

# State Of The University

**RICE FORWARD**

Nov. 29, 2023

President Reginald DesRoches



RICE UNIVERSITY





RICE

State of the University  
2023

## INCREDIBLE FIRST YEAR



# R.I.C.E.

**R**esponsibility

**I**ntegrity

**C**ommunity

**E**xcellence



RICE

State of the University  
2023

## OUR GUIDING PRINCIPLES

Culture of Care  
Diversity, Equity and Inclusion  
Courageousness  
Excellence  
Curiosity





# RICE UNIVERSITY LEADERSHIP



RICE

State of the University  
2023

## NEW VICE PRESIDENTS



**Stephen Bayer**

Vice President, Development  
and Alumni Relations



**Melinda Spaulding Chevalier**

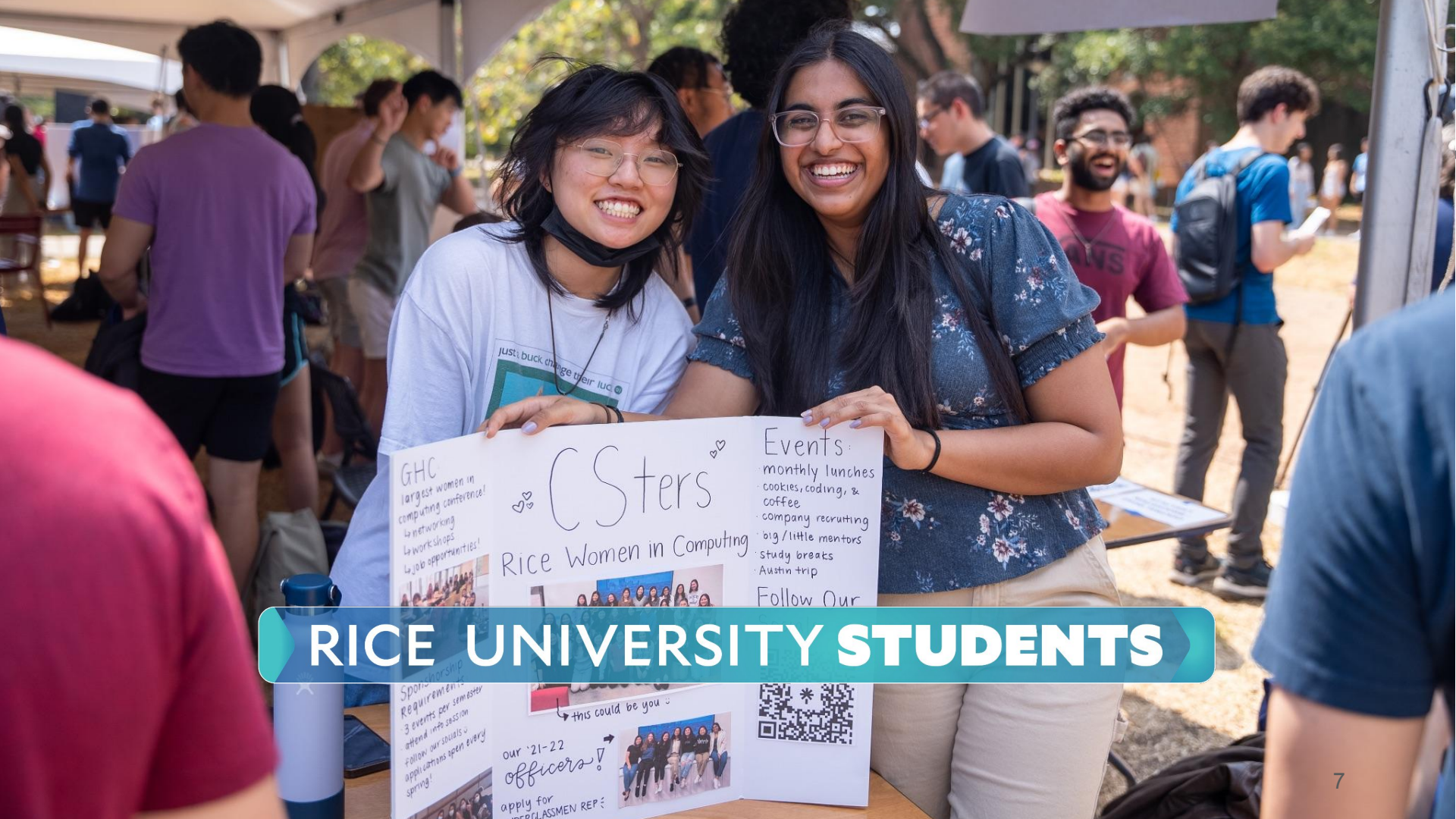
Vice President, Public Affairs



**Tommy McClelland**

Vice President and Director  
of Athletics





# RICE UNIVERSITY STUDENTS

**GHC**  
largest women in  
computing conference!  
↳ networking  
↳ workshops  
↳ job opportunities!

**CSters** ♡  
Rice Women in Computing

**Events**  
• monthly lunches  
• cookies, coding, & coffee  
• company recruiting  
• big / little mentors  
• study breaks  
• Austin trip

**Follow Our**

**Sponsorship**  
Requirements:  
3 events per semester  
attend into session  
Follow our socials w/  
applications open every  
spring!

**our '21-22 officers!**  
→ this could be you  
apply for CLASSMEN REP!

**QR Code**



# 1,125

 Class sizeAPPLICATIONS/  
ACCEPT RATE:**31,059**

Applications

**7.9%**

Admit rate

TEXAS/OUT  
OF STATE/  
INTERNATIONAL:**35%**

from Texas

**52%**

U.S. non-Texas

**13%**

International

HOW MANY  
COUNTRIES/  
STATES:**44**

Countries

**49**states and four  
territoriesUNDER-  
REPRESENTED  
MINORITIES:**32%**of domestic students  
(314 total)SAT MID 50%  
RANGE:**1500**

25th percentile

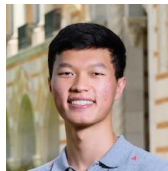
**1560**

75th percentile

## GOLDWATER SCHOLARSHIP



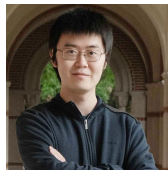
**Maria Hancu**  
Biosciences, Chemistry  
and Art History



