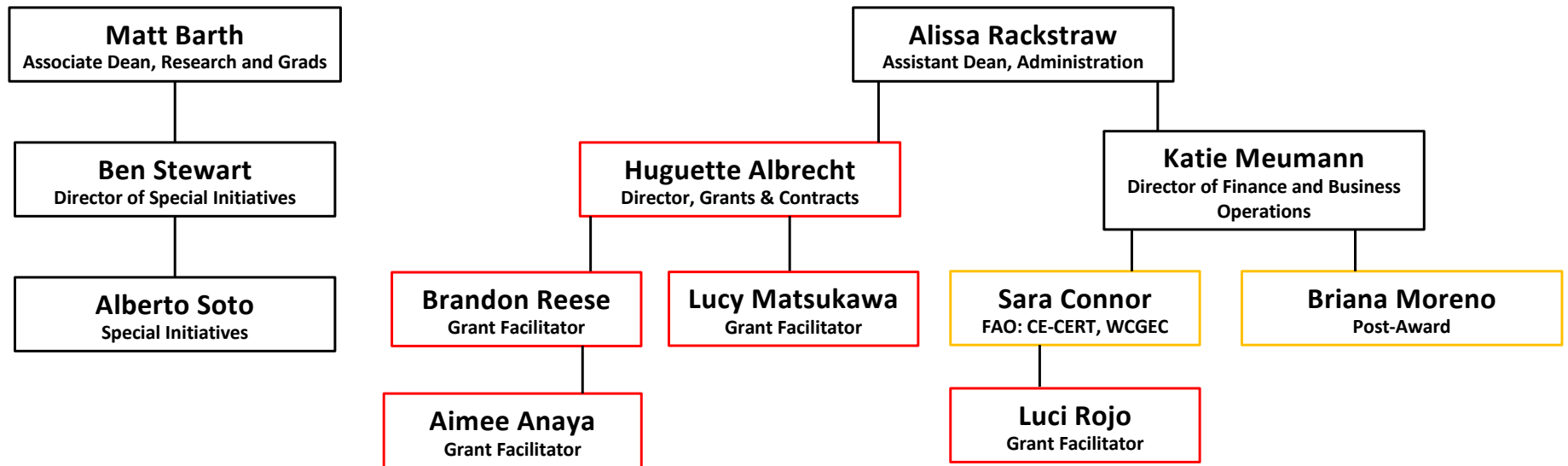
- **Post-Award:**

- Post-award administration is handled by your department's administrative cluster
- Expenditure tracking
- Staffing, payroll, travel, contract/grant reports, etc.



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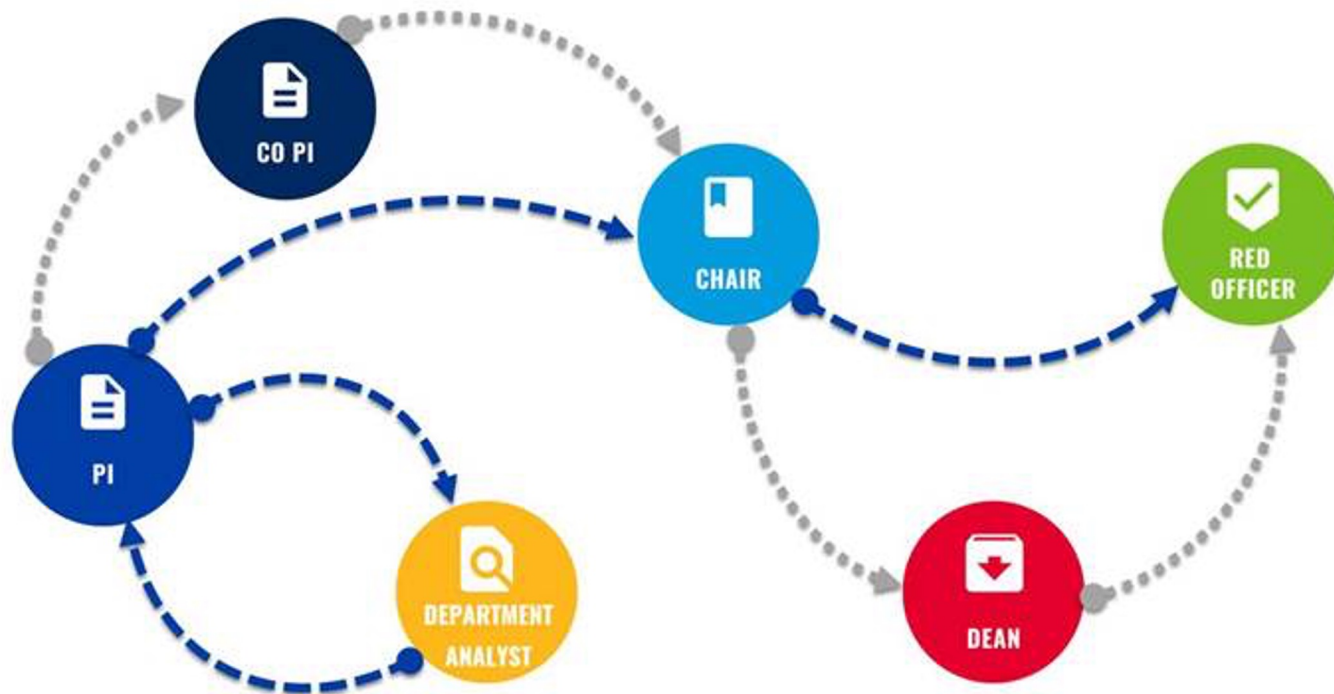
# Pre-Award Organizational Structure



*Primary Proposal Preparation*

*Secondary Proposal Preparation*

# Research Proposals Process (using Kualii)



# Cost Share

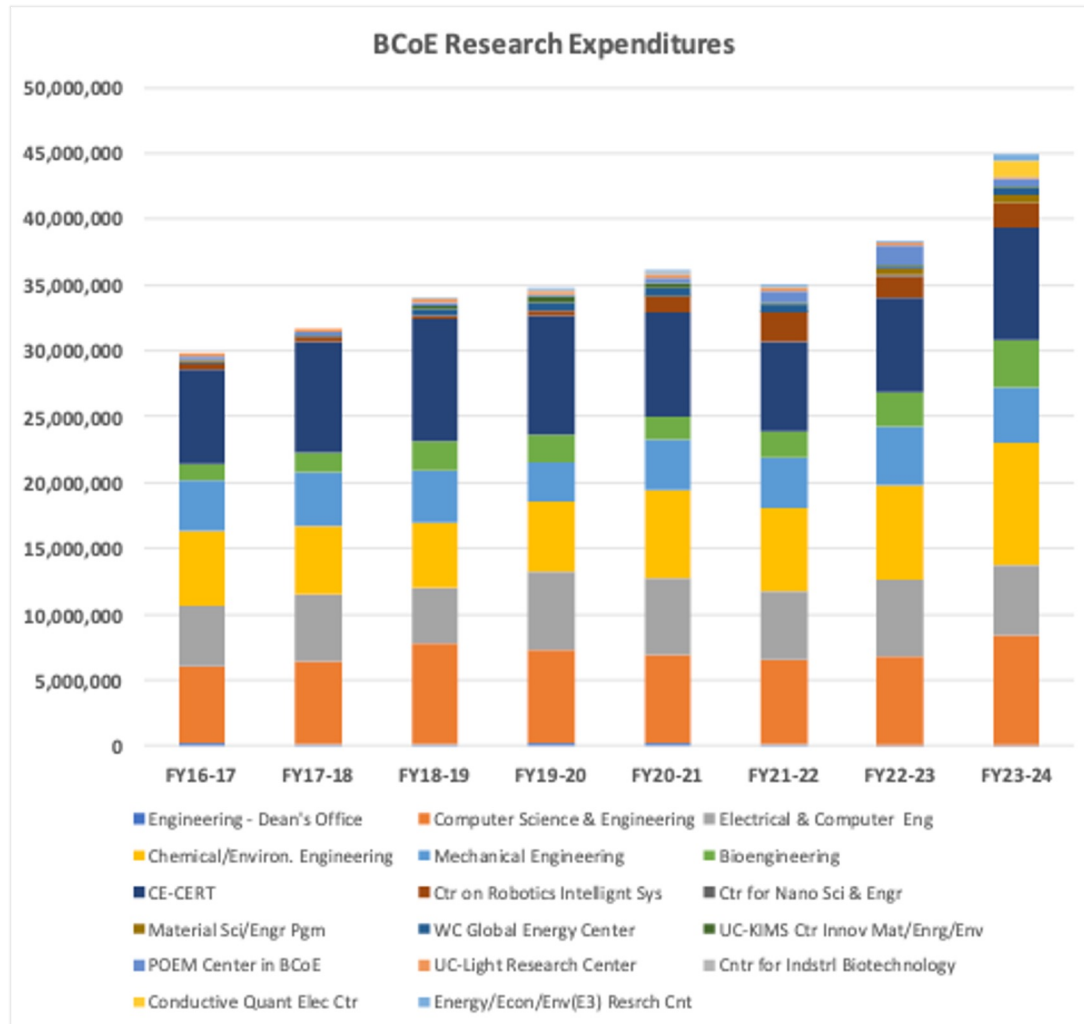
- BCoE has detailed cost share policies and procedures (see intranet)
  - Please share this with investigators that want to do cost-share
- All cost share letter requests need to get associate dean signature
- Cost share is tracked per investigator

