

Campus Report for New Brunswick: 1/24/2014

- I would like to thank the Senate for inviting me to present my report on the New Brunswick campuses. I welcome this opportunity to speak to the faculty, students, and staff members, to review the many achievements of what has been an exciting and transformative year for Rutgers, and to discuss the path that we will be taking in the coming years.

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Integration with the Former UMDNJ [POWERPOINT: RBHS Slide]

- We have worked hard throughout the year to make the integration with the former UMDNJ as seamless as possible, with the goal of maintaining and increasing our excellence in all areas. The integration process is ongoing, but the pieces are coming together and we believe that soon we will have a stronger university and be well positioned to join the ranks of the nation's elite public research institutions.
- One important indicator of the integration's value for our university is the increase in R&D expenditures of the New Rutgers [POWERPOINT: Integration R&D slides 1 & 2. Note that all data is for 2012 (2013 data is not yet available)].
 - **Slide 1:** The TOTAL R&D for the "New Rutgers" was \$675,272, while the total R&D for the Legacy Rutgers (pre-integration) was \$473,508. This now puts us ahead of the AAU Average of \$585,800, and our total places us 16th among the 34 public AAUs.
 - **Slide 2:** Federal R&D increased by more than 35 percent for the New Rutgers, from \$301,294 pre-integration to \$408,529 post-integration. This places the New Rutgers 12th among public AAUs, for which the average is \$353,778.
- These comparisons with our peers are just one of the indications of how the integration has, and will continue to, strengthen our national reputation.

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University Strategic Plan [POWERPOINT: Developing a University Strategy]

- In addition to the integration, Rutgers has been developing a comprehensive universitywide strategic plan over the last year. We have sought broad input from all university constituencies in order to craft the plan, which is now in the final phase of development. The plan is scheduled to go before the Board of Governors in February, and pending the Board's approval, the Chancellors will continue to move forward on the strategic planning process for their respective campuses.

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National Rankings [POWERPOINT: National Rankings #1]

- **U.S. News & World Report** ranks Rutgers among the Top 25 Public National Universities, and I am pleased to report that a number of Rutgers-New Brunswick's programs, particularly in the arts and sciences, are among the best in the nation. These include:

[POWERPOINT: National Rankings #2]

- Women's and Gender Studies
- Philosophy (ranked as the 2nd best Philosophy program in the U.S.)
- Mathematics
- Computer Science
- Library & Information Studies
- English Literature
- History
- Social Work
- Public Health
- Mason Gross School of the Arts
- Chemistry (our department ranks #1 in the nation for federal funding in Chemistry)

[POWERPOINT: National Rankings #3]

- In addition, Kiplinger ranks Rutgers among the Best Values in Public Colleges

New Brunswick Faculty [POWERPOINT: Faculty Excellence]

- The integration has not only increased our research funding, but it has also grown our faculty significantly. There are now approximately 6,600 full- and part-time faculty in New Brunswick.
- In addition, Rutgers made 116 new tenured and tenure/clinical track appointments universitywide in the 2012-2013 academic year, 46 of which were here in New Brunswick.

Major Awards and Honors: Faculty [POWERPOINT: National Academy Members]

- Great faculty are the core of any great university, and I am pleased to announce that among our nationally recognized faculty we have 35 National Academies members and 15 American Academy of Arts and Sciences Members. The new members elected to these academies in the past year are:
 - **Four National Academy of Sciences Fellows:** Eva Andrei (Physics and Astronomy, SAS), Karin Rabe (Physics and Astronomy, SAS), David Vanderbilt (Physics and Astronomy, SAS), and Robin Fox (Anthropology, SAS).
 - **American Association for the Advancement of Science Fellows:** Linda Brzustowicz (Genetics, SAS), Ronald Gilman (Physics and Astronomy, SAS), Eileen Kowler (Psychology, SAS), Tung-Ching Lee (Food Science, SEBS).
 - **Fellow of the American Academy of Arts and Sciences:** Karin Rabe (Physics and Astronomy).
- Rutgers faculty members were also elected as Fellows to a number of other important scholarly organizations, including: the American Mathematical Society, the Association for Psychological Sciences, the American Geophysical Union, the National Academy of Engineers, and many others.
- **[POWERPOINT: 2013 MacArthur Award Winners]** Our faculty have also received numerous awards and grants in recognition and support of their scholarship. Among these many honors, Rutgers has **Four MacArthur winners (the “genius award,” a five year fellowship with a \$625,000 stipend):** In New Brunswick, public health historian Julie Livingston was named a MacArthur winner and was also awarded the prestigious Wellcome Medal for Anthropology as Applied to Medical Problems by the Royal Anthropological Institute. Also receiving MacArthurs were two alumnae, Jeffrey Brenner and Craig Fennie (Physics and Astronomy), and a distinguished guest instructor on the Camden campus, Karen Russell.
- **[POWERPOINT: Wolf Prize]** And Joachim Messing from Waksman Institute won the prestigious **2013 Wolf Prize in Agriculture.**

Our Students [POWERPOINT: Our Students]

More than 30,600 students applied to New Brunswick for first year admission in Fall of 2013.

- New Brunswick first-year new student enrollment increased by 165 students (a 2.7 % increase) vs. fall 2012.
- New Brunswick domestic out-of-state first-year new student enrollment decreased about 3% and international enrollment increased 24% compared to the fall 2012 entering class.
- 1,175 underrepresented minority first-year students enrolled in New Brunswick, a 5% increase compared to fall 2012. More than half of incoming first-year students identify themselves as non-Caucasian.
- For fall 2013, the combined SAT mean score for New Brunswick regularly admitted first-year students increased by 16 points, moving from a combined mean (Critical Reading plus Math plus Writing) of 1,837 in fall 2012 to a combined mean of 1,853 in fall 2013. This mean is over 330 points higher than the State of New Jersey SAT mean (1,521) and the national SAT mean (1,498).
- The top 1,000 students enrolling at Rutgers-New Brunswick have an average SAT score of over 2,100 and rank in the top 5 percent of their class.
- Approximately 160 incoming Rutgers-New Brunswick students were valedictorians or salutatorians of their high school classes.

