State of the University

President David Leebron • November 6, 2019
Vision for the Second Century, Second Decade

- Provide **transformative undergraduate education**
- Build **renowned graduate programs**
- Invest **in faculty to achieve preeminence**
- Expand **access, diversity and inclusiveness**
- Elevate **research achievement and reputation**
- Extend **Rice’s reach and impact**
- Engage **Houston and empower its success**
Undergraduate/Graduate Enrolled Degree-seeking Students:
Rice evolves into a more balanced research university
Undergraduate/Graduate Students:
Rice exceeds 7,000 degree-seeking students

Growth and diversification of enrollment

Data Source: Office of the Registrar
Undergraduate Application Growth:
Rate declines to 8.7% for fall 2019
Undergraduate International Students:
Rice substantially increases its position

Data Source: Integrated Postsecondary Education Data System (IPEDS)
Applications from Chinese students
Steady for undergraduates

Undergraduate Applications

Data Source: Office of Enrollment
Applications from Chinese students increase for non-business masters and doctoral programs

In all three categories for Fall 2019, China was the country with the most applicants and India was the second largest.
Undergraduate/Graduate Enrolled Student Geographic Origin

12% international UG and 41% international GR, fall 2019

Data Source: Office of the Registrar
UG Domestic Students’ Ethnic Diversity:
Rice and peers, fall 2018

1 “Other” includes domestic students who identify as American Indian, Alaska Native, Native Hawaiian or other Pacific Islander.

Data Source: Integrated Postsecondary Education Data System (IPEDS)
see if you like my new subtitle.
John Cornwell, 11/5/2019

oh we need the academic year for these numbers
John Cornwell, 11/5/2019

+ cjw9@rice.edu can you tell me the academic year for these data, please?
John Cornwell, 11/5/2019

I am guessing AY 2018?
John Cornwell, 11/5/2019

+ jmc4@rice.edu
Data is for Fall 2018
your subtitle is accurate
maybe focus on less white?
Christy Witt, 11/5/2019

+ jmc4@rice.edu
need different subtitle
Christy Witt, 11/5/2019

We seldom highlight Hispanic so I liked linking it to Stanford and largest %.
John Cornwell, 11/5/2019
34% are URM, Pell, or First Generation for fall 2019 Matriculants

Of 856 Domestic Students:
107 - 1st Generation (12.5%)
156 - Pell Grant recipient (18.2%)
245 - URM (underrepresented minority) (28.6%)

Underrepresented minority (URM) refers to domestic students who identify at least in part as American Indian, Alaska Native, Black or African American, Hispanic or Latino, Native Hawaiian or other Pacific Islander.

Data Sources: Office of the Registrar, Student Financial Aid, and Enrollment.
Undergraduate Pell Grant Recipients:
Rice and peers, AY 2017-18

Data Source: Integrated Postsecondary Education Data System (IPEDS)
Note: AY 2019 and AY 2020 data have not been submitted to IPEDS. Anne and Yanping usually calculate this % for IPEDS SFA. I followed the IPEDS instructions and used the DEVL SFA data in the DW to identify Pell recipients. Caution should be used when considering the last 2 AY.

Christy Witt, 11/5/2019
The Rice Investment, effective July 1, 2019:
46% of entering students from families of $200k income or less;
up from 41% in fall 2018
Undergraduate and Graduate Student Credit Hours (SCH):
Changing distribution by school

AY 2004-2005
- 14% Architecture
- 22% Engineering
- 5% Humanities
- 11% Jones School
- 26% Natural Sciences
- 4% Music
- 18% Social Sciences
Total SCH: 138,443

AY 2018-2019
- 16% Architecture
- 23% Engineering
- 28% Humanities
- 12% Jones School
- 15% Natural Sciences
- 4% Music
- 3% Social Sciences
Total SCH: 194,415

Only courses taken by degree seeking students offered in the seven academic schools are included.
Data Source: Office of the Registrar
Undergraduate and Graduate Engineering Students Credit Hours:
Growth in Computer Science

AY 2004-2005
24,770 SCH

AY 2018-2019
54,694 SCH

Degree-seeking undergraduate and graduate students are included in this analysis.
Data Source: Office of the Registrar
Doctoral Degrees: 70% increase 2004-05 to 2018-19

