



Missouri University of Science and Technology

# College of Arts, Sciences, and Education

College-Wide Meeting

April 23, 2024

# *Remembering Dr. V. Prakash Reddy*



# Spring Commencement Ceremonies

**May 10, 2024**

**6PM**

**Gale Bullman Building**

Doctoral (Ph.D.) Degree  
Graduates

- All programs

**150<sup>th</sup> anniversary of first  
graduating class!**

**May 11, 2024**

**10AM**

**Gale Bullman Building**

Master's and Bachelor's  
Degree Graduates including:

- Biological Sciences
- Environmental Sciences
- Industrial  
Organizational  
Psychology
- Psychology

**May 11, 2024**

**3PM**

**Gale Bullman Building**

Master's and Bachelor's Degree  
Graduates including:

- Applied Mathematics
- Chemistry
- Education
- English
- History
- Mathematics
- Multidisciplinary Studies
- Philosophy
- Physics
- Technical Communication

# Noteworthy Efforts

## Increasing Visibility, Efficiency & Reputation

- So far, we have hired 6 faculty to begin Fall 2024
- 6 new programs approved or under development
- 92% increase in research awards compared to 2023 (and counting)
- Renovations: Schrenk East, Harris Hall (ROTC building), Ozark Field Research Center
- 4 new books authored by CASE faculty since our last meeting
- Psychology 4<sup>th</sup> Best online master's program for third consecutive year
- Book cover exhibit in the library completed
- Offering almost all summer courses online asynchronous (record number)
- Support grant proposal writing (writer, graphic designer)
- Theater students going to Broadway
- Completed external review of the Education Department
- Welcoming 2 new members to the Dean's Leadership Council
- New dedicated Advancement officer – Michelle Shults
- 2023 Annual Report
- 712 LinkedIn followers (470 in April 2023)