# PI-by-Exception

- BCoE allows PI-by-exceptions
- Each proposed project needs to be approved by associate dean



# BCOE Research Expenditures



# **BCOE Research Centers**

*(all shapes and sizes)*

- **Center for Environmental Research and Technology (CE-CERT)**
- **Center for Industrial Biotechnology (CIB)**
- **Center for Networked Configurable Command, Control and Communications for Rapid Situational Awareness (NC4)**
- **Center for Robotics and Intelligent Systems (CRIS)**
- **Center for Research and Education in Cyber Security and Privacy (CRESP)**
- **Center for Ubiquitous Communication by Light (UC-LIGHT)**
- **Energy, Economics, and Environment Research Center (E3)**
- **Center for Data Science (CDS)**
- **Winston Chung Global Energy Center (WCGEC)**
- **Center of Innovative Materials for Energy and Environment (UC-KIMS)**
- **Center for Superconductive Quantum Electronics (CSQE)**

***Why Centers?: Resources, facilities, collaboration, name recognition, bigger awards, etc.***



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# Matthew Barth

Associate Dean, Research and Graduate Education

[barth@ucr.edu](mailto:barth@ucr.edu)

951-827-2992

WCH 454

CE-CERT 121



**Welcome to the**

**Marlan and Rosemary Bourns College  
of Engineering!**

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*We Engineer  
Excellence*



# Welcome New Faculty

**Huinan Hannah Liu**

Professor of Bioengineering, the Stem Cell Center, and the Materials Science and Engineering  
Associate Dean of Student Academic Affairs



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Advising (OSAA team)

Petitions  
Learning community  
Graduation planning  
Support students

## Office of Student Academic Advising (OSAA) Team



**Roderick Smith**  
Director



**Terri Phonharath**  
Asst. Director, DTSE



**Oswaldo Osuna**  
Enrollment



**Kimberly Wolf**  
Curriculum Planner



**Vicente Velazquez-Gamboa**  
Enrollment



**Malcolm Manuel**  
Mechanical Eng. & MSE



**Maletina Lolesio**  
Mechanical Eng.



**Michael Cruz**  
Comp Sci, CSBA,  
Compt. Engr



**Desmond Harvey**  
Chemical &  
Environmental  
Engineering



**Rachel Segura**  
Comp Sci, CSBA,  
Compt. Engr



**Cindy Aguilar**  
Bioengineering



**Joceyln Catano**  
Comp Sci, CSBA,  
Compt. Engr



**Grecia Alfaro**  
Comp Sci, CSBA,  
Compt. Engr



**Thomas McGraw**  
Electrical  
Engineering

# Office of Student Academic Affairs

**MISSION** – acting on behalf of the BCOE and its departments, the advising office *supports engineering students in achieving their full academic potential* by providing guidance and services which enhance students academic development.

**The first line of contact regarding  
academic concerns and opportunities!!!**

**REFER STUDENTS TO BCOE OFFICE OF STUDENT  
ACADEMIC AFFAIRS ON ALL ACADEMIC AND ENROLLMENT  
CONCERNS!!!!!!**

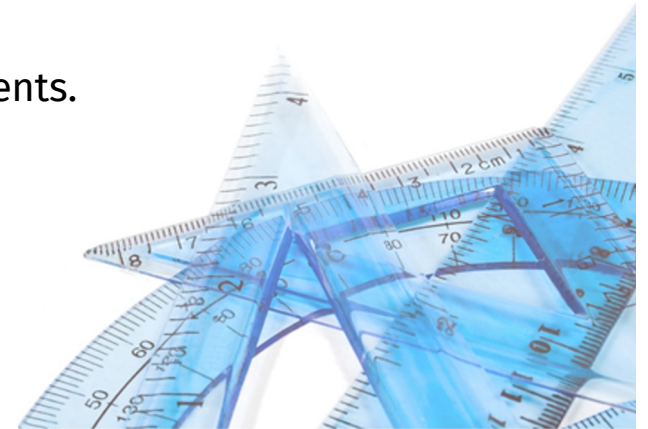
# Short list of what we do ....

## **Advise and Mentor**

We advise and mentor students on academic matters, support their success, academic and personal growth. We are generally the first line of contact regarding academic concerns.

## **Enforce Policy**

Uphold academic policies of the university, BCOE, and its departments, explain policies, communicate options to students.



# Things we do to support Departments and Faculty ....

**Course Scheduling**--Working with the Chairs, we develop the course schedule for all undergraduate programs.

|                                |                                |
|--------------------------------|--------------------------------|
| We<br>are<br>trustworthy.      | We<br>keep raising<br>the bar. |
| We<br>consistently<br>deliver. | We<br>succeed<br>together.     |

|                                |                                |
|--------------------------------|--------------------------------|
| We<br>are<br>trustworthy.      | We<br>keep raising<br>the bar. |
| We<br>consistently<br>deliver. | We<br>succeed<br>together.     |

**Enrollment Management**--We monitor enrollment ensuring compliance with policy; we manage concurrent enrollment, and all forms of adding and withdrawing from courses.

*Working together... We Engineer Excellence*



# Student Success Support

**BCOE Transfer Center  
Engineering Career Development  
Undergrad Research and Internships**



**Guadalupe Ruiz**  
Director of  
Student Success  
Center &  
Professional  
Development



**Fernanda Rojas**  
Professional  
Development  
Coordinator,  
Student Orgs.



**Mai Temraz**  
Student Success  
Coordinator,  
Undergrad Research  
Programs

Resume &  
Interview  
Skill  
Workshops

Career Info  
Session  
featuring  
Engineering  
Companies

Job  
Searching  
Techniques  
Workshop

Guest  
Speakers  
Panel

Visits &  
Tours at  
Engineering  
Companies

Graduate &  
Professional  
School Info  
Sessions

FE/EIT/PE  
Training  
& Info  
Sessions

STEM &  
Engineering  
/ Technical  
Career  
Fairs

And More!

<https://transfer.engr.ucr.edu/> - Engineering Transfer Student Center  
Students Orgs - <https://bcoelc.com/organizations>



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# Our Students

## Impact Factor vs. Impact

Always keep in mind:

- you are a role model
- you are a mentor
- likely the first person with advanced degrees that they interact
- you can make a difference in many lives

# Undergraduate Research – Invaluable for student.

What is there for you?

At the very least:

- needed assistance in the lab
- possible verified graduate student
- publications, visibility

# Undergraduate Research Programs



- NSF MacREU (e.g. MSE, ECE)
- NIH B2B
- NIH B2D
- NIH MARC U-STAR
- UC LEADS/MSRIP
- CAMP
- RISE
- CIRM RAMP & STRIDE
- HSI Summer Bridge
- UC-Mexico Program
- Medical Scholars Research Program
- Mini-grant for Undergraduate Researchers
- Chancellor's Research Fellowship
- NSF STEM Scholars

# Undergraduate Research – Invaluable for student.

What is there for BCOE?