2004-05
Doctoral Degrees Awarded = 137

- Social Sciences: 9% (N=13)
- Natural Sciences: 33% (N=45)
- Engineering: 47% (N=65)
- Humanities: 4% (N=5)
- Music: 7% (N=9)

2018-19
Doctoral Degrees Awarded = 233

- Social Sciences: 12% (N=27)
- Natural Sciences: 28% (N=66)
- Engineering: 45% (N=105)
- Business: 4% (N=9)
- Music: 3% (N=7)
- Humanities: 8% (N=19)

Data Source: Office of the Registrar
Doctoral Degrees Awarded by Rice and Peers: Percent URM

2017-18 and Rice history

URM includes domestic students who identify as American Indian, Alaska Native, Black or African American, Hispanic or Latino, or Native Hawaiian or other Pacific Islander.

Data Source: Integrated Postsecondary Education Data System (IPEDS)
Vision for the Second Century, Second Decade
FACULTY
### Early Career Faculty Awards in 2018-19

<table>
<thead>
<tr>
<th>Faculty Member</th>
<th>Department</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>Matthew Brake</td>
<td>Mechanical Engineering</td>
<td>NSF CAREER Award</td>
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<tr>
<td>Adrienne Correa</td>
<td>Biosciences at Rice</td>
<td>Gulf Research Program Early-Career Research Fellow</td>
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<td>Bryan Denny</td>
<td>Psychological Sciences</td>
<td>Association for Psychological Science Rising Star</td>
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<tr>
<td>Kaden Hazzard</td>
<td>Physics and Astronomy</td>
<td>NSF CAREER Award</td>
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<tr>
<td>Pedram Hassanzadeh</td>
<td>Earth, Environmental, and Planetary Sciences</td>
<td>Gulf Research Program Early-Career Research Fellow</td>
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<tr>
<td>Ronen Mukamel</td>
<td>Mathematics</td>
<td>NSF CAREER Award</td>
</tr>
<tr>
<td>Thomas Senftle</td>
<td>Chemical and Biomolecular Engineering</td>
<td>PRF Doctoral New Investigator Grant</td>
</tr>
<tr>
<td>Mark Torres</td>
<td>Earth, Environmental, and Planetary Sciences</td>
<td>Sloan Research Fellowship</td>
</tr>
<tr>
<td>Ming Yi</td>
<td>Physics and Astronomy</td>
<td>Sloan Research Fellowship</td>
</tr>
<tr>
<td>Ming Yi</td>
<td>Physics and Astronomy</td>
<td>International Union of Pure and Applied Physics Young Scientist Prize</td>
</tr>
<tr>
<td>David Zhang</td>
<td>Bioengineering</td>
<td>Presidential Early Career Award for Scientists and Engineers</td>
</tr>
<tr>
<td>Hanyu Zhu</td>
<td>Materials Science &amp; Nanoengineering</td>
<td>Ralph E. Powe Junior Faculty Enhancement Award</td>
</tr>
</tbody>
</table>
Faculty Diversity: Gender

% of TTT & NTT faculty

- Fall 2012: 68.5%
- Fall 2015: 68.9%
- Fall 2019: 66.0%

Includes TTT and NTT instructional, research and administrative faculty.

Data Source: Faculty Census
Faculty Diversity: Race and Ethnicity
Underrepresented minorities account for 9.5% in fall 2019

Includes TTT and NTT instructional, research, and administrative faculty

* “Other” includes domestic faculty who identify as American Indian, Alaska Native, Native Hawaiian or other Pacific Islander, multi-racial, or no race and/or ethnicity provided per IPEDS.
• **Assistant Professor Jesus Vassallo and Professor Gus Albert Pope**, together with others at Rice, are recipients of $100,000 Department of Agriculture’s U.S. Forest Service grant to support the construction of mass timber buildings on college campuses, to be used for new Hanszen College wing: [https://news.rice.edu/2019/08/30/rice-wins-mass-timber-funding-from-feds%E2%80%A8/](https://news.rice.edu/2019/08/30/rice-wins-mass-timber-funding-from-feds%E2%80%A8/)

• **Associate Professor Troy Schaum**’s book on a decade of Totalization projects, a publication about our award-winning curriculum Totalization: [http://news.rice.edu/2019/09/12/rice-architectures-total-package/](http://news.rice.edu/2019/09/12/rice-architectures-total-package/)