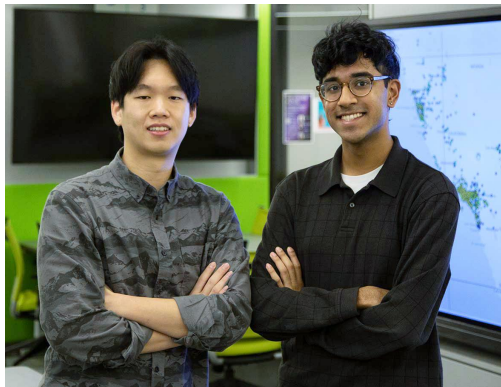
**Alex Lin**  
Chemistry, Biochemistry  
and Cell Biology



**Ryan Wang**  
Neuroscience, Cognitive  
Science and Computer  
Science



**Ruofeng "Charlie" Liu**  
Operations Research

RICE UNDERGRADS' COMPANY AIDS  
NONPROFITS USING DATA SCIENCE

**Alex Han** and **Zachre Andrews**  
Statistics and Founders of Biokind Analytics

RICE UNDERGRADUATE JOSHUA  
FANG NAMED A 2023 KEY INTO  
PUBLIC SERVICE SCHOLAR

**Joshua Fang**  
Mathematical Economic Analysis,  
Social Policy Analysis and Data  
Science



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2023

## PRE-MATRICULATION PROGRAMS

RESP, RISE



RESP: Rice Emerging  
Scholars Program



RISE incoming  
freshmen seminar





State of the University  
2023

## PRE-MATRICULATION PROGRAMS

OWL ACCESS, TAKE FLIGHT



Owl Access Early  
Access Program



Take Flight STEM  
Pathway Program

## Academic Accomplishments

Spring 2023 cumulative GPA:  
3.42 with 32 student-athletes  
earning a 4.0

Federal Graduation Rank for  
student-athletes among Football  
Bowl Subdivision schools: fifth  
overall, second for football, third  
for women's student-athletes,  
fourth for African American  
student-athletes

Student-athletes on the  
Conference USA Commissioner's  
Honor Roll: 321



## On-Field Success

2023 football team will play in their  
second straight bowl game

2023 football team won the Bayou  
Bucket for first time in 12 years

Two Rice pitchers were selected in  
the 2023 Major League Baseball  
draft

2023–2024 men's and women's  
basketball — Malia Fisher and Max  
Fielder named preseason All-AAC  
Second Team

Grace Forbes  
(Cross-Country/Track and Field)  
was a Top 30 Honoree for NCAA  
Woman of the Year



**393**

TOTAL ATHLETES

**338**

UNDERGRADUATES

**65**

GRADUATES

**43**

MASTER'S STUDENTS

**12**

VISITING POST-BACS

**182**UNDERGRADUATES WITH  
DECLARED MAJORS:**71** social sciences majors**58** business majors**42** natural sciences majors**36** engineering majors**10** humanities majors**156**