Our recruitment tool: freshmen, transfer, GPP,  
international - what makes us different in their eyes.



# Involvement (Service)

With university: Undergraduate Journal, Mini Grants, Undergraduate Research Symposium, major scholarship application preparation (Fulbright, Goldwater,...)

With community: RUSD Science Fair – (mentoring, judging, presenting), MS/HS Science Project Mentoring, MS/HS Teachers in the lab... - very valuable activities and connections for your grants

# Outreach & Pathway Team: MESA Program



**Carlos Gonzalez**  
Director



**Vanessa Guzman**  
MESA Program  
Coordinator



**Ruth Arriaga**  
BCOE Outreach  
Coordinator

## MESA California Contact Information

<https://ucrmesa.weebly.com/>  
(participant site)

<https://mesa.engr.ucr.edu/>

<https://mesa.ucop.edu>  
(statewide program site)

Director: Carlos Gonzalez [carlosg@engr.ucr.edu](mailto:carlosg@engr.ucr.edu)

## Mission Statement (MESA California)

"MESA enables educationally disadvantaged students to prepare for and graduate from a four-year college or university with a math-based degree in areas such as engineering, the sciences, computer science, and mathematics..."

- Our Outreach/Connection with Local Schools
- (K-12 schools and community colleges)
- Engaging and enriching STEM opportunities for our region's underserved students...
- Serve 30+ Schools in Inland Empire (Riverside and SB county)
- Collaborate with other pre-college campus outreach units: Trio, Upward Bound, SOM pathway





# Thank You

America's Fastest Rising Ranked University



@UCRBCOE | #UCRBCOE





QUESTIONS?



CELEBRATING 30 YEARS  
Marlan and Rosemary Bourns  
College of Engineering



# BCOE Systems New Faculty Orientation



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# BCOE IT – Two teams working together

## BCOE Systems

**Direct support for BCOE except for CSE**

**Coordinated support with CSE Systems**

**Services (not an exhaustive list)**

- Administrative computing
- Research computing
- Technical troubleshooting
- File services
- Websites for departments, centers, and labs
  - <https://websites.engr.ucr.edu>

## CSE Systems

**Direct support for CSE**

**Coordinated support with BCOE Systems**

**Services (not an exhaustive list)**

- Administrative computing
- Research computing
- Technical troubleshooting
- File services



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# ENGR vs Campus Accounts

## ENGR Accounts

### Used for:

- BCOE Email Lists
- Logon to BCOE managed systems
- Card Access – Getting and granting access to BCOE spaces
- VPN – being assigned to the correct section of the campus VPN

## Campus Accounts (aka NetID)

### Used for:

- Email (R'Mail/Google)
- R'Space (and other campus apps found within)
- Wireless
- VPN



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# Systems Offices

## **BCOE Help Desk**

- <https://systems.engr.ucr.edu>
- Winston Chung Hall 107
- (951) 827-2236
- [bcoesystems@ucr.edu](mailto:bcoesystems@ucr.edu)

## **CSE Systems**

- Winston Chung Hall 105
- [csesystems@ucr.edu](mailto:csesystems@ucr.edu)

## **Tom Gregory (Director of IT, BCOE)**

- Winston Chung Hall 111
- (951) 827-2452
- [tgregory@ucr.edu](mailto:tgregory@ucr.edu)

## **Victor Hill (Manager of Technical Operations)**

- Winston Chung Hall 105
- [vhill@ucr.edu](mailto:vhill@ucr.edu)



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# Finance and Business Operations

New Faculty Orientation  
October 15, 2025

# Meet the Team

## Dean's Office



**Alissa Rackstraw**

Assistant Dean/CFAO, Finance and Administration



**Katie Meumann**

Director, Financial and Business Operations

## Department Financial & Administrative Officers (FAO)



**Robert Godoy**

Bioengineering & Chemical/Environmental Engineering



**Nicole Kramer**

Electrical and Computer Engineering & CRIS, E3, & CSQE



**Grace Caslavka**

Computer Science and Engineering & Computer Engineering Program



**Robert Godoy**

Mechanical Engineering, Material Science & Engineering & Masters Online





# Finance and Administration

- **Financial and Budgetary Support**
- **Post Award Administration**
- **Purchasing/Procurement**
- **Faculty Reimbursements**
- **Travel Administration**
- **Payroll/Personnel Actions**

For financial and administrative applications (Concur, Kual, UCPath, etc.), visit the Rspace portal: [rspaceportal.ucr.edu](https://rspaceportal.ucr.edu)

Each unit has specific members of the team who handle purchasing, travel, payroll, reporting, etc. These team members are part of BECCCEMM administrative cluster and the CSE/CEN team and they work together to support all of these areas. See slides 6 & 7 for details.



# Important Reminders

## Initial Complement Funds/Start-Up Package

- Managed by Dean's Office; reports come from your unit
- 6 years to spend
- Regular reporting (review and approve)

## Internal Allocation Accounts

- Managed by Dean's Office; reports come from your unit
- Established once you have faculty designated funds
  - Academic Year Faculty Salary Savings Allocations
  - Funds for BCOE Appointments including Chairs/Directors and Associate Deans
  - Allocations for Indirect Cost for Indirect Cost Return
  - Allocations for MSOL Incentives

## Financial and Business Processes (Travel, Purchasing, Reimbursements, etc.)

- Managed at the department level
- Schedule time to meet with Financial and Administrative Officer to understand UCR policies and procedures

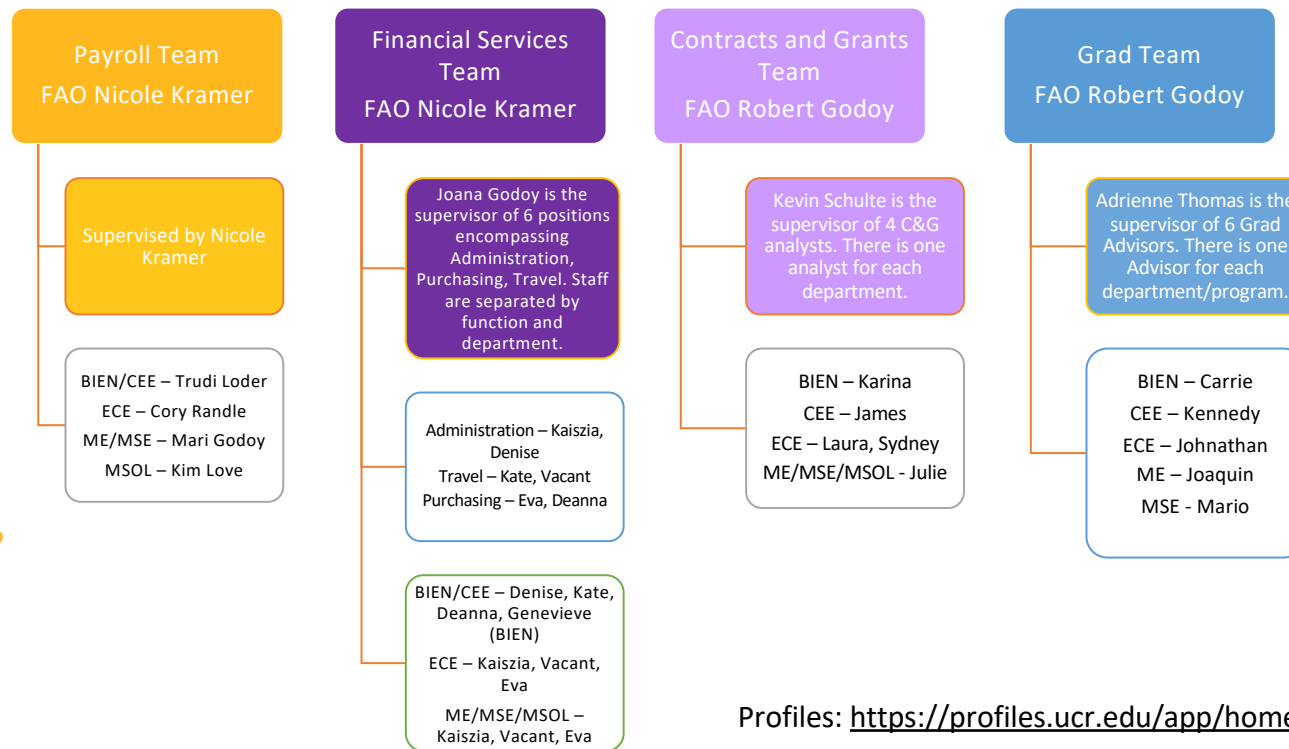
## Post Award Administration

- Managed at the department level
- Schedule time to meet with Contract and Grant Analyst to understand the process
- For complex or escalated issues, contact Katie Meumann in the Dean's Office