• **Associate Professor Dawn Finley** receives Educator Award from the Houston Chapter of the American Institute of Architects: [http://news.rice.edu/2019/10/09/houstonarchitects-honor-three-rice-professors/](http://news.rice.edu/2019/10/09/houstonarchitects-honor-three-rice-professors/)

• **Danny Samuels, Professor in Practice and Interim Dean and Harry K. and Albert K. Smith Professor** and partners in Taft Architects are recipients of the Lifetime Achievement Award from the Houston Chapter of the American Institute of Architects: [http://news.rice.edu/honor-three-rice-professors/](http://news.rice.edu/honor-three-rice-professors/)

• **Undergraduate Will Letchinger, (BArch ’19) and graduate student Jonathan Wilkinson** are winners (June 2019) of the AIA/ACSA 2018/2019 COTE Top 10 for Students Awards, for project in fall 2018 Totalization studio at Rice School of Architecture Paris taught by John Casbarian. (shown here)
Accomplishments: Continuing Studies

- **Digital Skills Programs**
  Launched 13 new program offerings this year in the data and digital skills Space (Data Analytics, Cybersecurity, Coding, Fin-Tech). Fin-Tech was first in the country to offer the specialized curriculum. Total projected enrollments for 2019-2020: 600+.

- **Military Partnerships**
  Working with veteran nonprofits and corporate veteran affairs offices to accelerate the transition from military to civilian life. Examples: LeadRICE and HR professional certificate.

- **Education Impact**
  P16 Initiatives equipping educators with what they need to become instructional leaders, Glasscock Education programs will train an estimated 7,000 teachers, counselors, and administrators in 2019-2020; impact on preK-16 students 684,000 annually.

- **Education Innovation**
  Project Equip: A Houston Collaborative for Equity in Advanced Courses, a collaboration between HISD and OpenStax, HERC and the Glasscock School.
Research:

- Nest360 secures $68 million to prevent newborn deaths
- Naomi Halas cancer therapy clears clinical trials milestone
- Haotian Wang develops reactor to more easily and safely produce hydrogen peroxide
- Jordan Miller clears major hurdle to 3D printing organs
- Jacob Robinson secures DARPA grant to link the human brain to machines without surgery
- Materials Science and Nanoengineering rose 11 spots to No. 26 in U.S. News

Students:

- Graduated the largest class in history
- 2019 Fall incoming class was 42% women
- D2K grad presents findings at Houston City Council
Accomplishments: Humanities

Collaborations

- Schools of Humanities and Social Sciences have launched the Center for African and African American Studies, caaas.rice.edu, in response to increasing faculty and student interest.
- Rice anthropologists Cymene Howe and Dominic Boyer, who are part of an environmental humanities center involving faculty from the schools of Humanities, Architecture and Social Sciences, earned international media attention for memorializing Iceland’s first glacier lost to climate change.
- Humanities, in partnership with UT Health-McGovern Medical School, has launched a facilitated acceptance program for humanities majors to create better rounded future doctors with skills of communications, empathy, tolerance of ambiguity and critical thinking.

Faculty achievements and recognition

- Associate history Professor Aysha Pollnitz awarded a Mellon Foundation New Directions Fellowship for her new project on the translation of liberal education to the Americas in the 16th and 17th centuries.
- Associate history Professor Caleb McDaniel received national media attention for his latest book, Sweet Taste of Liberty: A True Story of Slavery and Restitution in America.
- Associate art history Professor Fabiola López-Durán received the Dedalus Foundation's 2019 Robert Motherwell Book Award for her publication Eugenics in the Garden: Transatlantic Architecture and the Crafting of Modernity.
- Sophie Esch, assistant professor of Mexican and Central American Literature and Culture, won the 2019 Latin American Studies Association (LASA)-Mexico prize for best book in the humanities for her publication, Modernity at Gunpoint: Firearms, Politics and Culture in Mexico and Central America.
Accomplishments: Jones School

