TOWN HALL
Nov. 2, 2015
President David Leebron
RICE'S MISSION

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.
Vision for the Second Century

VISION FOR THE SECOND CENTURY
RICE UNIVERSITY

As a leading research university with a distinctive commitment to undergraduate education, Rice University aims to further define the research, teaching, and values of the 21st century. To fulfill this mission by cultivating a globally competitive environment of learning and discovery that produces leaders across the spectrum of the sciences.

The university must take the following steps in furtherance of this mission:

1. We must visit and substantially increase our commitment to our research mission and raise our research and scholarship profile.
2. We must provide a holistic undergraduate experience that equips our students with the knowledge, skills, and values to make a distinctive impact in the world.
3. We must strengthen our graduate and postdoctoral programs to attract and retain high-caliber students and young researchers.
4. We must aggressively foster collaborative relationships with other institutions to leverage our resources.
5. We must invest in a select number of interdisciplinary endeavors that will enable us to leverage our own strengths as well as the strengths of potential collaborators.
6. We must continue to invest in our professional schools in architecture, management, and music, as well as the James A. Baker III Institute for Public Policy, and seek ways to integrate their success into the broader university.
7. We must increase the size of the university to realize more fully our ambition as an institution of national and international distinction that attracts the very best students and researchers from around the globe.
8. We must become an international university with a more significant orientation toward Asia and Latin America than now characterizes our commitments.
9. We must provide the spaces and facilities that will cultivate greater dynamism among our campuses and foster our sense of community.
Second century strategy

- Enhancing Research
- Quality Teaching and Digital Learning
- Data Science
- TMC Relations and Biosciences
- Entrepreneurial University
- International Engagement & Cultural Understanding
- Energy and Environment
- Arts Initiative
Three strategic initiatives

Board of Trustees approved $150 million plan funded by:
- Increased endowment spending
- Philanthropy
- Reallocation

Focus areas:
- Research competitiveness
- Data science
- Molecular nanotechnology

Research Competitiveness
- Social Sciences
- Humanities
- Engineering
- Business
- Architecture
- Music
- Natural Sciences
- Molecular Nanotechnology
- Data Science

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Research success = Rice success

- Great faculty/students
- Research infrastructure
- Postdoctoral associates
- Research venture capital
- Grant success
- Impact and reputation
NEWT (Nanotechnology Enabled Water Treatment)

Grant:
$18.5 million over 5 years
Houston’s first NSF Engineering Research Center

Purpose:
Clean water: NEWT technology will convert water from any source — pond, sea, flood — for residential or industrial use.

Partners:
Rice University (headquarters)
Arizona State University, Yale University, UTEP
30-plus industry and government partners

Faculty:
Directors: Pedro Alvarez, Paul Westerhoff (ASU)
Faculty Co-PIs: Naomi Halas, Qilin Li,
Meny Eimelech (Yale), Jorge Gardea-Torresday (UTEP)
Research awards

46% success rate in FY 2013, 47% for FY 2014, with 224 proposals still pending for FY 2015.
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Student survey
Rice value proposition 2015-16

Dec. 2014
Center for Teaching Excellence

• Since inception in 2012, 34% of instructional faculty have participated

Undergraduate education

• Experiential learning
  • Entrepreneurship, leadership, art, research
• Initiative for Students
  • Internships, externships

Resources

• IDEA software for course/teaching evaluation
• Digital tools and flipped classrooms
• Instructional resources to add sections
Marie Lynn Miranda
Provost

Tom Kolditz
Doerr Institute for New Leaders director

Alison Weaver
Moody Art Center director

Yael Hochberg
Rice Entrepreneurship Initiative director
Rice Emerging Scholars program

- Help first generation and underrepresented minority students succeed in science and engineering

First year program

Academic advising

Student wellness and counseling

Mentoring

Professional development workshops
U.S. Department of Education College Scorecard:

- Rice: One of 23 four-year institutions with low costs that lead to high incomes
- Rice: One of 30 four-year institutions with high graduation rates and low costs for their lowest income students

“Rice University in Houston is one of the nation’s most affordable private colleges.”  Forbes
Raising funds for:

• Mentorship and career guidance
• Leadership
• Scholarships
• Undergraduate research
• Entrepreneurship
• Civic and community engagement
• International experience

Year one results:

• $102.4 million pledged
• 450 parents and volunteers engaged
Digital education

Rice edX

- 244,000 enrolled
- 8,600 completions
- 2,300 certificate enrollments

Rice students taking courses

Rice Coursera

- 1.5M enrolled
- 25,000 certificate enrollments
- 59,000 completions
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Fall 2015 entering students: Graduate and Undergraduate