# Suggestions to Consider

- 01** Meet with your departmental staff to become familiar with UCR policies and procedures.
- 02** Don't hesitate to ask questions or raise concerns.
- 03** Be proactive with the administration of your financial resources.
- 04** Plan ahead and solicit support when needed, especially for travel and event. Remember purchases need lead time.

# How is the BECCEMM Center Organized

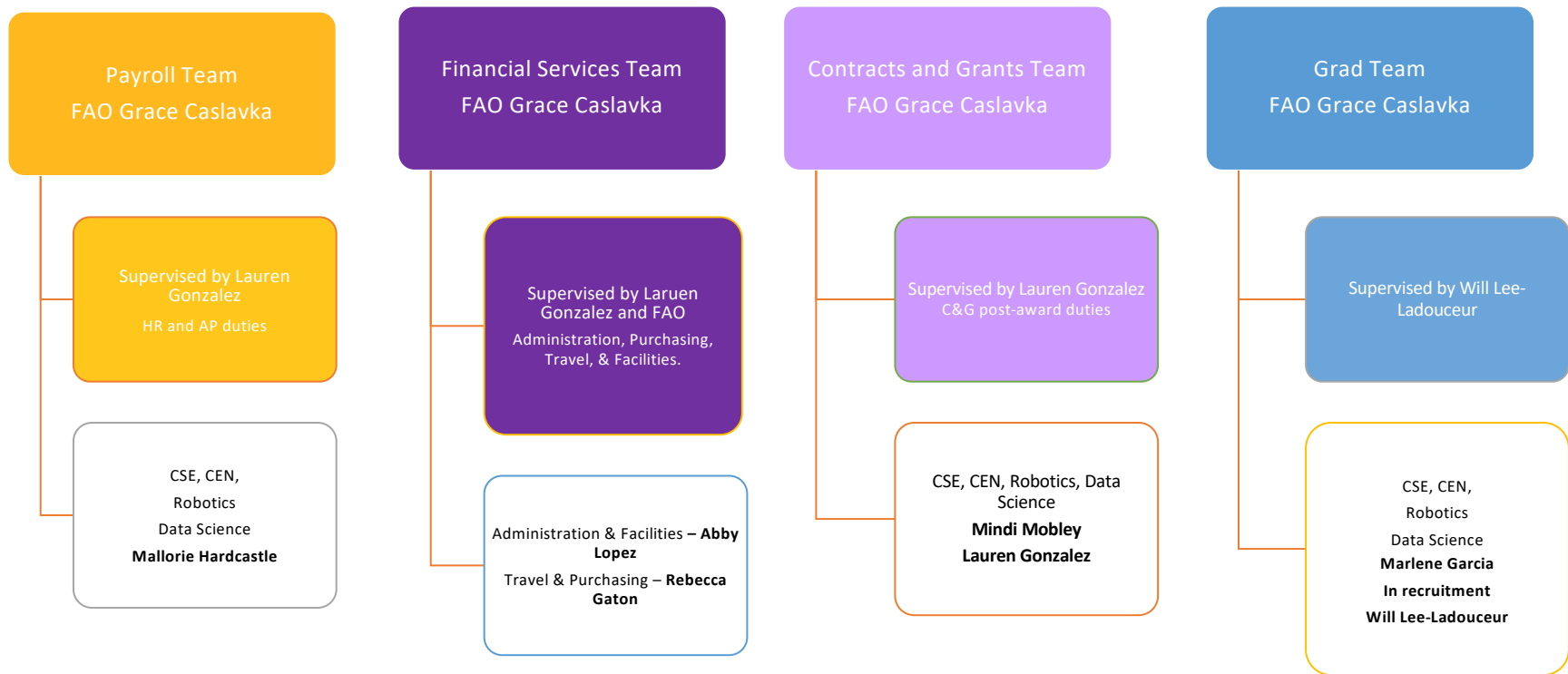


Profiles: <https://profiles.ucr.edu/app/home/groups/7834961>

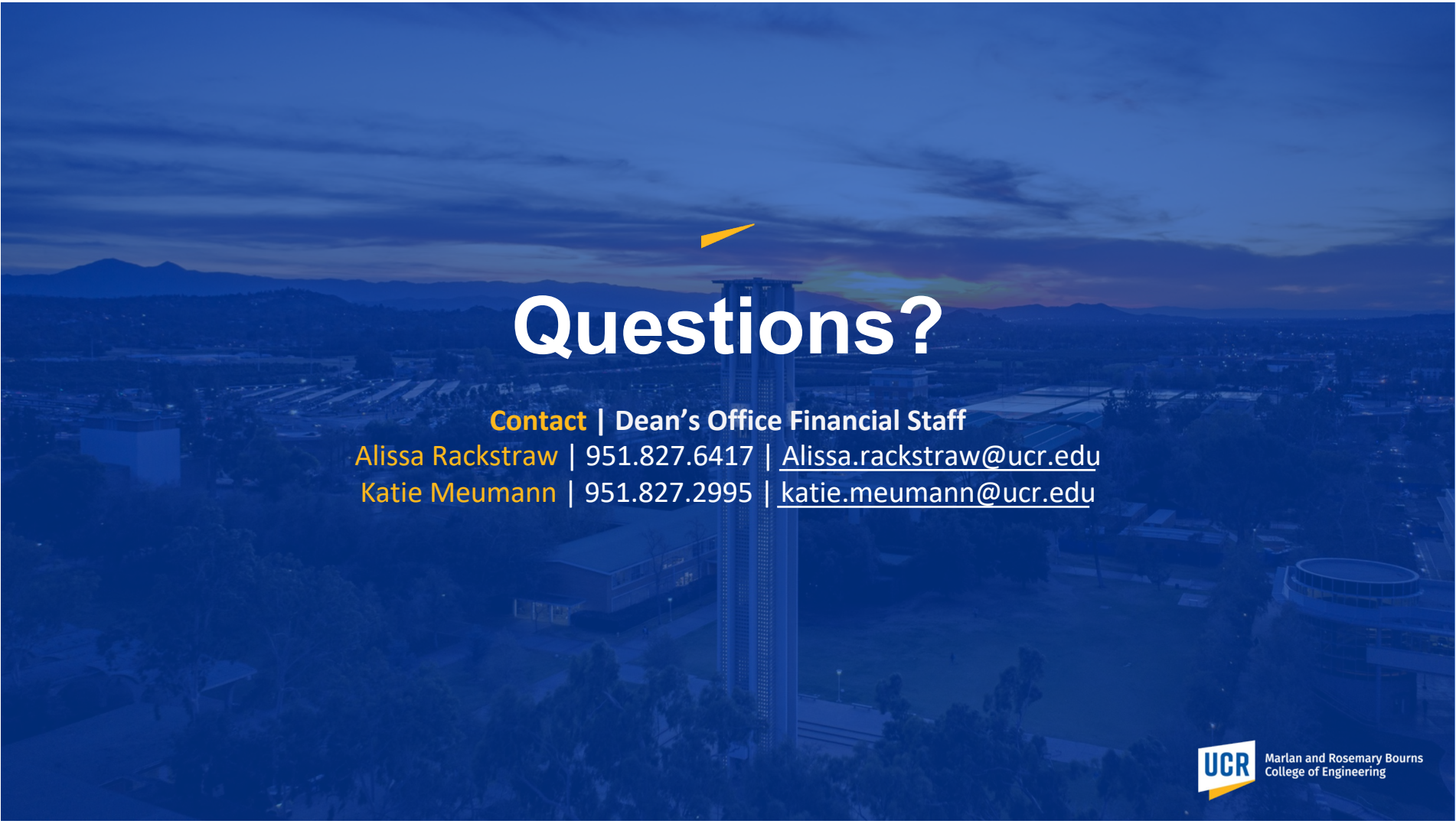
Contacts:

[nicole.kramer@ucr.edu](mailto:nicole.kramer@ucr.edu) | [robert.godoy@ucr.edu](mailto:robert.godoy@ucr.edu) | [kaiszia.vacant@ucr.edu](mailto:kaiszia.vacant@ucr.edu) | [eva.deanna@ucr.edu](mailto:eva.deanna@ucr.edu) | [carrie.bien@ucr.edu](mailto:carrie.bien@ucr.edu) | [kennedy.cee@ucr.edu](mailto:kennedy.cee@ucr.edu) | [johnathan.ece@ucr.edu](mailto:johnathan.ece@ucr.edu) | [joaquin.me@ucr.edu](mailto:joaquin.me@ucr.edu) | [mario.mse@ucr.edu](mailto:mario.mse@ucr.edu)

# How are CSE, CEN, Robotics & Data Science Organized







# Questions?

**Contact** | Dean's Office Financial Staff

Alissa Rackstraw | 951.827.6417 | [Alissa.rackstraw@ucr.edu](mailto:Alissa.rackstraw@ucr.edu)

Katie Meumann | 951.827.2995 | [katie.meumann@ucr.edu](mailto:katie.meumann@ucr.edu)



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# New Faculty Orientation Fall 2025

## Marketing & Communications

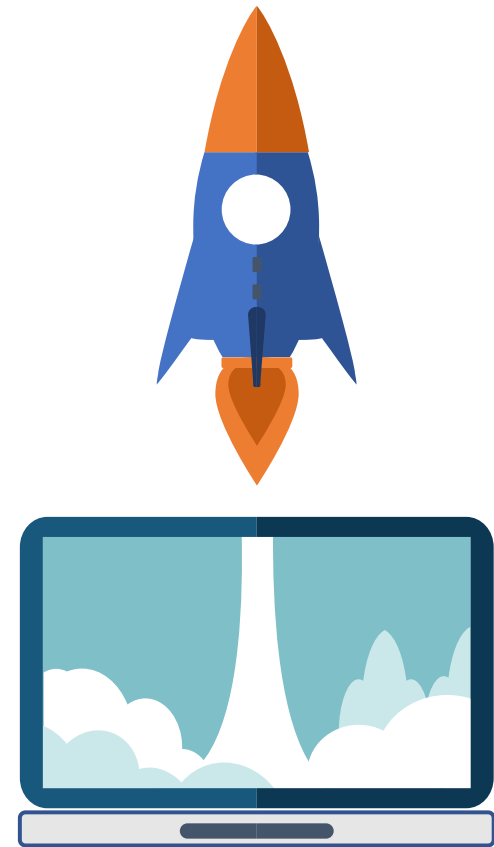
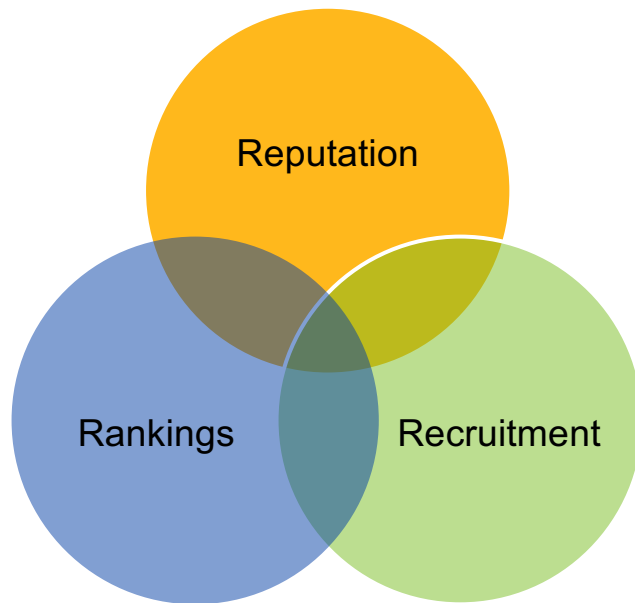
Cristina Sanford, Ed.D.  
October 15, 2025



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College of Engineering

# Our Objective

Elevate the college's reputation through storytelling, visibility, and engagement.





# Who We Are

## Marketing & Communications



Cristina Sanford, Ed.D.  
Assistant Dean, Strategic Initiatives & Marketing



Hannah Tomlinson  
Events Manager



Roberto Hernandez  
Marketing Director

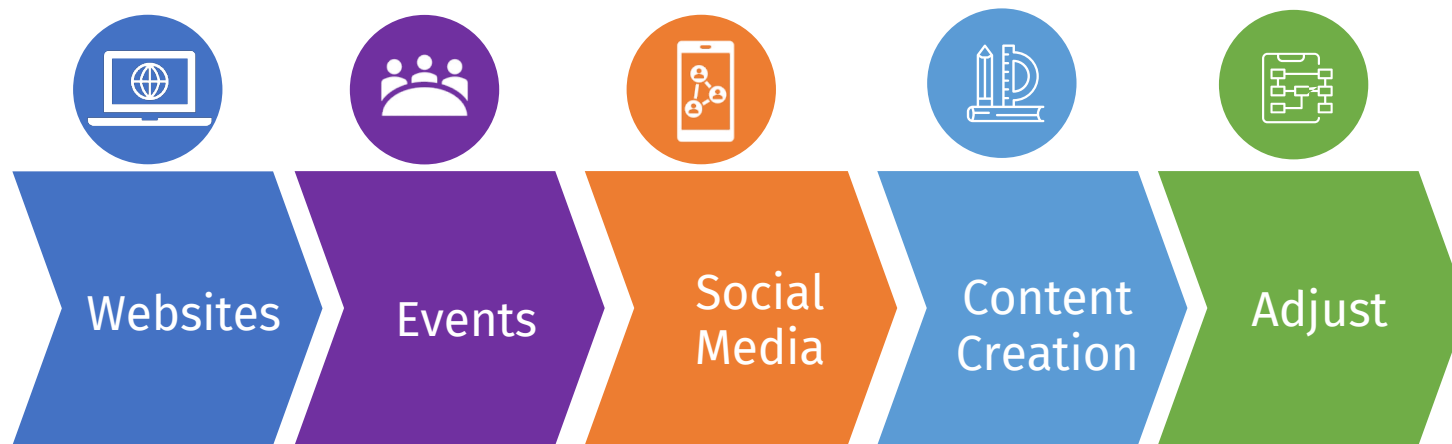


Megan Tomasik  
Digital Communications Manager

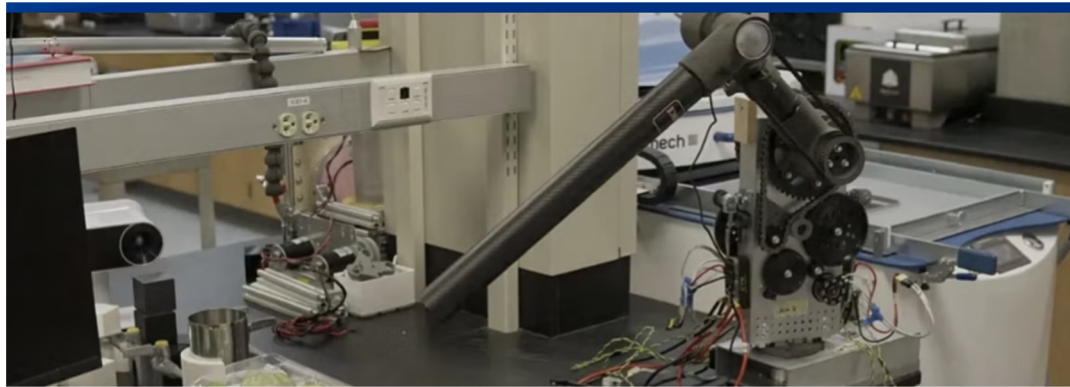


Marlan and Rosemary Bourns  
College of Engineering

# What We Do



# Student success stories



## Revved Up on Robots

Brandon Marcus showcases his research and publishing successes as one of the first two students to receive an undergraduate robotics from the Bourns College of Engineering