- **Success of Ph.D. program**: Graduated 27 Ph.D.s since launching in 2009; 93% have tenure-track faculty positions.
- **Quality of faculty growth**: 52 tenure and tenure-track faculty, an all-time high. Hired 11 professors in last two years (7 in spring 2019).
- **Reputation for high quality academic research**: According to a recent study, Jones faculty research productivity in management is in the top 10 in the nation.
- Established a Joint Research Center on Sustainable Innovation with Tsinghua University, the #1 business school in China.
- **Entrepreneurship reputation**: Lilie and the Rice Alliance for Technology and Entrepreneurship ranked highly; No. 17 in US News and World Report, No. 13 in Poets and Quants; this month will be ranked No. 1 nationally by the Princeton Review.
- **Success of MBA@Rice**: In just over a year 23 tenured faculty produced courses for the MBA@Rice; 10 more faculty have courses in production. Enrolled 180 students, which exceeds estimates at launch and appears to be accelerating.
Publications that garnered unusual recognition or attention

- **Andrea Isella**, Young Jupiter was smacked head-on by massive newborn planet, [http://news.rice.edu/2019/08/14/young-jupiter-was-smacked-head-on-by-massive-newborn-planet/](http://news.rice.edu/2019/08/14/young-jupiter-was-smacked-head-on-by-massive-newborn-planet/)
- **Tom Killian**, University physicists are first to laser cool neutral plasma, [http://news.rice.edu/2019/01/03/next-up-ultracold-simulators-of-super-dense-stars/](http://news.rice.edu/2019/01/03/next-up-ultracold-simulators-of-super-dense-stars/)

Unique faculty award:

Accomplishments: Shepherd School

Alumni

- **Carl Anderson (MM ’19)** won a position in the double bass section at the Boston Symphony Orchestra.
- **Frederick Ballentine (MM ’13)** performed the leading role of Sportin’ Life in the Metropolitan Opera’s new production of *Porgy and Bess*. He joins other Rice alums who have made their Met Opera debut: **Aaron Blake (MM ’09)**, **Brenton Ryan (MM ’11)**, **Ian Kozlara (MM ’12)**, **Sarah Mesko (MM ’10)**, **Carolyn Sproule (MM ’12)** (will have her debut in 2020), **Jennifer Johnson Cano (MM ’03)**, **Sasha Cooke (MM ’04)** and **Anna Christy (BM ’98)**.
- **Tommy Dougherty (MM ’15)** is the recipient of the 2019 ASCAP Foundation Leo Kaplan Award and a recipient of the 2019 Morton Gould Award.
- **Tommy Glass (MM ’16)** was one of five winners of the 2019 Metropolitan Opera National Council Auditions.
- **Sarah Lawrence College President Cristle Collins Judd (BM & MM ’82)** received one of five Distinguished Alumni Awards “for graduates who have advanced the interests and standards of excellence of Rice University through distinctive professional or volunteer careers.”
- **Meghan Kasanders (MM ’16)** recently joined the Columbia Artist roster. She is also a 2019 Grand Finalist in the Metropolitan Opera National Council Auditions and both the First Prize and Audience Choice Winner in the 2019 Dallas Opera Guild Vocal Competition.
- **Michael Marks (MM ’18)** won a position in the Double Bass Section at National Symphony Orchestra.
- Current undergraduate student in horn performance **Elisabeth Pesavento** is the first place winner in the International Horn Competition of America.
- **Mary Thornton (BM ’91)** was elected to serve on the Board of Directors of the International Trumpet Guild.

Faculty

- Professor of Piano **Jackie Parker** was appointed Creative Partner for Summer Programming at Minnesota Orchestra’s Sommerfest.
- Professor of Composition and **Theory Pierre Jalbert’s Piano Trio No. 2** (2014) received its European premiere performed by the Morgenstern Trio.
- Professor of Composition and Theory and Chair of Composition and Theory **Anthony Brandt** is a coauthor along with alumna **Molly Gebrian (DMA ’10)** of a chapter in the newly published *Oxford Handbook of Music and the Brain*. Brandt is also the coauthor of *The Runaway Species: How Human Creativity Remakes the World*.
- Professor of Violin **Cho-Liang Lin** was appointed artistic director of the National Taiwan Symphony Orchestra’s Youth Music Summer Camp.
Accomplishments: Social Sciences