UNDECLARED MAJORS BY DIVISIONS

**61** business**34** natural sciences**33** social sciences**14** engineering**7** humanities**2** music**43**

MASTER'S STUDENTS, THE MIX IS

**27** MBA/MACC**7** engineering**7** social sciences**1** humanities**14** natural sciences



**No. 17**Among National  
Universities**No. 5**

Best Value

**No. 6**Best Undergraduate  
Teaching**No. 9**Best Colleges  
in America**No. 11**

Best Campus

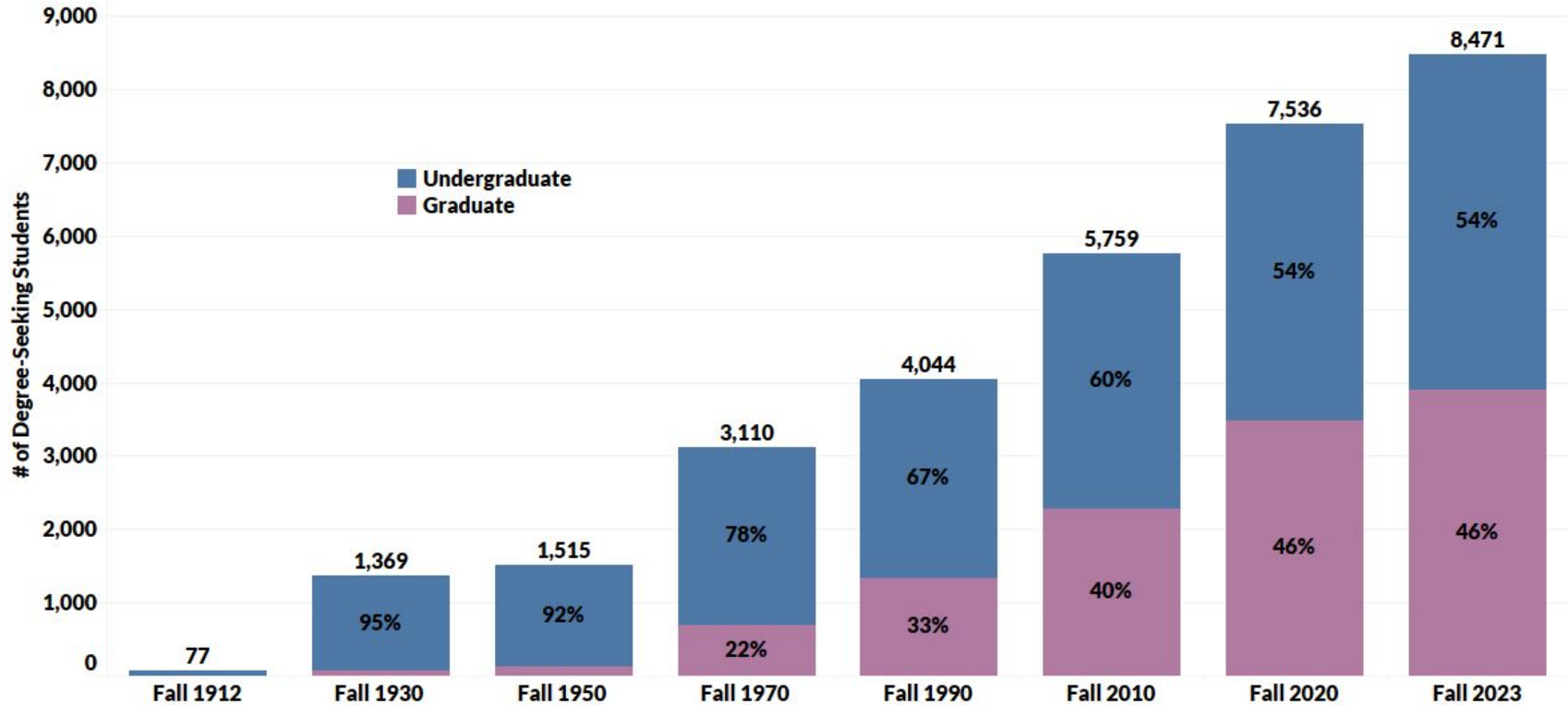
**No. 12**

Best Value

**No. 9**

Best Professors

## UNDERGRADUATE/GRADUATE DEGREE-SEEKING STUDENTS



1,331

FIRST-TIME  
GRADUATE  
STUDENTS

37%

FEMALE

63%

MALE

38%

TEXAS

22%

OUT-OF-STATE

40%

INTERNATIONAL

Liberal Studies

4 | 0%

Performance Masters

60 | 5%

Professional Masters

932 | 70%

Research Masters

25 | 2%

Doctoral

310 | 23%

Architecture

18 | 1%

Business

511 | 38%

Continuing Studies

10 | 1%

Engineering

501 | 38%

Humanities

25 | 2%

Music

71 | 5%

Natural Sciences

119 | 9%

Social Sciences

76 | 6%



## RACIAL/ETHNIC DIVERSITY

### 18%

**DOMESTIC UNDER-REPRESENTED MINORITIES\***

Asian	175	13%
Black or African American	90	7%
Hispanic or Latino, of any race	149	11%
International	531	40%
Other*	49	4%
White	337	25%

\* Other includes American Indian or Alaska Native, Native Hawaiian or other Pacific Islander, two or more races, and race/ethnicity unknown.

\*\* Domestic URM includes: American Indian or Alaska Native, Black or African American, Hispanic or Latino, and Native Hawaiian or other Pacific Islander.

### 40%

**INTERNATIONAL**

Our Fall 2023 entering graduate international students represent **56 countries** in citizenship.

#### TOP COUNTRIES REPRESENTED:

China:	214	Mexico:	17
India:	91	Nigeria:	17
Taiwan:	31	South Korea:	17





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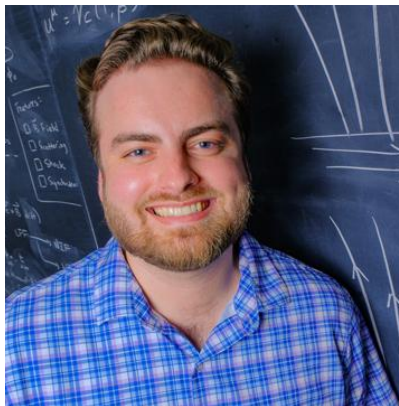
## GRADUATE STUDENT SUCCESS

### RICE GRADUATE STUDENTS WIN NASA FUTURE INVESTIGATOR AWARDS



**Aindrila Pal**

Third-year Ph.D. student in Earth, environmental and planetary sciences



**Gregory Szytko**

Fourth-year physics Ph.D. student

### RICE-BASED PIANO TRIO, TRIO MENIL, WAS GIVEN THE GRAND PRIZE AT THE 2023 PLOWMAN CHAMBER MUSIC COMPETITION



Shepherd School of Music students pianist **Jonathan Mak**, violinist **Jeongwon Claire An** and cellist **David Dietz**



## GRADUATE PROGRAM RANKINGS

## #24 BUSINESS OVERALL

- #7 Online General Management MBA
- #10 Entrepreneurship Program
- #10 Online Business Analytics MBA
- #12 Online MBA
- #15 Part-time MBA
- #44 Accounting

## #30 ENGINEERING OVERALL

- #10 Biomedical/Bioengineering
- #12 Environmental Engineering
- #19 Civil Engineering
- #22 Chemical Engineering
- #23 Electrical Engineering
- #24 Materials Engineering
- #24 Biostatistics
- #25 Mechanical Engineering
- #26 Computer Engineering
- #27 Online Master's in Computer Information Technology
- #29 Statistics
- #31 Computer Science (2 top #25 subfields)

## HUMANITIES

- #38 History
- #41 English

## NATURAL SCIENCES

- #20 Earth Science (1 top #25 subfields)
- #21 Physics (3 top #25 subfields)
- #27 Chemistry (2 top #25 subfields)
- #30 Math (1 top #25 subfields)-
- #50 Biological Sciences

## SOCIAL SCIENCES

- #28 Political Science (1 top #25 subfields)
- #34 Sociology
- #38 Economics
- #51 Psychology (1 top #25 subfields)



**NOTE:** Top 25 in **blue**, subfields noted - rankings are out of much smaller number of departments.

**16** programs in the **top 25**  
**29** programs in the **top 50**

Including subfields:  
**27 in top 25**

Programs and subfields in the **top 10**:

- #1 I/O Psychology
- #5 Physics of Living Systems
- #8 Atomic/Molecular/Optical Physics
- #10 Biomedical Engineering
- #10 Entrepreneurship
- #10 Online General Management MBA
- #10 Online Business Analytics MBA