1,874 new matriculants
968 undergraduates
906 graduate students

Source: Office of Graduate and Postdoctoral Studies (presented at Sept. 2015 Admin Forum)
Prepared by: Office of Institutional Research

Other Terminal Master’s includes Music (72); Architecture (18) and Liberal Studies (5)

Source: OTR Census Data as of 10/21/15
Rice staff diversity

2005 Staff

- Caucasian: 66%
- Hispanic/Latino: 16%
- Black/African American: 10%
- Asian: 9%
- American Indian/Alaskan Native: <1%
- Two or more races: <1%
- Multi-racial*: <1%

2015 Staff

- Caucasian: 51%
- Hispanic/Latino: 23%
- Black/African American: 11%
- Asian: 14%
- American Indian/Alaskan Native: <1%
- Native Hawaiian/Pacific Islander: <1%
- Multi-racial*: <1%

*Multi-racial was added as an EEO category in 2009
## Rice faculty ethnicity

**Domestic Only**

### Tenured and tenure-track

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>Fall 2000</th>
<th>Fall 2006</th>
<th>Fall 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian</td>
<td>6.3%</td>
<td>9.8%</td>
<td>11.6%</td>
</tr>
<tr>
<td>Black/African American</td>
<td>2.6%</td>
<td>2.1%</td>
<td>1.9%</td>
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<tr>
<td>Caucasian</td>
<td>88.0%</td>
<td>83.9%</td>
<td>80.1%</td>
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<tr>
<td>Hispanic/Latino</td>
<td>2.8%</td>
<td>4.0%</td>
<td>5.6%</td>
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<tr>
<td>Multi-racial</td>
<td>0.0%</td>
<td>0.0%</td>
<td>0.8%</td>
</tr>
<tr>
<td>Native American</td>
<td>0.2%</td>
<td>0.2%</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

**Total (TTT Faculty)** 426 479 533

Sources: Fall 2006 faculty data from Rice Facts data files. Fall 2015 faculty data on PERIPDS as of 10-15-2015
Domestic Collaborations by Region

- Midwest: $7.3 million
- Northeast: $21.1 million
- South: $5.5 million
- Texas: $25.7 million
- West: $9.3 million

Total: $69.1 million

Dollars in millions
Rice has over 20 current international research and educational collaborations.
National pool for Rice staff employment (FY 15)

Texas

In the U.S.
Outside of Texas

Outside the U.S.

FY 2015:
18% of staff and 22% of tenured/tenure-track faculty are not U.S. citizens
No. 18 national universities *(U.S. News)*  
No. 5 overall college *(Niche.com)*  
No. 4 biomedical engineering *(U.S. News)*  
No. 4 mathematics and computer sciences *(Leiden)*  
No. 1 best quality of life *(Princeton Review)*  
No. 1 race/class interaction *(Princeton Review)*  
No. 9 happiest students *(Princeton Review)*  
No. 4 best private school value *(Kiplinger)*  
No. 14 undergraduate major in economics *(College Factual)*  
No. 2 most international university in the U.S. *(Times Higher Ed)*  
No. 1 MBA program in Texas and the Southwest *(Economist)*  
No. 9 university-affiliated think tanks in the world *(UPenn)*
RICE’S MISSION

Fulfilling the mission through our efforts as a community.
Many feet: wellness initiative
In memory

Madeleine Alcover
Darlene Banning
Eshel Ben-Jacob
Patricia Blair
Joy Bryant
Tim Cochran
Dannie Connell
Mildred Crocker
Gwendolyn Gann
Malcolm Gillis
Holly Hardy
Alison Henning
John Hunter
James Kinsey
Jerry Lewis
John Merwin
F. Curtis Michel
John Paul
Alex Santos
Sarah Tooth (student)
Volunteering for Rice and beyond

- Serving as college associates
- Serving on committees
- Volunteering in the community involvement center

Treasure

- 836 (21%) of employees gave to Rice (FY 15)
- Rice employee gifts to United Way have increased from $51,000 (FY 05) to $255,000 (FY 15)
Values and climate

Our values

• Standards of ethical conduct
  
  Website: rucompliance.rice.edu

Campus climate

• Faculty survey
• Survey of unwanted sexual experience
• More climate surveys planned
• To better understand nature of sexual violence and misconduct
• To foster a safe environment
• To improve prevention and provide the best services to survivors
• To provide a baseline for ongoing assessments and improvements

“The results shown in the survey are simply unacceptable.

... We pledge that the university will redouble its efforts to combat sexual assault and misconduct now and in years to come ...”

David Leebron and Marie Lynn Miranda
Responsibility, Integrity, Community, Excellence

Defining our culture. Guiding our behavior.
Keeping our eyes on the mission