- **Linguistics**: Robert Engelbreton and Simon Fischer-Baum awarded a $1.4 million IES grant: “Exploring the Knowledge, Skills and Strategies Teachers of Students with Visual Impairments; Need to Effectively Teach Braille Reading and Writing.”
- **Psychological Sciences**: Eduardo Salas and his students have advanced the science of training teams to work effectively; Salas has been part of collaborative research teams awarded $7 million in grants to study teamwork.
- **Psychological Sciences**: Chris Fagundes received $3.8 million NIH grant to study chronic stress of caregiving of a spouse with Alzheimer’s.
- **Sociology**: Professor Jim Elliott co-authored a paper on unequal disaster recoveries with Rice Ph.D. Junia Howell in *Social Problems* (a "top four" journal in Sociology) which received a publication award from the American Sociological Association; has been covered on air and in print by National Public Radio; has been presented by invitation to the National Academy of Sciences and leading universities, including Harvard’s Kennedy School of Government; is now informing a major lawsuit in Texas on inequities in post-Harvey recovery; and will be presented next month to the Government Accountability Office (GAO) – the research wing of the U.S. Congress.
- **Anthropology**: Professor Dominic Boyer and Associate Professor Cymene Howe’s Okjökull glacier memorial event in August garnered world-wide media coverage. Rice News thinks it may have been the biggest news story (in terms of media pickups) in the history of Rice.
- **Sport Management** is partnering with the Houston Texans and the Houston Rockets on two different classes this semester.
- **Political Science**: Professors Matthew Hayes and Diana O’Brien (with Bryce Dietrich) published “Pitch Perfect: Vocal Pitch and the Emotional Intensity of Congressional Speech” in the *American Political Science Review*. 
Articles per Faculty: Comparison with AAU peers (Fall 2017 faculty count)

Data Source: Academic Analytics AAD2017; journal articles published from 2014 to 2017
Citations per Faculty:
Comparison with AAU peers (Fall 2017 faculty count)

Data Source: Academic Analytics AAD2017; Citations data are reported for articles and conference proceedings published from 2013 to 2017
Sponsored Research Expenditures:
$133 million in FY 2019
Research Awards by Sponsor:
$156.5 million in FY 2019

Growth in Research Awards of $2 Million or More

## Success with Large Scale Proposals:
Awards of $5 million or more received in 2019

<table>
<thead>
<tr>
<th>Project</th>
<th>Amount (in millions)</th>
<th>PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEWT Renewal</td>
<td>$18.0</td>
<td>Alvarez</td>
</tr>
<tr>
<td>NEST-360</td>
<td>$68.0</td>
<td>Richards-Kortum</td>
</tr>
<tr>
<td>Army National Security Center</td>
<td>$30.0</td>
<td>Shamoo</td>
</tr>
<tr>
<td>National Alliance for Water Innovation</td>
<td>$100.0</td>
<td>Alvarez</td>
</tr>
<tr>
<td>MOANA-Magnetic, Optical, &amp; Acoustic Neural Access Device</td>
<td>$18.0</td>
<td>Robinson</td>
</tr>
<tr>
<td>RENEW-Next Generation End-to-End Wireless</td>
<td>$6.3</td>
<td>Sabharwal</td>
</tr>
<tr>
<td>Next Generation Teams &amp; Organizational Subsytems</td>
<td>$5.9</td>
<td>Salas</td>
</tr>
<tr>
<td>Life Essential Ingredients in Young Rocky Planets</td>
<td>$6.6</td>
<td>Dasgupta</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$252.8</strong></td>
<td></td>
</tr>
</tbody>
</table>

**CPRIT was renewed in yesterday’s election**
- $64.1 million to Rice since program began in 2007
- Helped bring 14 faculty to Rice
All Research Expenditures:
Adjusted for size, Rice ranked 52 in dollars per PI (2017)