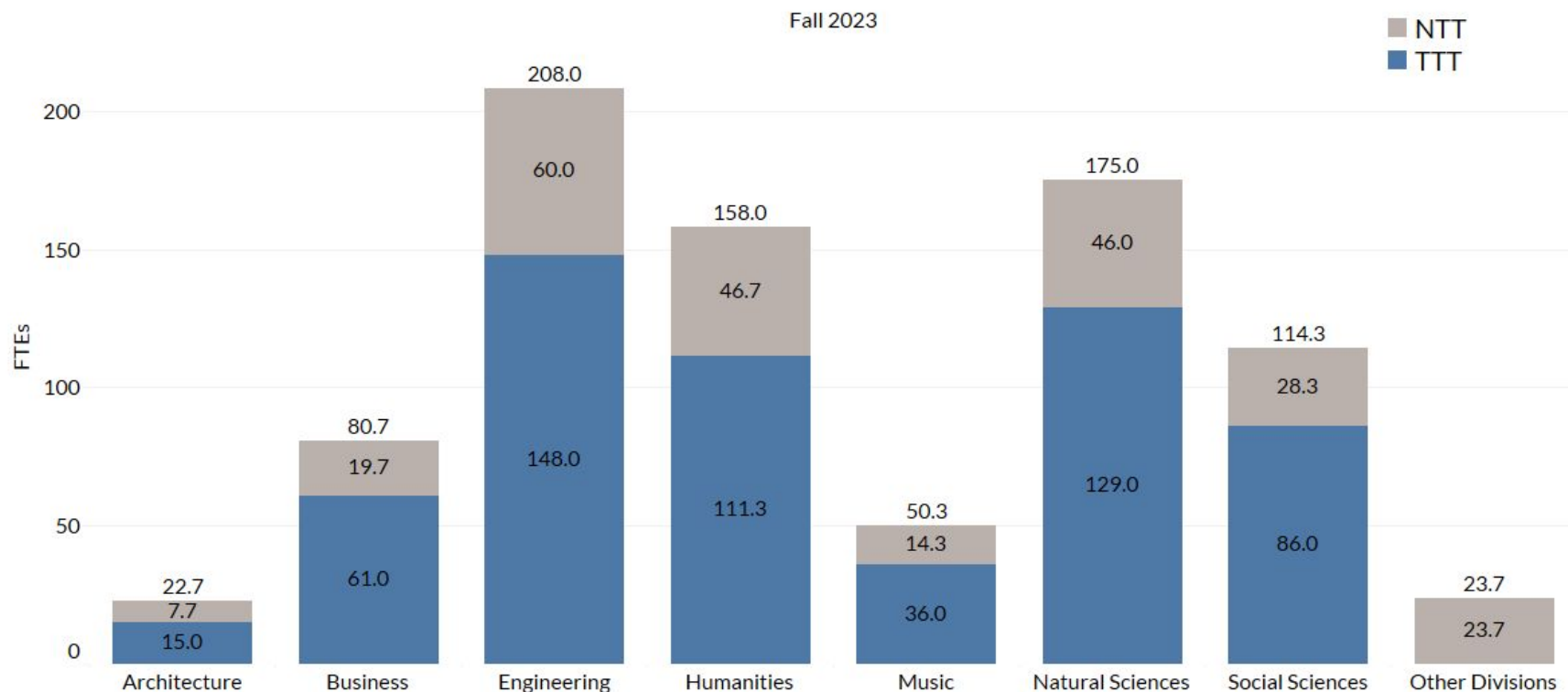


## FACULTY RESEARCH AND ACCOMPLISHMENTS



## INSTRUCTIONAL FACULTY FTE BY SCHOOL

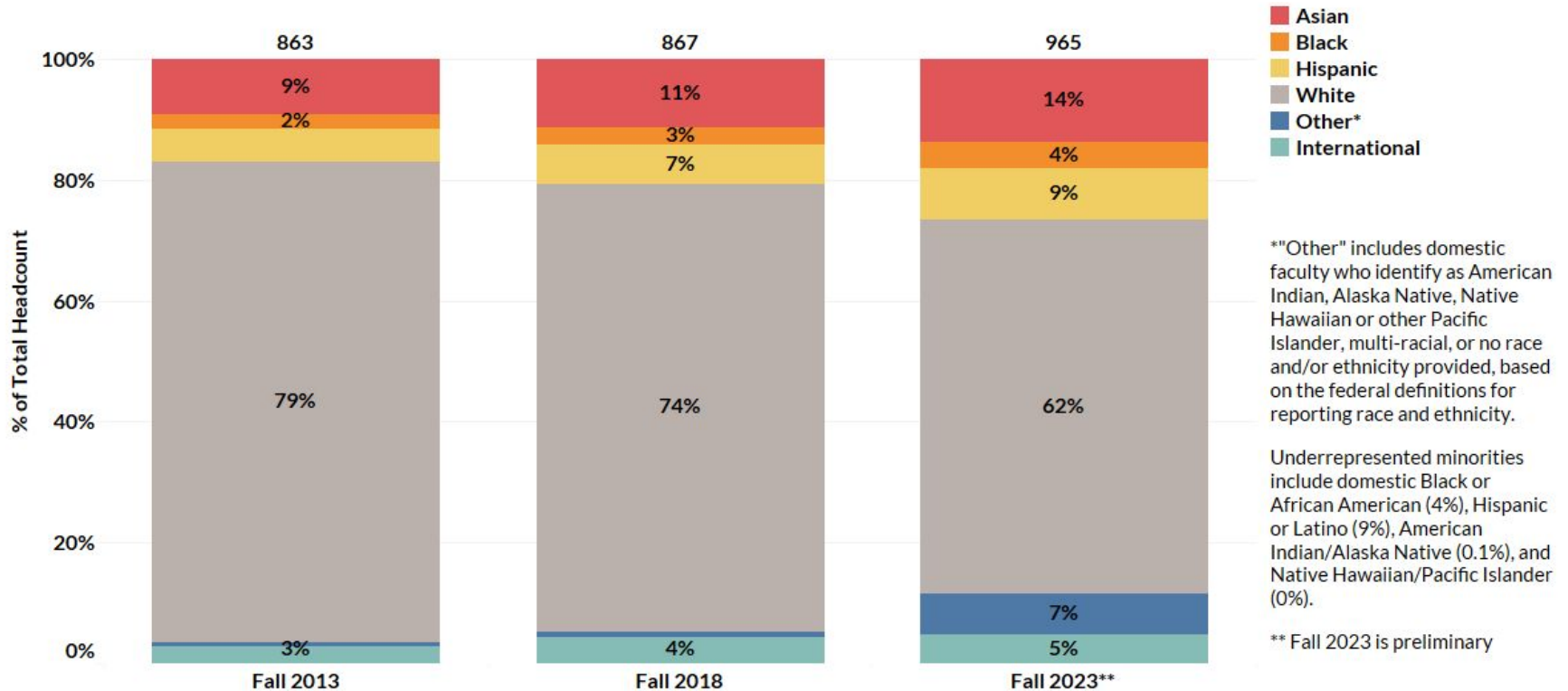
832 instructional FTEs in fall 2023, an increase of 4% from fall 2022



Instructional faculty are primarily instructional/research/public service or instructional only; excludes administrative officers with tenure and research faculty  
Data source: HR Census as of November 1, 2023 (preliminary counts)