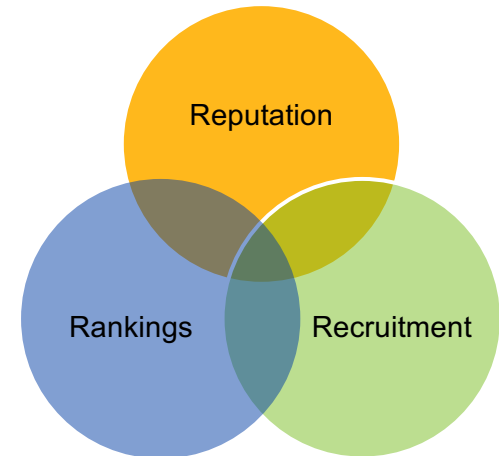
July 16, 2025

Folding laundry, cooking, and driving are just some of the things Brandon Marcus wished he didn't have to do.

But what if a robot could do them?

*"My interest in robotics stems from liking the idea of a theoretical world where I don't have to do the mundane tasks," said Marcus, a robotics graduate at the Marlan and Rosemary Bourns College of Engineering (BCOE). "There are many repetitive tasks that take up many hours of my life, and the prospect of having to do less or none of that sounds quite nice."*

Marcus's engineering interests have propelled him to success as a student researcher in robotics and artificial intelligence. He is the co-author of a major research publication that was recently accepted for inclusion in a prestigious robotics and automation flagship



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# Faculty research spotlights



### Brain Manage

bioengineering's Shahab Vahdat pioneers neurostimulation treatment to help millions of stroke victims regain motor function

By David E. Johnson | May 10, 2025

As a child, Shahab Vahdat was drawn to science—inspired by his mother, an elementary school teacher who prized science and discovery.

Today, Vahdat is an assistant professor at the Marsha and Rosemary Bourns College of Engineering's (BCE) Department of Bioengineering, where he works to develop cutting-edge treatments for people who have suffered ischemic strokes.

"I trained as an electrical engineer with a minor in control systems," Vahdat said. "But I soon realized the brain is the most sophisticated controller I've ever encountered."

That realization led him to study the neural aspects of motor skill learning, from playing the guitar to catching a baseball, and then "to explore how neural control of movement is altered when part of the brain is damaged, for example, by stroke."

His research at BCE involves two components: improving and personalizing, to better understand how someone stroke a limb, and developing and delivering new, personalized therapies.

UCR Bourns College of Engineering... + Follow  
1,729 followers

Stroke affects 1 in 4 people — but what if we could train the brain to recover itself?

Shahab Vahdat is testing implantable neurostimulation for hand/motor recovery post-stroke.

Learn more: [ow.ly/m5QF50W1K6i](https://ow.ly/m5QF50W1K6i)  
#Bioengineering #FacultyResearch #StrokeRecovery #Neuro

Brain Manage  
engruccr.edu

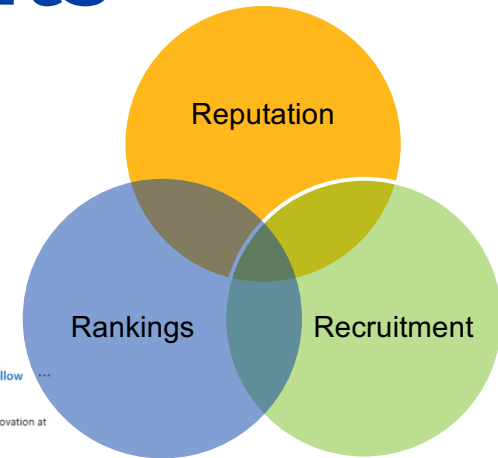
9:10 AM - Jun 2, 2025 · 30 Views

Shahab Vahdat is advancing stroke recovery through innovation at the intersection of engineering and medicine.

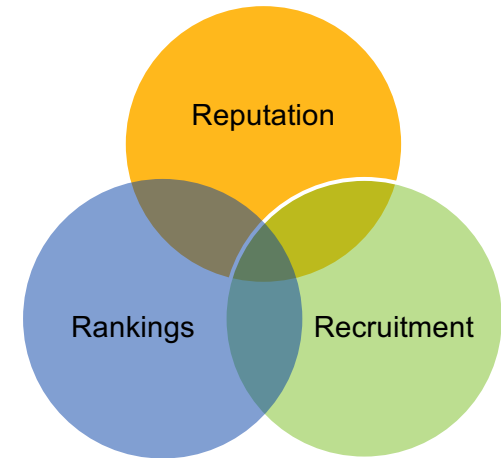
His research in neurostimulation and brain imaging is paving the way for next-generation therapies that could restore motor function for millions of stroke survivors.

With global collaborations and a deep commitment to patient-centered solutions, Vahdat represents the kind of forward-thinking research shaping the future of health care.

Learn more: <https://ow.ly/3knc50W1K6i>  
#Bioengineering #FacultyResearch #StrokeRecovery #Neuro



# Events and partnerships



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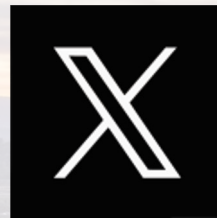
# Our Channels



Main Website  
[www.engr.ucr.edu](http://www.engr.ucr.edu)



LinkedIn  
[/company/bourns-college-of-engineering-uc-riverside](https://www.linkedin.com/company/bourns-college-of-engineering-uc-riverside)



X  
[/ucrbcoe](https://twitter.com/ucrbcoe)



Instagram  
[/ucrbcoe](https://www.instagram.com/ucrbcoe)



YouTube  
[@BournsCollege](https://www.youtube.com/BournsCollege)



Marlan and Rosemary Bourns  
College of Engineering



# Contacts & Resources



## Marketing Department

[marketing@engr.ucr.edu](mailto:marketing@engr.ucr.edu)



## Websites (Profile & Lab)

UCR Profile: <https://systems.engr.ucr.edu/help/ucrprofile>

Website Request: <https://websites.engr.ucr.edu/>  
[webmaster@engr.ucr.edu](mailto:webmaster@engr.ucr.edu)



## News

UCR News: <https://news.ucr.edu/>



## Templates, Logos, etc.

<https://intra.engr.ucr.edu/marketing>



## Event

[marketing@engr.ucr.edu](mailto:marketing@engr.ucr.edu)  
[Events.ucr.edu](https://events.ucr.edu)



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# Q&A



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# The BCOE Contracts and Grants Office (C&G Office)

Brandon Reese, Grant Facilitator

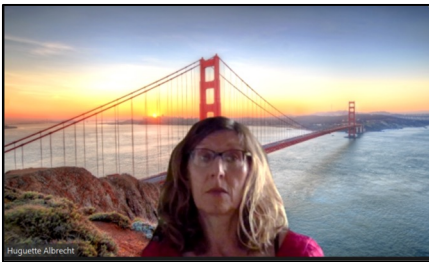
October 15, 2025



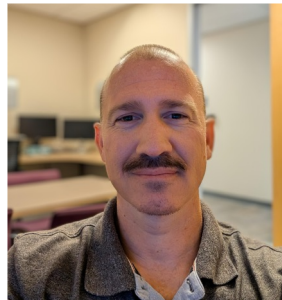
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College of Engineering

# The BCOE C&G Office: your shop for anything pre-award

## The team



Huguette Albrecht  
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edu



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edu



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Lucy Matsukawa  
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edu