<table>
<thead>
<tr>
<th>Institutions</th>
<th>All R&amp;D Expenditures</th>
<th>Total Dollar Rank</th>
<th>Dollars per PI</th>
<th>Rank: Dollars per PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Caltech</td>
<td>$400.3M</td>
<td>60</td>
<td>$1,251.0K</td>
<td>17</td>
</tr>
<tr>
<td>Princeton</td>
<td>$344.8M</td>
<td>70</td>
<td>$1,035.5K</td>
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<tr>
<td>Harvard</td>
<td>$1,123.2M</td>
<td>9</td>
<td>$988.7K</td>
<td>23</td>
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<tr>
<td>MIT</td>
<td>$952.0M</td>
<td>14</td>
<td>$976.4K</td>
<td>24</td>
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<tr>
<td>JHU</td>
<td>$2,562.3M</td>
<td>1</td>
<td>$837.1K</td>
<td>32</td>
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<tr>
<td>Duke</td>
<td>$1,126.9M</td>
<td>8</td>
<td>$821.4K</td>
<td>34</td>
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<tr>
<td>Penn</td>
<td>$1,374.3M</td>
<td>4</td>
<td>$807.5K</td>
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<tr>
<td>USC</td>
<td>$764.3M</td>
<td>27</td>
<td>$757.5K</td>
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<tr>
<td>Stanford</td>
<td>$1,109.7M</td>
<td>10</td>
<td>$752.9K</td>
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<tr>
<td>Yale</td>
<td>$951.1M</td>
<td>15</td>
<td>$740.7K</td>
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<td>Case Western</td>
<td>$408.6M</td>
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<td>$727.1K</td>
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<td>Rice</td>
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<td>CMU</td>
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<td>$692.2K</td>
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<td>Vanderbilt</td>
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<td>$675.6K</td>
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<td>Chicago</td>
<td>$433.3M</td>
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<td>Brown</td>
<td>$212.3M</td>
<td>103</td>
<td>$631.8K</td>
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<td>Columbia</td>
<td>$893.1M</td>
<td>20</td>
<td>$621.0K</td>
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<td>Tulane</td>
<td>$181.0M</td>
<td>121</td>
<td>$615.6K</td>
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<td>NYU</td>
<td>$917.7M</td>
<td>18</td>
<td>$599.0K</td>
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<tr>
<td>Northwestern</td>
<td>$751.8M</td>
<td>29</td>
<td>$595.3K</td>
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<td>Cornell</td>
<td>$984.5M</td>
<td>12</td>
<td>$550.3K</td>
<td>94</td>
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<tr>
<td>Boston U</td>
<td>$421.4M</td>
<td>57</td>
<td>$545.8K</td>
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</tr>
<tr>
<td>WashU</td>
<td>$754.5M</td>
<td>28</td>
<td>$538.9K</td>
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<tr>
<td>Emory</td>
<td>$664.9M</td>
<td>34</td>
<td>$504.5K</td>
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<tr>
<td>Rochester</td>
<td>$353.0M</td>
<td>68</td>
<td>$397.1K</td>
<td>185</td>
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<tr>
<td>Brandeis</td>
<td>$68.4M</td>
<td>174</td>
<td>$393.3K</td>
<td>188</td>
</tr>
</tbody>
</table>

R&D Expenditures include expenditures from federal, state, industry, non-profit and institutional support.
Data Source: National Science Foundation Higher Education and Development Survey (NSF HERD)
Rice will have invested almost $1.8 billion in facilities between FY 2005 and FY 2026

<table>
<thead>
<tr>
<th>Plan (Dollars in millions)</th>
<th>Total Project Cost</th>
<th>Academic</th>
<th>Student and Campus Life*</th>
<th>Other**</th>
</tr>
</thead>
<tbody>
<tr>
<td>V2C Capital Plan (complete)</td>
<td>$854.2</td>
<td>$469.5</td>
<td>$337.8</td>
<td>$46.9</td>
</tr>
<tr>
<td>Current Capital Plan (complete)</td>
<td>$151.9</td>
<td>$61.1</td>
<td>$12.8</td>
<td>$77.5</td>
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<tr>
<td>V2C2 Capital Plan (working draft)</td>
<td>$746.3</td>
<td>$521.5</td>
<td>$131.3</td>
<td>$93.5</td>
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<tr>
<td><strong>Total Projected Investment</strong></td>
<td>$1,752.4</td>
<td>$1,052.1</td>
<td>$481.9</td>
<td>$217.9</td>
</tr>
</tbody>
</table>

*Includes $296M for undergraduate colleges and graduate student apartments  
**Includes infrastructure projects and administrative facilities (e.g., COB, Lovett Hall, Police Station)
Current capital projects and plans

**Student Life**
- New Sid Richardson College
- Hanszen College 1957 wing replacement
- Student Center with Multicultural Center
- Air Structure for Athletics practice
- Shakespeare Street graduate housing