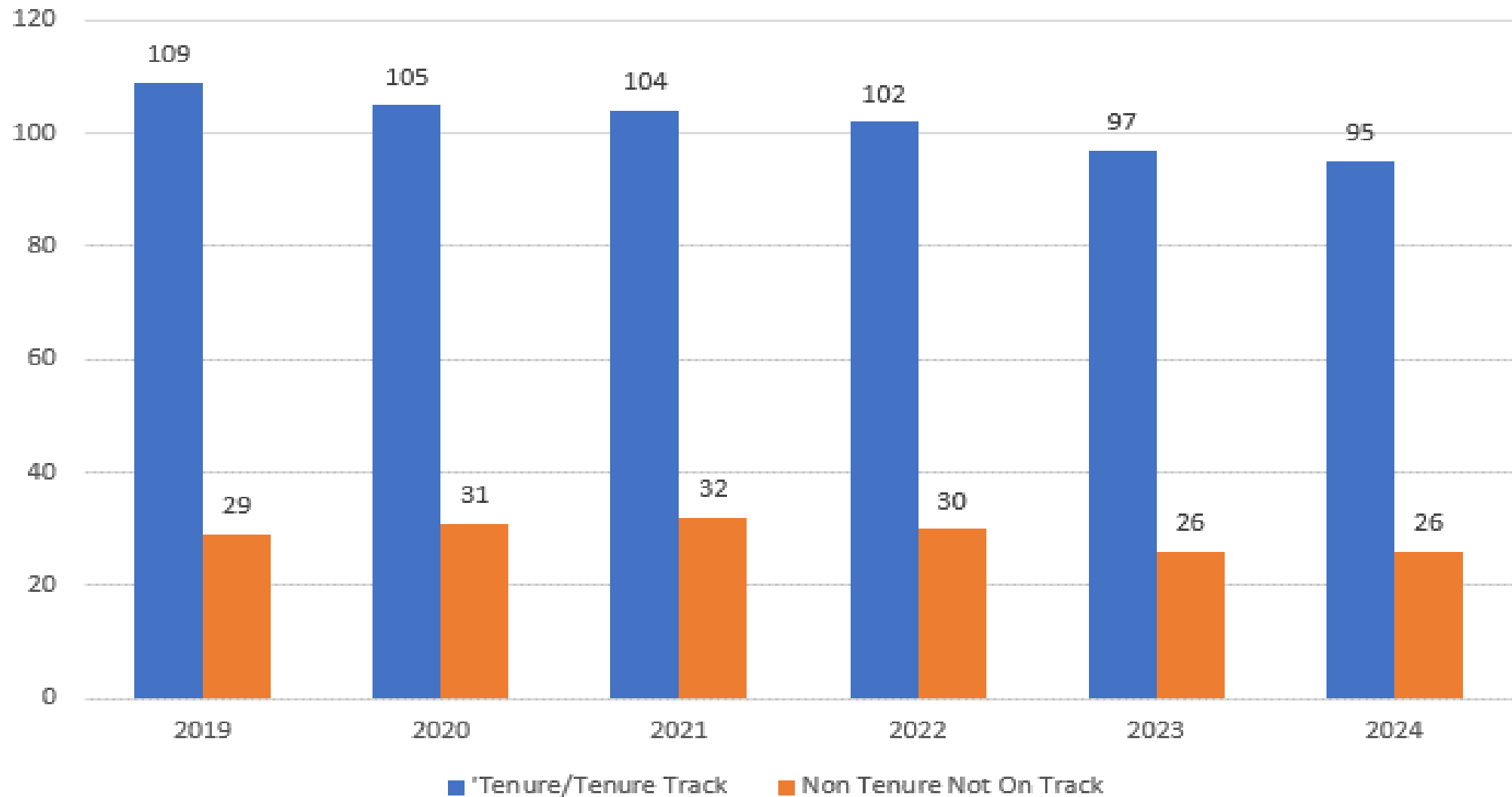
# New Programs

## Proposed and Under Development

- Ph.D. degree in Biological Sciences (Fall 2024)
- Ph.D. degree in Psychological Science (Fall 2025)
- Ph.D. degree in Technical Communication (on hold)
- B.S. & M.S. degrees in Data Science (under development)
- Non-thesis M.S. in Biological Sciences with Emphasis in Education (estimated Spring 2025 start)
- Several undergraduate certificates in process and approved (e.g., Russian & Eurasian Studies)



# Faculty Numbers





# Faculty Search Updates

## Completed Searches:

- Assistant Professor of Global Technical Communication (Victoria Braegger)
- Assistant Professor of Industrial Organizational Psychology (Ann Schlotzhauer & Matthew Ng)
- Assistant Professor in Mathematics & Statistics (Nilanjan Chakroborty)
- Weiner Endowed Professor of Humanities (Margaret Grebowicz)
- Assistant Teaching Professor of Education (Jeffrey Chalfant)

## Searches in Progress (Nearing Completion):

- Castleman Endowed Professor of Discovery
- Vitek/FCR Endowed Chair of Biochemistry
- Assistant Teaching Professor of Speech
- Assistant Teaching Professor of Technical Communication

## Extending/Rerunning 2024-2025:

- Kummer Endowed Department Chair of Biological Sciences
- Kummer Endowed Professor of Data Science

## Additional 2024-2025 Search Plans:

- Assistant Professor of Astrophysics
- Assistant Professor of Chemistry
- Assistant Teaching Professor of Early Childhood Education

## Known and Anticipated Upcoming Faculty Departures:

- Rainer Glaser, Chemistry (retirement)
- Matt Insall, Mathematics (retirement)
- Kyle Wernke, Arts, Languages & Philosophy (Lehigh University in PA)
- Jerry Peacher, Physics (retirement)
- Prakash Reddy (passed away)

## Faculty hiring and departures during 2022-2023:

- 10 new faculty (5 TT, 5 NTT)
- 8 departures (5 TT, 3 NTT)