## Presentation Overview

1. Terminology and acronyms

1. What we do

3. Kuali Research

4. Timeline for submission of proposals to RED

5. Proposal preparation summary

## Some terminology and acronyms that are commonly used in pre- and post-award contexts

**RED:** Research and Economic Development Office

**SPA:** Sponsored Programs Administration

**SPO:** Sponsored Programs Office

**KUALI Research:** Campus proposal submission tracking and Approval system

**AOR:** Authorized Organizational Representative

**Sponsor:** The entity providing the funds

**Prime:** Project lead (prime applicant) or sponsor lead (prime sponsor)

**DC:** Direct costs (what goes to you)

**IDC:** Indirect costs (what goes to the institution), or F&A: Facilities and Administrative costs, or Overhead

## **What we do**

**We work on anything related to pre-award, including:**

Advertising funding opportunities relevant to BCOE faculty

Provide advice on building a funding portfolio

Discuss potential submissions with you

Assist with preparing proposals

Submit proposals to RED (tracked via KUALI)

Pre-award budget revisions and just in time (JIT) documents preparation



# What we do

Help with preparing proposals includes:

## Always:

- Read the solicitations
- Develop budgets and budget justifications
- Collect all the proposal documents and upload them to the submission portals
  - NSF: Research.gov (you create the proposal and give us access)
  - Other Funding Agencies: Grants.gov (Cayuse)
  - PI submits after having received approval from RED
- Review the proposal components for compliance
- Prepare KUALI boards for proposal submissions to RED

## Sometimes (proposal type and time):

- Provide proposal checklists and/or project description outlines and templates
- Perform technical editing

## KUALI Research

UC Riverside uses KUALI Research to track all the activities related to external funding.

When you apply for funds via UC Riverside, The Regents of the University of California are usually the applicants and therefore the award recipient.

When is a KUALI board needed?

- Whenever RED is involved
- All proposals except when they're internal to UC Riverside
- Pre-proposals and white papers that have to be submitted via RED

# Approving a KUALI board

**Step 1**—Navigate to the **Key Personnel** tab, then click the arrow (next to the PI's name) to point downward.

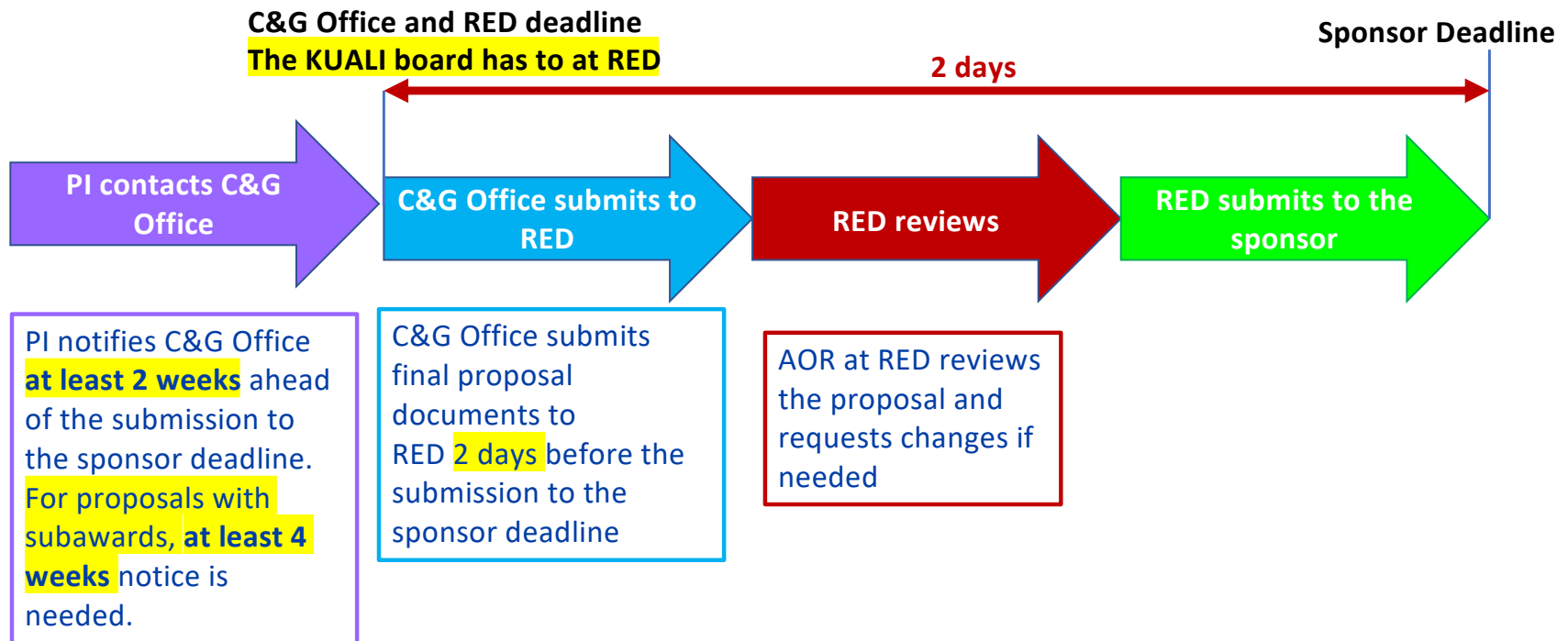
The screenshot shows the Kuali Research interface. On the left, a sidebar contains a list of tabs: Basics, Key Personnel (highlighted with a yellow box and a circled '1'), Personnel, Attachments, Questionnaire, Compliance, Budget, Access, Summary/Submit, and Notifications History. The main content area is titled 'Key Personnel' and includes a search bar and an 'Add Personnel' button. A dropdown arrow next to the PI's name is highlighted with a yellow box.

**Step 2**—Click the **Proposal Person Certification** tab and complete the required questions.

The screenshot shows the 'Proposal Person Certification' form. At the top, a tab labeled 'Proposal Person Certification' is highlighted with a yellow box and a circled '2'. Below the tab, the form contains a 'Certification' section with a list of five numbered statements. A checkbox labeled 'I have read and certify to the text above' is checked. At the bottom, a row of buttons includes 'Back', 'Save', 'Save and Continue' (highlighted with a yellow box and a circled '3'), and 'Close'.

**Step 3:** Under Summary/Submit, click approve to route the proposal forward

# Timeline for preparation and submission of proposals to RED



## Exception to the RED 2-day rule

When a proposal isn't ready on time for the RED review, the PI has to send an email to his AOR to request more time and explain why the extra time is needed.

## **AORs are assigned by departments**

Bioengineering: Tim LeFort

CEE: Victoria Sissac

CSE: Victoria Sissac

ECE: Tim Wolfe

ME: Victoria Van Mouwerik

MSE: Tim Wolfe



## Grant preparation process summary

C&G website: <https://intra.engr.ucr.edu/pre-award>  
For all proposals

You notify us **at least 2 weeks ahead of the sponsor deadline, or more depending on the type of proposal**, and share the solicitation with us

To get started, you provide the project title, performance period (start and end dates), and budget specifications to us

(Equipment is defined as an item of property that has an acquisition cost of \$5,000 or more and an expected service life of more than one year.)