**Academic**
- Rice University Music and Performing Arts Center
- New VADA building
- Kraft Hall for Social Sciences
- MD Anderson Biological Laboratory renovation
- BRC buildout for Neuroengineering and SynBio
- BRC Infrastructure buildout
- McNair Hall renovation
- Maxfield Hall renovation
- Cannady Hall (Anderson Hall annex expansion)
- New Engineering and Science building
- Oshman Engineering Design Kitchen expansion
- Fondren Library renovation
- George R. Brown renovation
- Sewall Hall renovation

**Infrastructure/Administrative**
- 15 kV Switchgear replacement
- Loop Road and Entrance 8 road
- Boiler 6 burner replacement
- Library Service Center expansion
- New police station
- New parking garage
- Lovett Hall renovation
Vision for the Second Century, Second Decade

REACH
Ways that Rice engages with Houston

- Houston Education Research Consortium
- SSPEED Center
- Kinder Institute for Urban Research
- Glasscock School of Continuing Studies
- Data to Knowledge lab
- Hurricane Harvey registry
- Houston Jewish History Archives
- Boniuk Institute
- The Ion/South Main Innovation District
- Performances, lectures, art, cinema, tours, sports
The Ion construction underway with a target delivery of first quarter 2021.
- Project on budget and on schedule.
- Early discussions with potential tenants like NASA, oil and gas companies and technology firms.
- Hired Ion executive director: Gabriella “Gaby” Rowe.
- Over the last year, Station Houston, the Ion’s entrepreneurial hub and programming partner doubled membership, quadrupled corporate partnerships and is on track to receive 18,000 visitors in 2019.

South Main Innovation District
- Rice controls 15.8 acres of land in Midtown.
- RMC team interviewing developers. Land around the Ion will include food and beverage options, events and farmers markets.
- Development strategy focuses on public outdoor space and activated ground floors of every new building.
- Positive outreach with surrounding stakeholders.
Online Enrollment Growth
Strategy shifts towards fee-based programs

<table>
<thead>
<tr>
<th>Year</th>
<th>Students Enrolled</th>
<th>Revenue Generated*</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015</td>
<td>765,862</td>
<td>$642,219</td>
</tr>
<tr>
<td>2016</td>
<td>399,058</td>
<td></td>
</tr>
<tr>
<td>2017</td>
<td>154,510</td>
<td>$1,144,596</td>
</tr>
<tr>
<td>2018</td>
<td>176,386</td>
<td>$1,988,288</td>
</tr>
<tr>
<td>2019</td>
<td>212,049</td>
<td></td>
</tr>
</tbody>
</table>

* Reflects total revenue generated; not Rice's share.
** Only includes Coursera enrollments.
Data Source: Digital Education
International engagement with Rice Online by country

Total enrollments in FY19: 212,049
66% international: 142,072
3 million + enrollments to date
Online MBA launched July 2018
Online CS MS degree launched Aug. 2019

Data Source: Rice Online
Operating Revenues and Expenses:
Endowment supported 38% of revenues in FY 2019

Data Source: Rice Financial Statements
Undergraduate Net Tuition Revenue:
FY 2019 tuition discount rate: 49.3%

Discount Rate in FY 2005 was 36.5%
29% of aid funded from endowed scholarships
Emerging Revenues:
Opportunities for growth in different student markets

Data source: Finance
Rice Endowment

Data Source: Rice Management Company
Rice remains in the targeted spending range of 4.5%-5.5% of endowment market value.
Debt and Credit Rating:
$956.6 million debt outstanding on June 30, 2019
Plans to issue additional debt in 2020

### Private Institutions

<table>
<thead>
<tr>
<th>Aaa rated</th>
<th>Aa1 rated</th>
<th>Aa2 rated</th>
</tr>
</thead>
<tbody>
<tr>
<td>RICE</td>
<td>Duke</td>
<td>Emory</td>
</tr>
<tr>
<td>Harvard</td>
<td>Pennsylvania</td>
<td>Chicago</td>
</tr>
<tr>
<td>Yale</td>
<td>Wash U.</td>
<td>Vanderbilt</td>
</tr>
<tr>
<td>MIT</td>
<td>Dartmouth</td>
<td></td>
</tr>
<tr>
<td>Princeton</td>
<td>Brown</td>
<td></td>
</tr>
<tr>
<td>Stanford</td>
<td>Cornell</td>
<td></td>
</tr>
<tr>
<td>Notre Dame</td>
<td>USC</td>
<td></td>
</tr>
<tr>
<td>Columbia</td>
<td>Northwestern</td>
<td></td>
</tr>
</tbody>
</table>