# Research

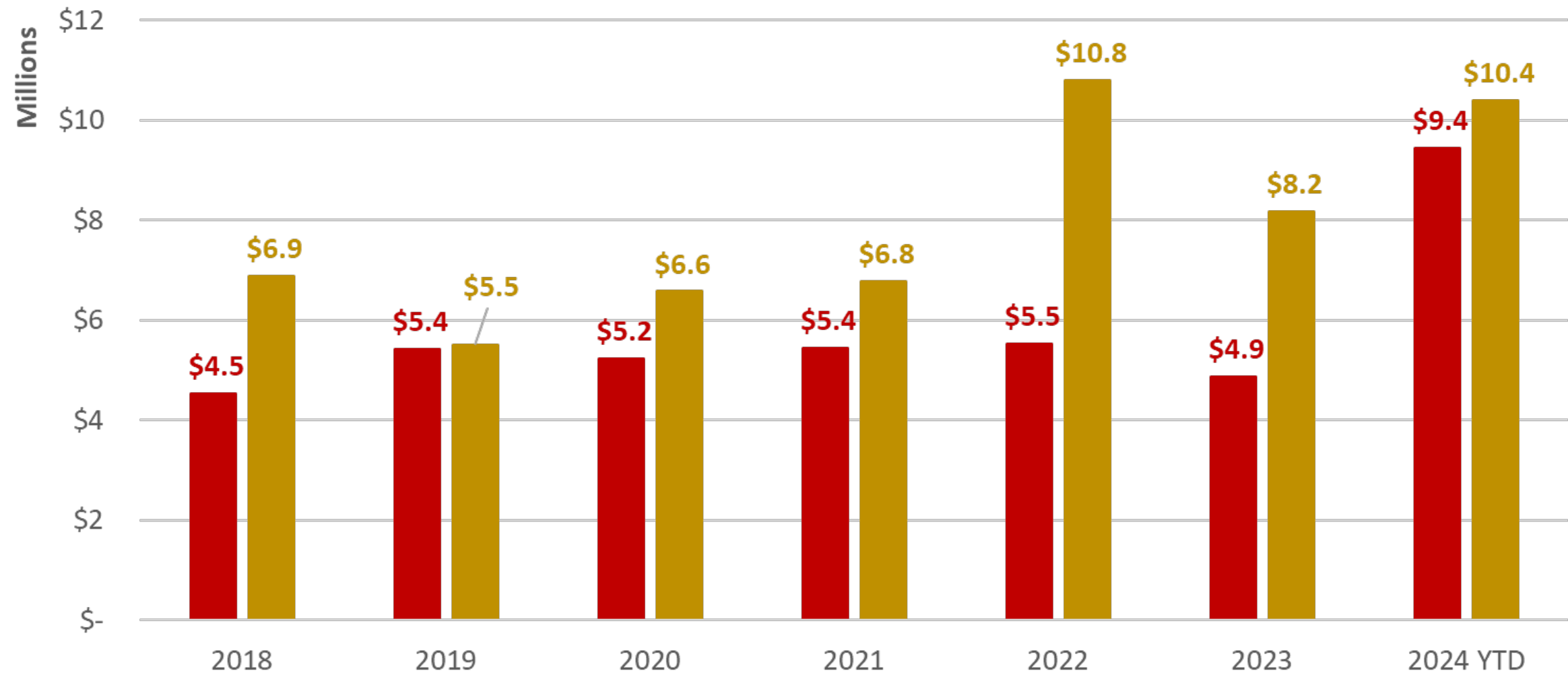




# CASE Awards

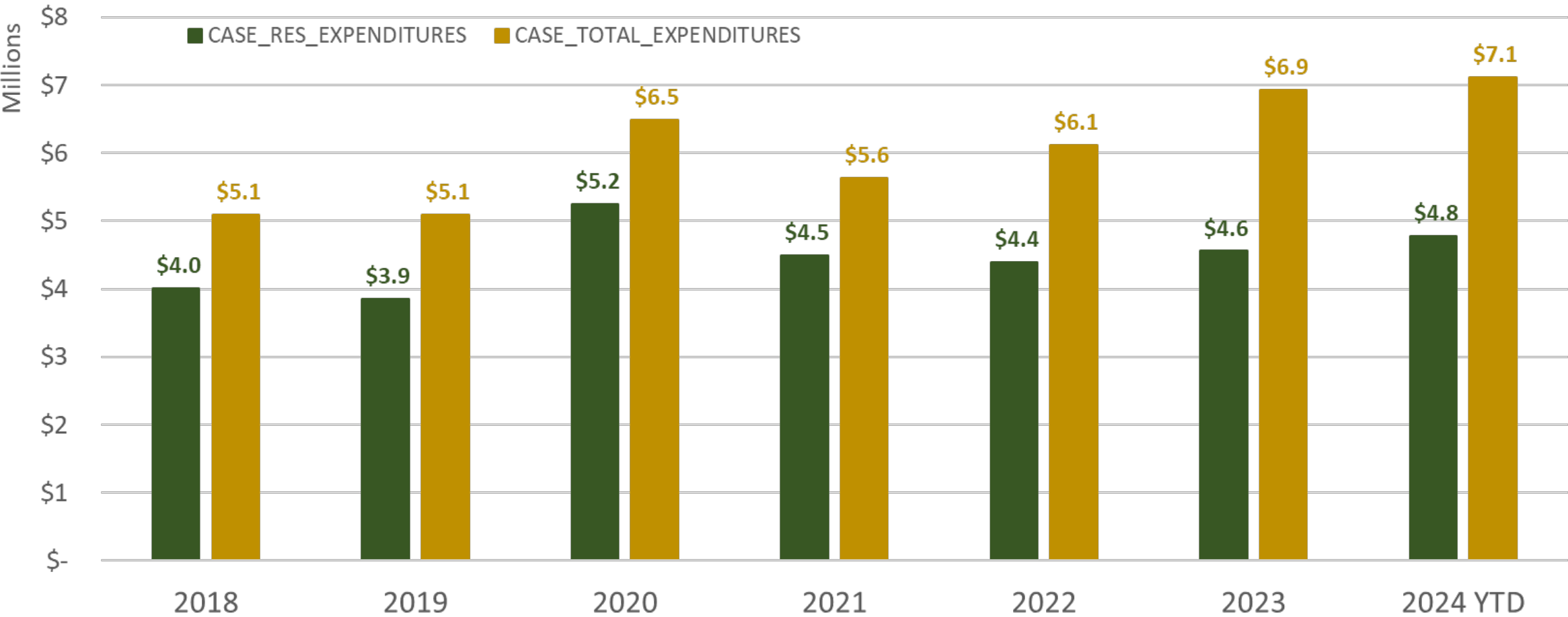
CASE **Awards** FY18-23 and FY24 YTD as of 4/8/2024