You email us your documents

# Grant preparation process summary

## For NSF proposals

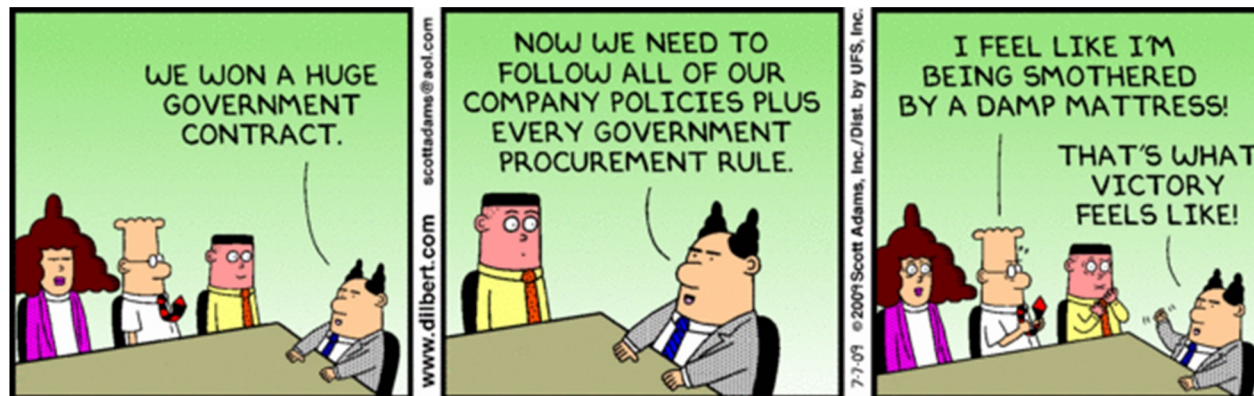
You create the proposal in Research.gov and give us access by going to:

- ➔ Manage personnel and subaward organizations
- ➔ Manage Personnel
- ➔ Add Other Authorized User

You share the proposal with an AOR when the proposal is final and ready for submission by going to:

- ➔ Proposal – ID
- ➔ Proposal details

**Wishing you success with securing funding!**



**Questions?**

**CPSU**  
**Central Personnel Service Unit**  
**Academic Personnel, Human Resources, Payroll**



**Cecilia Gonzalez**  
Director  
College-wide oversight for  
Academic Personnel, HR



**Tiffany Lindsey**  
AP/HR Analyst  
Academic HR/AP compliance  
for ECE, Ce-Cert, and Dean's  
Office. Professional  
Researchers Union



**Veronica Valenzuela**  
HR/AP Analyst  
Academic HR/AP  
compliance for BIEN, CEE.  
Unit 18 Lecturer Union



**Angelique Jones**  
HR/AP Analyst  
Academic HR/AP  
compliance for CSE, ME.  
Post Doc Union



**Sim Mai**  
HR Generalist  
College-wide staff personnel, employee  
relations, and ASE/GSR employment  
compliance (UAW Union)



**Emily Kirkland**  
HR Generalist  
College-wide staff, leave administration,  
UCPath corrections, and ASE/GSR  
employment compliance (UAW Union)



Marlan and Rosemary Bourns  
College of Engineering

# Merit & Promotion Process

**Rajiv Gupta**

Associate Dean for Academic Personnel

Amrik Singh Poonian Chair in Computer Science

October 15, 2025



## Features of M&P System

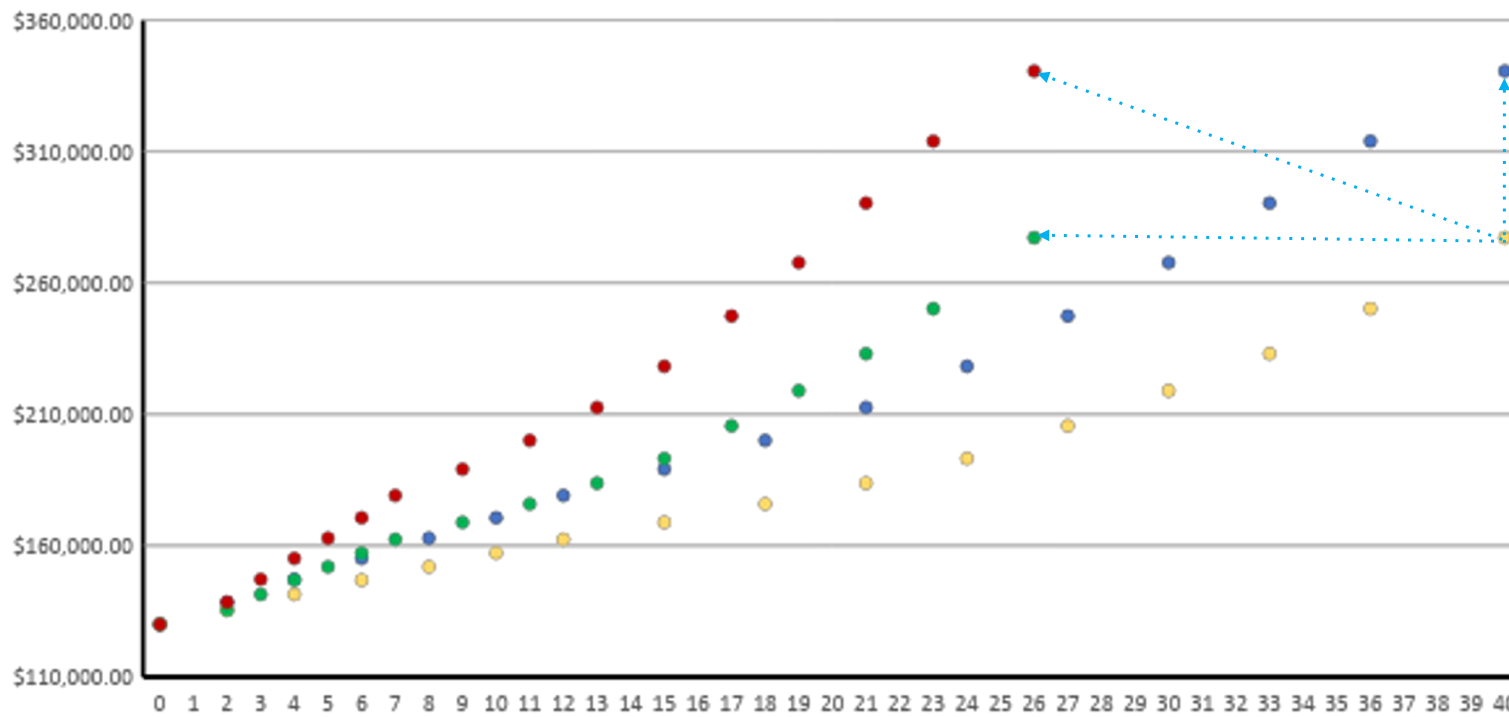
- **Frequent Evaluation**
- **Flexibility – Rewards Performance**
- **Transparency**



# Rank and Step System

| CHART I – NORMAL TIME IN STEP |                     |                |      |                                     |                                            |
|-------------------------------|---------------------|----------------|------|-------------------------------------|--------------------------------------------|
| Assistant Professor           | Associate Professor | Full Professor |      | Distinguished Professor Above Scale | Normal Period of Service at Step           |
| Step                          | Step                | Step           | Step | No Steps                            |                                            |
| I                             |                     |                |      |                                     | 2 years                                    |
| II                            |                     |                |      |                                     | 2 years                                    |
| III                           |                     |                |      |                                     | 2 years                                    |
| IV*                           |                     |                |      |                                     | 2 years                                    |
| V                             | I                   |                |      |                                     | 2 years                                    |
| VI                            | II                  |                |      |                                     | 2 years                                    |
|                               | III                 |                |      |                                     | 2 years                                    |
|                               | IV                  | I              |      |                                     | 3 years                                    |
|                               | V                   | II             |      |                                     | 3 years                                    |
|                               |                     | III            |      |                                     | 3 years                                    |
|                               |                     | IV             |      |                                     | 3 years                                    |
|                               |                     | V              | VI   |                                     | 3 or more years                            |
|                               |                     |                | VII  |                                     | 3 or more years                            |
|                               |                     |                | VIII |                                     | 3 or more years                            |
|                               |                     |                | IX   |                                     | 3 or more years                            |
|                               |                     |                |      | no steps/ just merits               | 4 or more years                            |
|                               |                     |                |      |                                     | 4 or more years between merit advancements |

# Rewards Performance



# Evaluation Steps

## Department: Evaluation by Peers

*Department letter is shared with the candidate*

## Dean evaluates

*Dean's letter may accompany the evaluation*

## University-Wide Committee: CAP

*CAP minutes are added to the file*

## VPAP & Provost Evaluate the file

*VPAP adds a letter*

***Notification of decision is accompanied with  
all of the above letters providing ample feedback***



# Questions?