### Other Aaa rated schools

<table>
<thead>
<tr>
<th>Private</th>
<th>Public</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amherst</td>
<td>Indiana</td>
</tr>
<tr>
<td>Berea</td>
<td>Purdue</td>
</tr>
<tr>
<td>Grinnell</td>
<td>Texas A&amp;M</td>
</tr>
<tr>
<td>Pomona</td>
<td>Michigan</td>
</tr>
<tr>
<td>Swarthmore</td>
<td>North Carolina</td>
</tr>
<tr>
<td>Washington</td>
<td>Texas</td>
</tr>
<tr>
<td></td>
<td>Virginia</td>
</tr>
</tbody>
</table>
Percentage of undergraduate alumni who gave by year:

- FY 14: 29%
- FY 15: 34%
- FY 16: 33%
- FY 17: 32%
- FY 18: 29%
- FY 19: 32%

Data Source: Development and Alumni Relations
Vision for the Second Century, Second Decade

CHALLENGES
Admissions

- Demographic projections forecast decline in high school population
- Harvard lawsuit on race in admissions
- Varsity Blues
- National Association for College Admission Counseling (NACAC) vote to:
  - remove restrictions from offering incentives for early decision applicants
  - prevent recruiting of first year students who have committed to another college
  - limit how transfer students are recruited
The World We Live In: Challenges

Federal issues
- Reputation and compliance costs and risk
- Increasing regulation, especially in the international arena (Required disclosure of foreign collaborations, gifts and contracts)
- Immigration and visa limitations and uncertainty
- Federal research funding
- Higher education reauthorization
- Endowment excise tax: 1.4% of net investment income

The economy
- Recession concerns
- Trade wars
- Pressure on philanthropy

Student life
- Title IX; sexual misconduct
- Health and mental health
- Access and affordability
- Athlete compensation: NCAA ruling
Interpersonal sexual misconduct and assault is lower than our peers, but still at unacceptable levels:

- Among undergraduates, 22.6% of female students and 5.2% of male students reported some form of nonconsensual sexual contact.
- Among graduate students, 6.9% of females and 0.6% of males reported some form of nonconsensual sexual contact.

For context, the AAU aggregate data showed:

- Among undergraduates, 31.5% of females and 9% of males reported nonconsensual sexual contact.
- Among graduate students, 13.1% of females and 3.6% of males reported nonconsensual sexual contact.

Growing awareness of resources:

- 95% of students reported awareness of one or more of the programs and support services that Rice provides.

To see the survey results and learn about programs to prevent sexual misconduct and for support services for victims, go to: Safe.rice.edu

Survey was administered to all undergraduate and graduate students during Spring 2019.
Task Force on Slavery, Segregation and Racial Injustice:
Co-chairs: Alex Byrd and Caleb McDaniel

Teveia Barnes ’75, Board of Trustees, Emerita
John B. Boles ’65, History
Donald Bowers ’91, Board of Trustees
Edward L. Cox, History, Emeritus
Elaine Howard Ecklund, Sociology
Gabrielle Falcon, Undergraduate, Class of 2020
Jeffrey Fleisher, Anthropology
C. Fred Higgs III, Mechanical Engineering,
Vice Provost for Academic Affairs
John S. Hutchinson, Chemistry
William D. Jones, Graduate Student, History
Eden B. King ’01, Psychology
Fabiola López Dúran, Art History, Hanszen College Magister
Ruth N. López Turley, Sociology

Akilah Mance ’05
Allen J. Matusow, History Emeritus,
Baker Institute for Public Policy
Summar McGee, Undergraduate, Class of 2020
Sana Mohamed, Undergraduate, Class of 2021
Anthony B. Pinn, Religion, Center for African and
African American Studies
Caitlin C. Rosenthal ’05
Norma Santamaría Electrical and Computer
Engineering, Martel College RA
James Sidbury, History
Nicole Waligora Davis, English
Jan West ’73, Public Affairs
OUR VALUES

RICE

- responsibility
- integrity
- community
- excellence
As a leading research university with a distinctive commitment to undergraduate education, Rice University aspires to pathbreaking research, unsurpassed teaching and contributions to the betterment of the world. It seeks to fulfill this mission by cultivating a diverse community of learning and discovery that produces leaders across the spectrum of human endeavor.