## FACULTY DIVERSITY

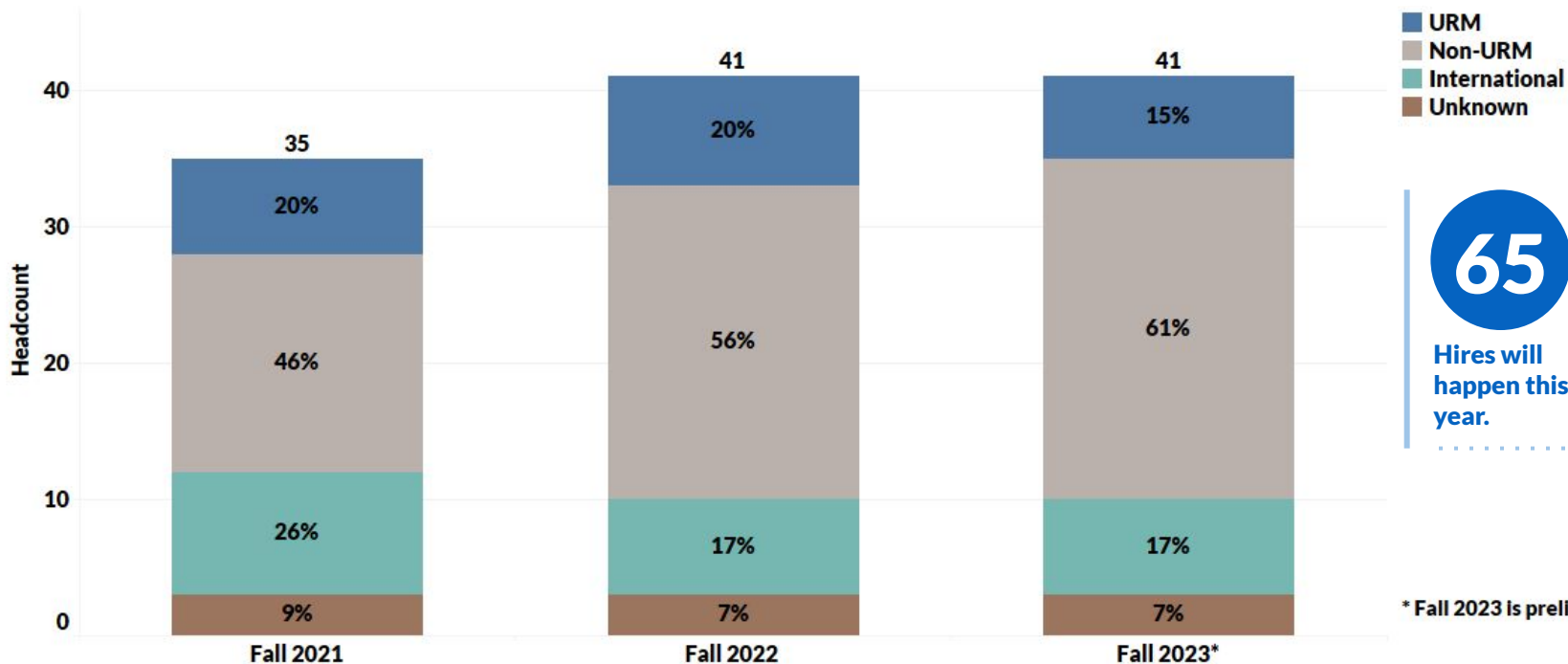
Underrepresented minorities account for 13% in fall 23 vs. 8% in fall 13



Note: Includes TTT and NTT instructional, research and administrative faculty headcounts  
Data source: IPEDS HR Census, as of November 1

## NEW HIRES: TTT FACULTY

Underrepresented minorities account for 15% of hires in fall 2023

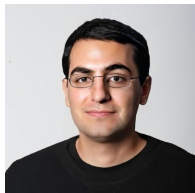


Underrepresented Minority (URM) includes domestic Black or African American, Hispanic or Latino, American Indian/Alaska Native, and Native Hawaiian/Pacific Islander; Non-URM includes domestic non-Hispanic Asian and White; Unknown includes domestic persons selecting two or more non-Hispanic races or race/ethnicity was not provided.  
Data Source: HR Census, as of November 1.





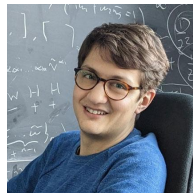
**Kirsten Adam**  
Assistant Professor  
Psychological  
Sciences



**Cyrus Aghamolla**  
Associate Professor of  
Accounting  
Jones Graduate  
School of Business



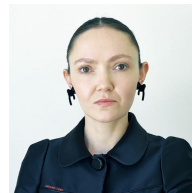
**Maryam Aliakbarpour**  
Michael B. Yuen and  
Sandra A. Tsai Assistant  
Professor  
Computer Science



**Thomas Geoffrey  
Anderson**  
Assistant Professor  
Computational Applied  
Mathematics and  
Operations Research



**Raudel Avila**  
Assistant Professor  
Mechanical  
Engineering



**Georgina Baronian**  
Assistant Professor  
School of Architecture



**Laura Correa Ochoa**  
Assistant Professor  
History



**Denva Gallant**  
Assistant Professor  
Art History



**Marianne Gedigian**  
Professor  
Shepherd School of  
Music



**Lars T. Heisenberg**  
Assistant Professor  
Philosophy



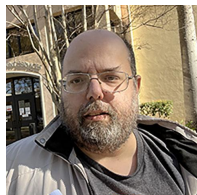
**Robert Howell**  
Professor  
Philosophy



**Huatse Gyal**  
Assistant Professor  
Anthropology



**Andre Izidoro  
Ferreira da Costa**  
Assistant Professor  
Earth Environmental  
Planetary Sciences



**Nets Katz**  
W. L. Moody Professor  
Mathematics



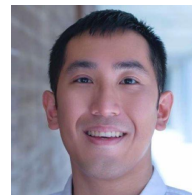
**Sven Kranz**  
Associate Professor  
BioSciences



**Theresa Loveless**  
Assistant Professor  
BioSciences



**Vivian Lu**  
Assistant Professor  
Anthropology



**Hengrui Luo**  
Assistant Professor  
Statistics



**Lane Martin**  
Welch Professor of  
Materials Science and  
NanoEngineering  
Materials Science &  
Nanoengineering



**Larissa Simoes  
Novelino**  
Assistant Professor  
Civil and Environmental  
Engineering



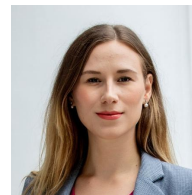
**Kwadwo Osei-Opare**  
Assistant Professor  
History



**Tirthak Patel**  
Assistant Professor  
Computer Science



**Scott Powers**  
Assistant Professor  
Sport Management



**Emily Prinsloo**  
Assistant Professor of  
Marketing  
Jones Graduate School  
of Business



**Diana Jue-Rajasingh**  
Assistant Professor  
Jones Graduate  
School of Business



**Kaitlyn Robinson**  
Assistant Professor  
Political Science



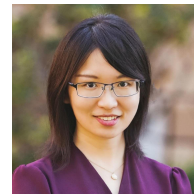
**Andrea Rummel**  
Assistant Professor  
BioSciences