CASE\_RES\_AWARD CASE\_TOTAL\_AWARD



# CASE Expenditures

CASE **Expenditures** FY18-23 and FY24 YTD as of 4/8/2024



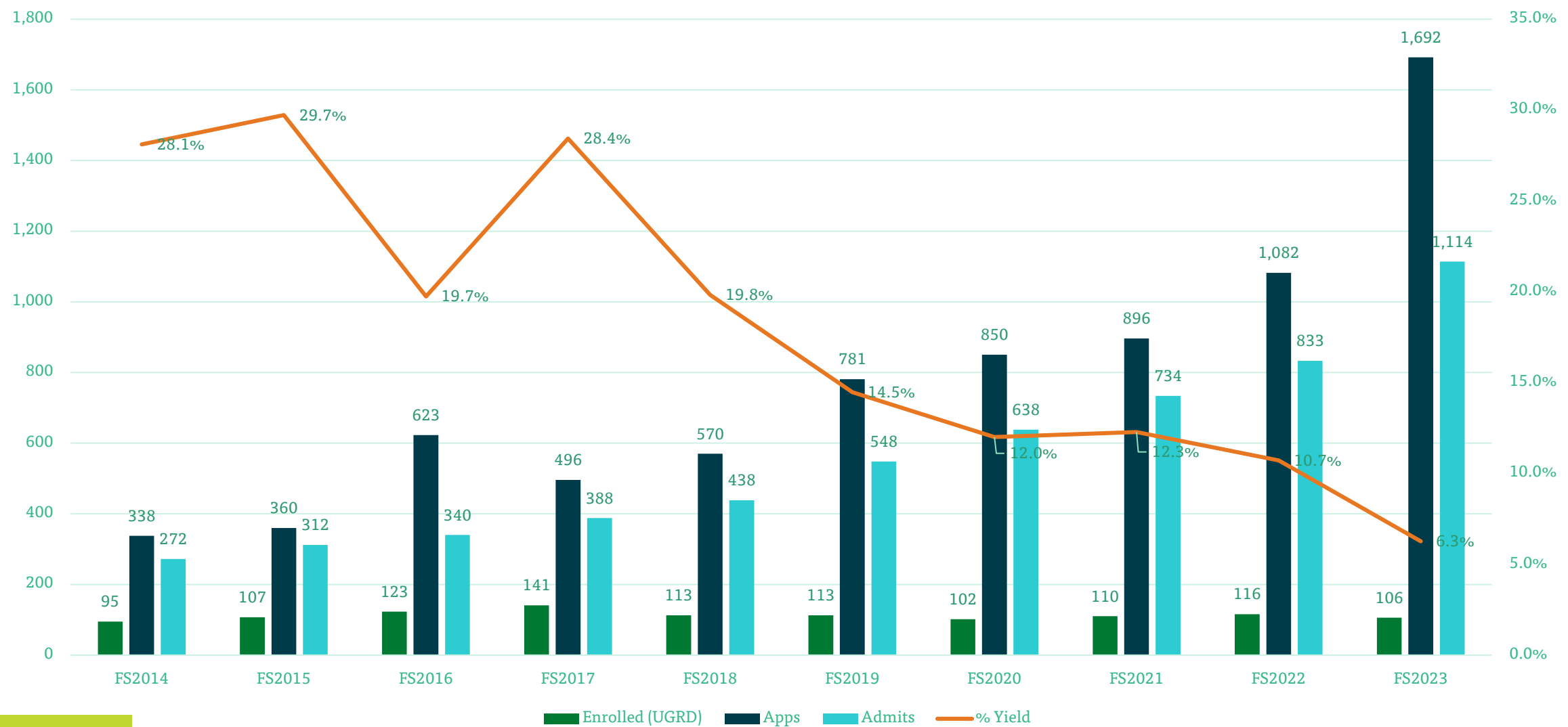
# Enrollment Updates



# CASE Enrollment

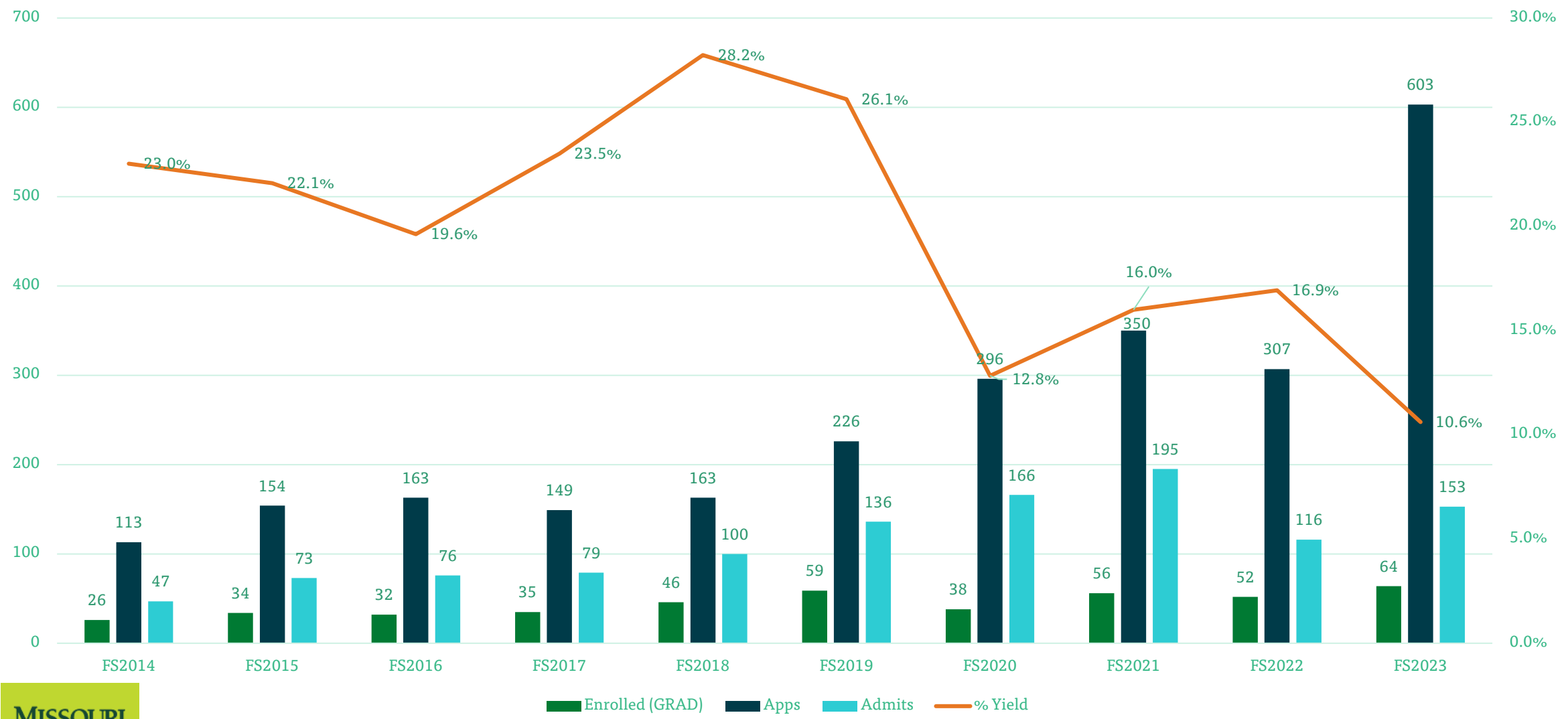
- UG applications have increased by 74% compared to Fall 2021.
  - UG transfer applications up by 252% since Fall 2022.
  - Biology comprising 10% of the total FTC applicant pool. 3<sup>rd</sup> largest (777 FTC) behind only mechanical engineering and computer science (2023).
- GRAD applications have increased by 72% compared to Fall 2021.
- UG & Grad enrollment in 2024 are each down 5% compared to 2023.
- 30% increase compared to 2023 in terms of net deposits and yield.
  - 6 out of 9 departments have higher yield rates than in 2023.

# Undergraduate Applications, Admits, Yield





# Graduate Applications, Admits, Yield



# Program Trends: Undergraduate Enrollments



\*Data does not include non-degree seeking students

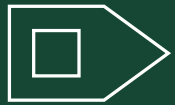


# Summer Camps

## 2024 Summer Camps Offered by CASE (record number)



- Amusement Park Design (Marty Pickney)
- Art in the Ozarks (Robin Verble)
- Discovering Chemistry (Nathan Leigh)
- Engineering with Biology (Dave Westenberg)
- eSports Boot Camp (Andrew Behrendt)
- Is it Alive? (Roxanne Hanna)
- Mining the Mind (Clair Reynolds Kueny)
- Movie Makers (Adam Davis)
- Outdoor World: Urban vs. Rural (Courtney Jones)
- Quantum Materials (Halyna Hodovanets)



# Good news!

Recognitions, Awards, and other updates

# Big Year for Ivliyeva



In addition to being named a Curators' Distinguished Teaching Professor last year, Dr. Irina Ivliyeva was **inducted into the Missouri S&T Women's Hall of Fame** and became **Department Chair** of Arts, Languages, and Philosophy effective April 1.



# Woman of the Year



Dr. Beth Kania-Gosche,  
Department Chair of Education,  
was named 2024 S&T Woman of  
the Year!

# Dean's Medal

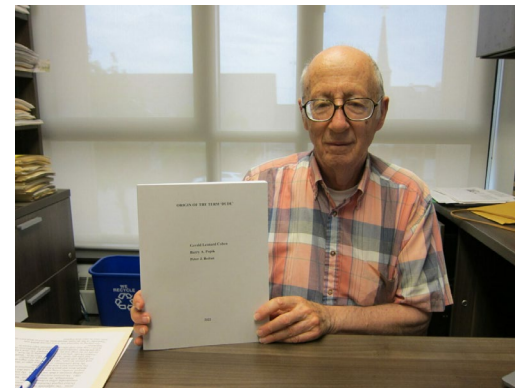
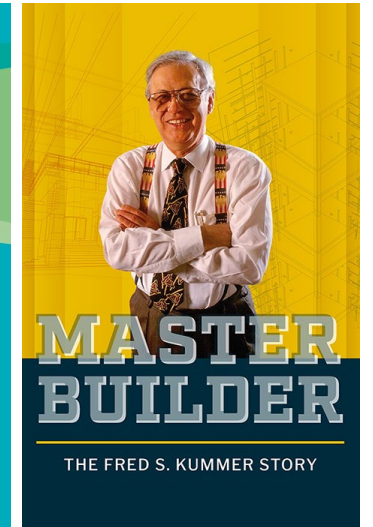
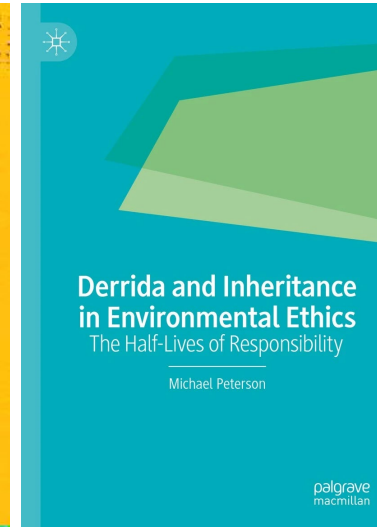