**Linsey Sainte-Claire**  
Assistant Professor  
Modern and Classical  
Literatures and Cultures



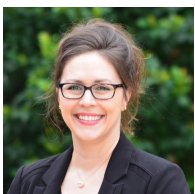
**James Shee**  
Assistant Professor  
Chemistry



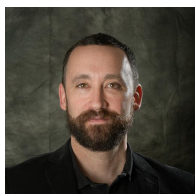
**Shihan Shen**  
Assistant Professor  
Economics



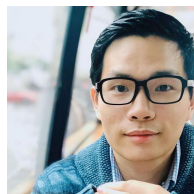
**Matthew Tyler**  
Assistant Professor  
Political Science



**Miranda Waggoner**  
Associate Professor  
Sociology



**Joshua Winograde**  
Professor  
Shepherd School of  
Music



**Yonglong Xie**  
Assistant Professor  
Physics and  
Astronomy



**Momona Yamagami**  
Assistant Professor  
Electrical and  
Computer Engineering



**Lu Zhang**  
Assistant Professor  
Computational  
Applied Mathematics  
and Operations  
Research





\$45 million ARPA-H cancer  
implant technology



RICE  
**Biotech Launch Pad**

**FACULTY ACHIEVEMENTS****Ugochi Emenaha**

Associate director and faculty in the Masters of Art in Teaching Program in the Glasscock School of Continuing Studies

Multicultural Children's Publication Award for her book "Beautiful."

**Daniel Domingues**

Associate professor of history in the School of Humanities

National Endowment for Humanities fellowship

**Danielle Ward-Griffin**

Assistant professor of musicology in the Shepherd School of Music

National Endowment for Humanities fellowship

**NATIONAL SCIENCE FOUNDATION STRENGTHENING AMERICAN INFRASTRUCTURE GRANT****Dominic Boyer**

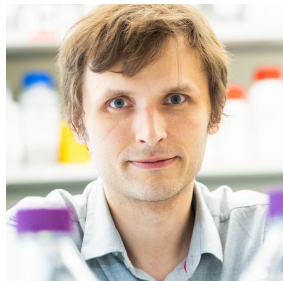
Professor of anthropology and principal investigator

**Albert Pope**

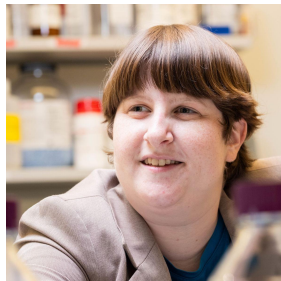
Gus Sessions Wortham Professor of Architecture and co-principal investigator

**JAMIE PADGETT WINS TEXAS  
ACADEMY'S O'DONNELL AWARD****Jamie Padgett**

The Stanley C. Moore Professor in Engineering and chair of the Department of Civil and Environmental Engineering

**NIH DIRECTOR'S NEW INNOVATOR AWARDS****Jerzy Szablowski**

Assistant professor of bioengineering

**Julea Vlassakis**

Assistant professor of bioengineering

**U.S. DEPARTMENT OF DEFENSE VANNEVAR BUSH  
FACULTY FELLOWSHIPS****Qimiao Si**

Harry C. and Olga K. Wiess Professor of Physics and Astronomy

**Jeffrey Tabor**

Professor of bioengineering and biosciences





State of the University  
2023

## JUNIOR FACULTY ACHIEVEMENTS

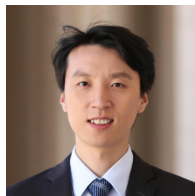
### NSF Career Awards



**James Chappell**  
Bioengineering and  
BioSciences



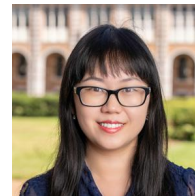
**Songtao Chen**  
Electrical and  
Computer Engineering



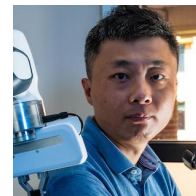
**Taiyun Chi**  
Electrical and  
Computer Engineering



**Kory Evans**  
Biosciences



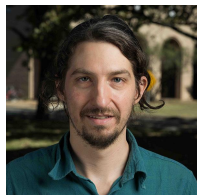
**Yimo Han**  
Materials Science and  
Nanoengineering



**Kaiyu Hang**  
Computer Science



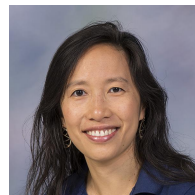
**Danielle King**  
Psychological Sciences



**Brandon Levin**  
Mathematics



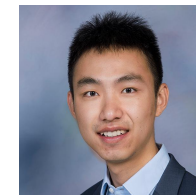
**Lauren Stadler**  
Civil and  
Environmental  
Engineering



**Evelyn Tan**  
Physics and  
Astronomy



**Todd Treangen**  
Computer Science



**Hanyu Zhu**  
Materials Science and  
Nanoengineering



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## JUNIOR FACULTY ACHIEVEMENTS



**Luz Garcini**, assistant professor of psychological sciences at Rice University and interim director of Community Health at the university's Kinder Institute for Urban Research, is a recipient of the American Psychological Association's Achievement Award for Early Career Psychologists.



**Santiago Segarra**, assistant professor of Electrical and Computer Engineering, received the Early Career Program Award from the Army Research Office



Author **Bryan Washington**, an assistant professor of creative writing, released his third book and second novel, "Family Meal."



**Julian West**, associate professor of chemistry, received a Cottrell Scholar Award. The program is highly selective, and only 25 of the early-career awards are given to chemists, physicists and astronomers from U.S. and Canadian research universities each year.



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2023

## NEW INSTITUTE LEADERS



### **Doerr Institute for New Leaders**

**Bernard "Bernie" Banks, Director**



### **Rice Advanced Materials Institute**

**Lane Martin, Director**

Welch Professor of Materials  
Science and NanoEngineering in the  
George R. Brown School of  
Engineering



### **Rice Sustainability Institute**

**Carrie Masiello, Director**

W. Maurice Ewing Professor of  
Biogeochemistry, Earth,  
Environmental and Planetary  
Sciences and professor of chemistry  
and biosciences