Dr. Agnes Vojta was presented the 2024 CASE Dean's Medal. The Dean's Leadership Council surprised Dr. Vojta with the news by interrupting her class on April 11.

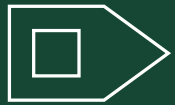
# Add to your bookshelf

## Recent books published by CASE faculty

- ▶ Gerald Cohen (Arts, Languages, and Philosophy): *Origin of the Term “Dude”*
- ▶ Larry Gragg (History): *Bugsy’s Shadow: Moe Sedway, “Bugsy” Siegal, and the Birth of Organized Crime in Las Vegas*
- ▶ Larry Gragg (History): *Master Builder: The Fred S. Kummer Story*
- ▶ Michael Peterson (Arts, Languages, and Philosophy): *Derrida and Inheritance in Environmental Ethics*



**Make sure to check  
out the new CASE  
Authors display!  
Second floor Library**



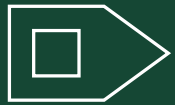
# Faculty Awards

Faculty Leadership Council

# 2023-2024 Faculty Leadership Council Members

- **Amber Henslee**, Psychological Science (chair)
- **Lorie Francis**, Arts, Languages, and Philosophy
- **Chen Hou**, Biological Sciences
- **Jeffrey Winiarz**, Chemistry
- **Ryan Cheek**, English & Technical Communication
- **Michael Meagher**, History & Political Science
- **Elvan Akin**, Mathematics & Statistics
- **Daniel Fischer**, Physics
- **Julia Alexander**, Teacher Education and Certification