### **Medical Humanities Institute**

**Kirsten Ostherr, Director**

Gladys Louise Fox Professor of  
English





Houston Methodist-Rice  
University Human  
Performance Center



Houston Methodist  
accelerator at the Ion



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2023

## GLOBAL FOOTPRINT

### Rice Paris Center





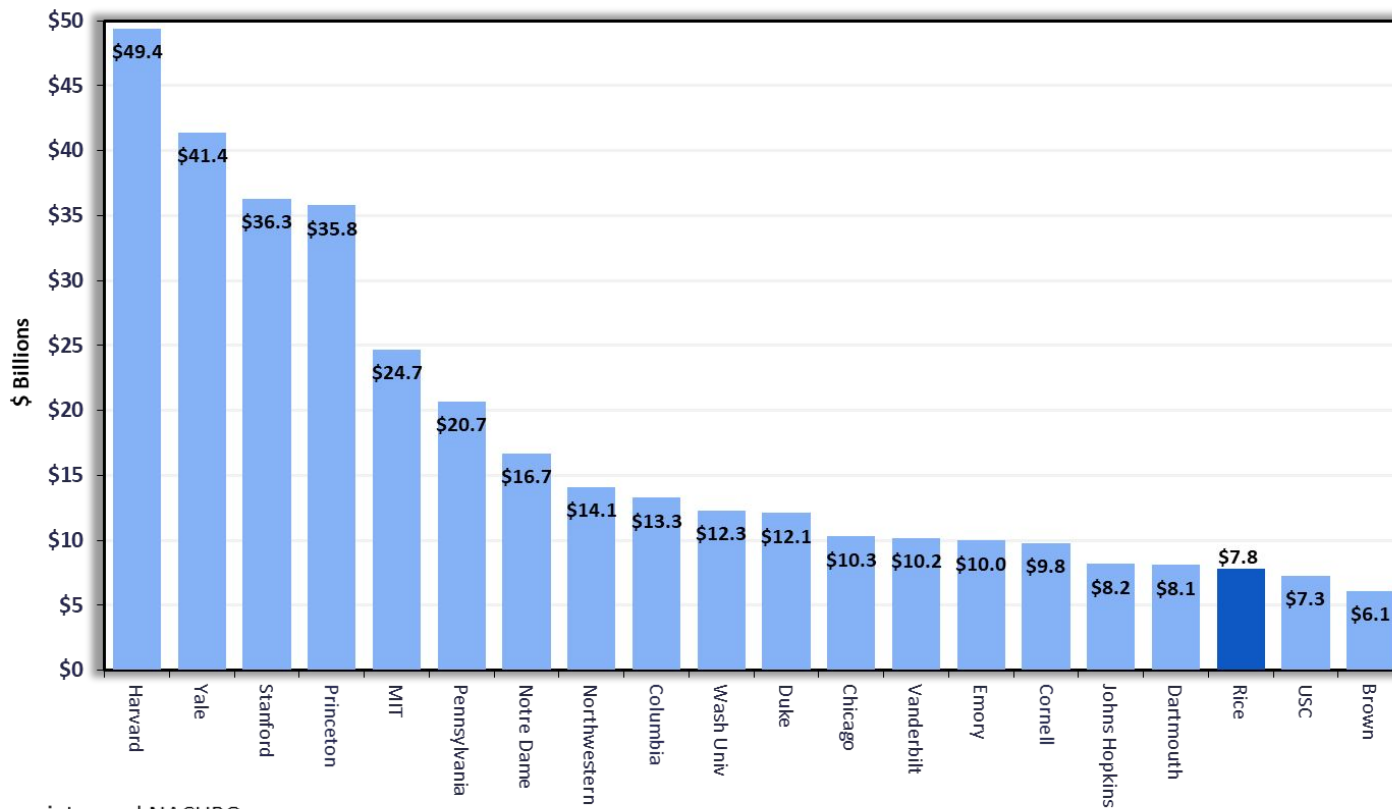


**STRONG FINANCIAL FOUNDATION**

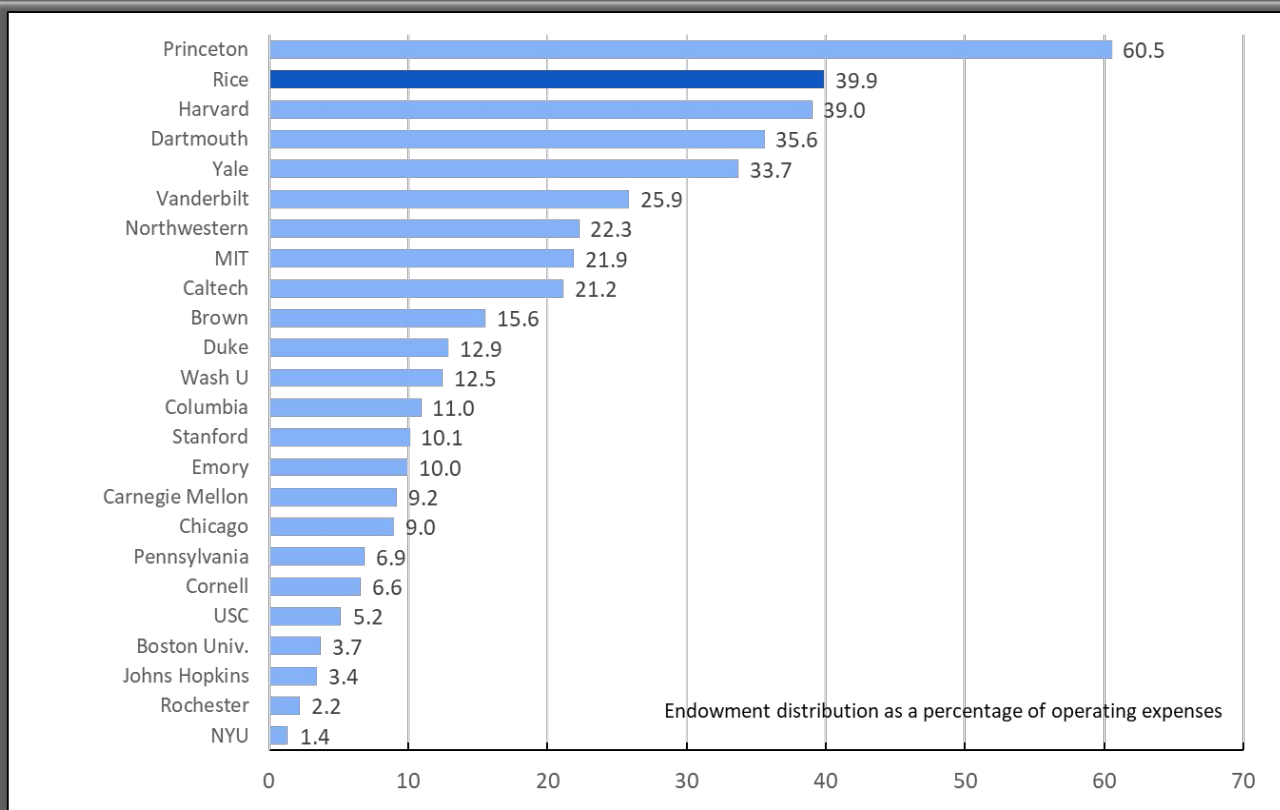




## TOP-20 UNIVERSITIES ENDOWMENT MARKET VALUE (AS OF 7/1/22)

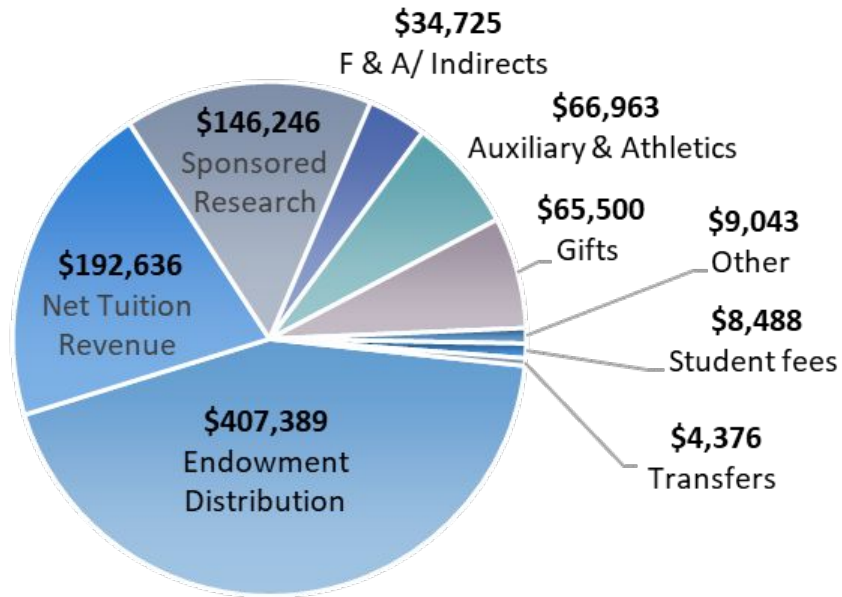


## TOP-20 UNIVERSITIES PERCENT OF OPERATING BUDGET FUNDED BY ENDOWMENT (FY 2022)

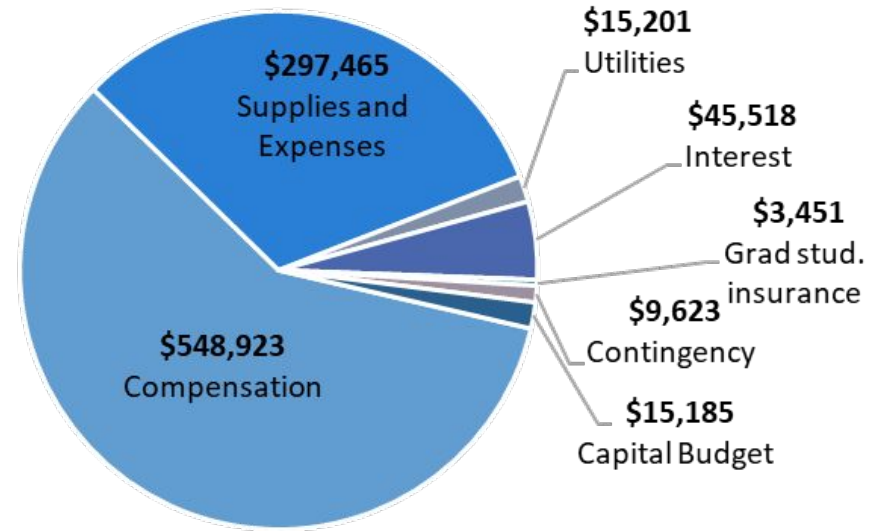




## FY 2024 Revenues - \$935.4 Million



## FY 2024 Expenses - \$935.4 Million





Launched in 2019-20, the Rice Investment greatly expands support for low and middle income families, eliminating tuition for many talented students.

Undergraduate domestic students with family income below \$75,000\* receive a grant that covers full tuition, mandatory fees and room and board.

Students with family income between \$75,000 and \$140,000\* receive at least a full tuition scholarship.

Students with family income between \$140,000 and \$200,000\* receive at least a half tuition scholarship.

Rice students who qualify for the Rice Investment are not required to take out student loans as part of their financial aid packages.

\*With typical assets



**46%** of students are receiving need-based financial aid.



**56%** of students receive some form of financial aid

**80%** of Rice students graduate debt-free.

## INVESTMENTS

47 FTEs new fully funded staff positions

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## COMPENSATION

\$8.7M of the FY 2024 budget will go to faculty and staff pay raises

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## BENEFITS

New Staff Paid Parental Leave Policy

New NTT Paid Parental Leave Policy

### *Coming Soon:*

Benefits administrator review

TT Paid Parental Leave Policy





# CAPITAL IMPROVEMENTS





**RALPH S. O'CONNOR BUILDING FOR ENGINEERING AND SCIENCE****WILLIAM T. CANNADY HALL**

**CAMPUSWIDE**

Campus Master Plan  
Carbon Neutral Plan  
Transportation Master Plan  
Academic Quad Landscape Project

**ACADEMIC**

O'Connor Engineering and Science Building  
Cannady Hall  
Sarofim Hall  
Jones Business School Expansion  
Vivarium expansion

**STUDENT LIFE**

Hanszen College 1957 wing replacement  
Moody Center for Student Life and Opportunity  
Residential Colleges 12 and 13



Susan and Faye Sarofim Hall



# LOOKING TO THE FUTURE







Endowment tax

Affirmative action/DEI

Texas, congressional political landscape

Freedom of Speech

Research Security

Student debt and Affordability

Mental health



RICE

State of the University  
2023

## STRATEGIC PLAN

36 focus groups with more than 350 faculty, staff, students, alumni, and board members

3,253 responses from seven Rice community surveys

Seven individual interviews with leaders at peer institutions

12 personal interviews of external stakeholders

10 meetings with the guiding committees

Benchmarking of eight peer institutions (selected by Reggie and Amy)

Independent review of the higher education landscape

24 individual interviews with experts across campus

### DECEMBER

Update BOT on plan

### FEBRUARY

Present final draft plan to BOT

### AUGUST/SEPTEMBER

Roll out plan to internal and external audiences



RICE

State of the University  
2023

RICE BLUE FRIDAY





# QUESTIONS