# Innovative Teaching Award

**Faculty Awards**

# Rachel Schneider

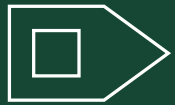
Innovative Teaching  
Award



# Drayton Callen

Innovative Teaching  
Award





# Faculty Research Award

**Faculty Awards**



# Taylor Gruenloh

Faculty Research  
Award





# Matthew Thimgan

Faculty Research  
Award





# Student Impact

**Faculty Awards**

# Daniel Shank

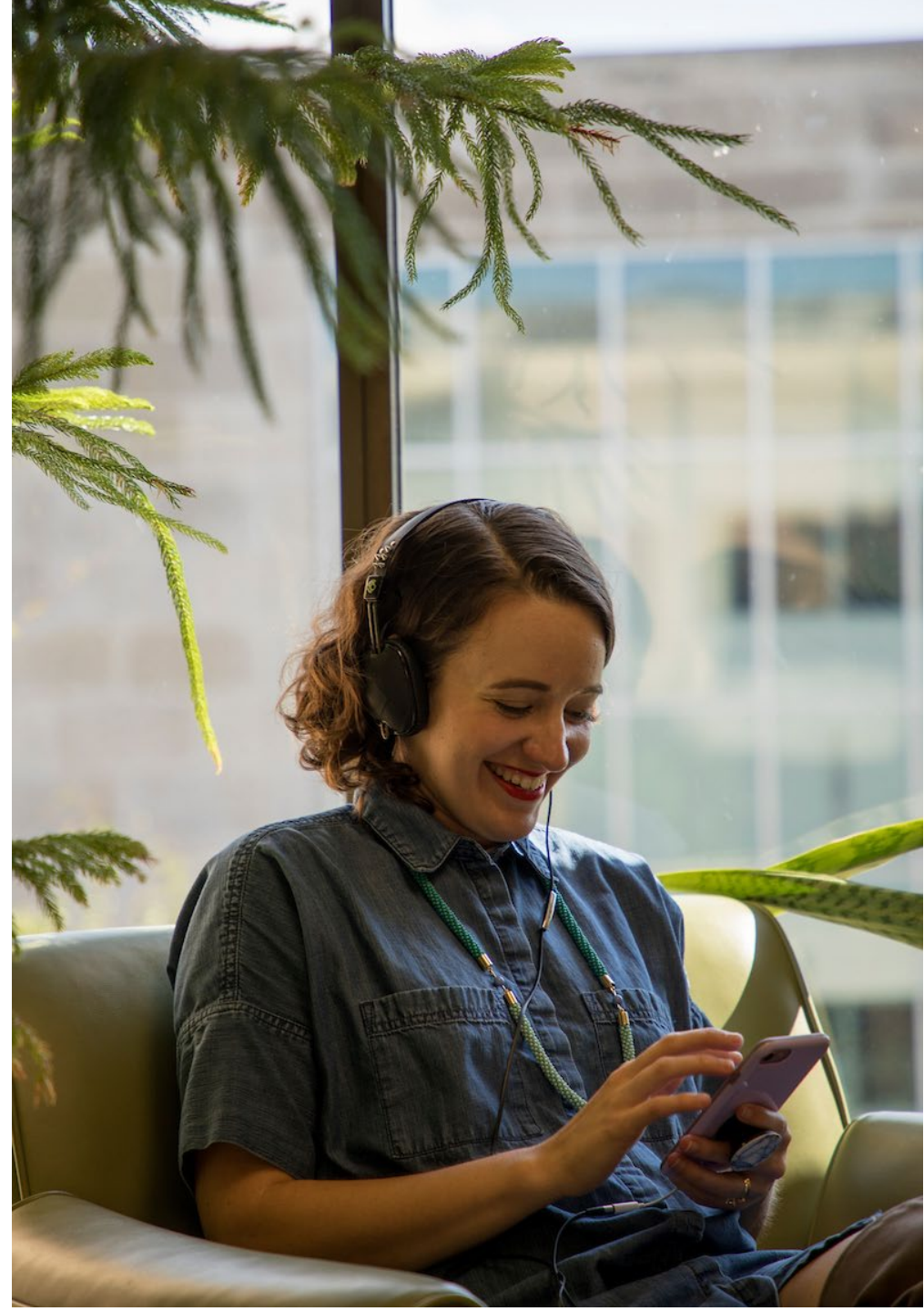
Student Impact  
Award

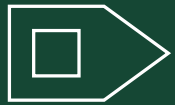




# Amy Belfi

## Student Impact Award





# Community Outreach

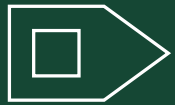
**Faculty Awards**



# Agnes Vojta

## Community Outreach Award





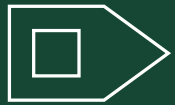
# Department Citizen

**Faculty Awards**

# Rachel Schneider

Department Citizen  
Award



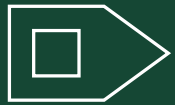


# CASE Staff Awards

# CASE Staff Awards Committee

- **Yue-Wern Huang**, associate dean for research and external relations in the College of Arts, Sciences, and Education
- **Stephanie Lewis**, executive assistant for College of Engineering and Computing
- **Klaus Woelk**, associate dean for academic affairs in the College of Arts, Sciences, and Education





# Student Impact

**Staff Awards**

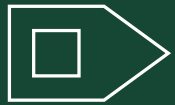


# Trish Aston

Business Support Specialist II  
Physics Department

## Student Impact Award





# Community Service

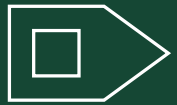
**Staff Awards**

# Lyndsey Elliott

Director  
Child Development Center

## Community Service Award





# Peer-to-Peer

Staff Awards

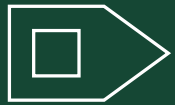


# Cyndi Kinder

Business Support Specialist I  
Kummer Center for STEM Education

## Peer-to-Peer Award





# Extra Mile

**Staff Awards**

# Megan Fowler

Business Operations Associate II  
CASE Dean's Office

## Extra Mile Award



**Congratulations to all  
awardees!**



# Questions?