- Enrollment of Rutgers Presidential Scholars has nearly doubled since 2007, increasing from 59 to 108 first-year students. The average Presidential Scholar has an SAT (Critical Reading plus Math plus Writing) of over 2,300, and was ranked in the top 3 percent of their graduating class.
- There are 10,000 full- and part-time graduate students in New Brunswick

Major Awards and Honors: Students [POWERPOINT: Fulbright]

In addition to the exceptional quality of our entering class, our students have, once again, performed with distinction in national fellowship competitions.

- In the **Fulbright Student Program**, Rutgers students earned 26 fellowship awards in 2013. How does this stack up to other schools? Among our colleagues in the Big Ten/CIC, only the University of Michigan received more—32 to our 26. And among all American research universities Rutgers ranks 3rd in the total number of Fulbright awards.
- **[POWERPOINT: Gates Cambridge]** Other notable national fellowships that our students earned last year, including: two **Gates Cambridge Fellowships**, a **Luce Fellowship**, and two **Goldwater Fellowships**. In total, our students received 32 national fellowships, more than any other Big Ten/CIC institution except for the University of Michigan (37). **[POWERPOINT: CIC Fellowship Numbers]**

Major Undergraduate Initiatives

- The past year has been highly successful in building our universitywide programs that support our students, both at Rutgers and beyond. Within the Division of Undergraduate Academic Affairs, our programs have had a major impact on our student population. Some of the major initiatives in the past year include:

University Career Services [POWERPOINT: University Career Services slide 1]

- University Career Services has undergone a major restructuring in the past year, which includes the hiring of a new Executive Director, Rick Hearin, who brings more than 20 years of experience in university career services to Rutgers. In addition, the University Career Services College Avenue offices have just moved to a new location in the Gateway Building in downtown New Brunswick.
- **[POWERPOINT: University Career Services slides 2 & 3]** Over the past year, student and employer participation in on-campus interviewing has increased significantly, and student attendance at career fairs has increased by 58%. In addition, the new “Career Clusters” program helps to organize and streamline student career development around industries while maintaining ongoing communication with faculty and academic departments.

Office of Disability Services

- The Office of Disability Services at Rutgers University has also undergone important changes over the past year. Bill Welsh, a nationally recognized leader in disability services was hired from Penn State, and the office has been expanded to better meet the needs of all Rutgers students.

Aresty Undergraduate Research Center [POWERPOINT: Aresty Center]

- The Aresty Research Center offers structured programs that provide Rutgers-New Brunswick students opportunities to engage with scholarly research at any stage in their undergraduate careers. Aresty’s programs facilitate the development of research skills in formal research settings and through structured peer, staff, and faculty mentorship. Since 2004, over 1,000 students have benefited from its programming and over 300 faculty have participated as mentors.
- Year after year, Aresty served 58% more students than in 2012, and just as importantly, increased the number of faculty who are using Aresty to bring young researchers into their projects. From 2012 to 2013, the number of faculty research projects available to students grew by 64%. This growth demonstrates our faculty’s interest in joining and supporting undergraduate mentorship and research. It also demonstrates the caliber of many of our undergraduates, who as sophomores and juniors are capable of assuming advanced lab and research roles.

- Finally, Aresty has helped reveal incredible demand among undergraduates for hands-on research opportunities. Last year, over 1,500 students applied for Aresty's research assistant and fellowship programs, and more than 100 students participated in the new research-intensive Aresty-Byrne first-year seminars, which introduce first-year students to faculty research.

Byrne First-Year Seminars

- The Byrne First-Year Seminars Program introduces first-year students to the faculty and research being done at Rutgers through special 10-week seminars that are limited to 20 students. In the past year, the program has seen record breaking growth, with more than 1,600 students enrolled in the fall 2013 semester, up from 1,275 in 2012.
- Thanks to the generous support of Jack and Dorothy Byrne, who fulfilled their pledge of \$6 Million to support the Byrne program early last year, these seminars are able to offer unique enrichment opportunities to first-year students and connect them with faculty research and mentorship from the beginning of their undergraduate career.

Significant Student Support Initiatives

- Rutgers has many successful student support programs that help make college more accessible to underrepresented minorities, first generation college students, and others. Among these programs and initiatives are:

Rutgers Future Scholars Program [POWERPOINT: Rutgers Future Scholars]

- The future scholars program is an intensive multi-year project started five years ago with the goal of recruiting 7th grade students and preparing them for college. As part of the program, future scholars are offered free tuition if they are accepted to Rutgers.
- Reaching out to schools in New Brunswick, Piscataway, Camden, and Newark, the program recruited 183 seventh grade students into its first class, and a similar number of students have been recruited in each subsequent year. Nearly all of the participants are the first in their family to attend college.
- The results so far have been impressive: Of the 183 original students, 165 graduated from high school on time, and 163 are going on to college. 98 will attend Rutgers on full scholarship while 46 will attend county colleges and plan to transfer to Rutgers after two years, at which time they will receive a scholarship. 19 will be going to other four year colleges, including Temple, Howard, and Columbia universities, most on full scholarship.

ODASIS [POWERPOINT: ODASIS]

- Since 1986, the Office for Diversity & Academic Success in the Sciences (ODASIS) has provided rigorous academic support to underrepresented and economically disadvantaged students who are interested in careers in the science, technology, engineering, and mathematics professions. The core undergraduate program of ODASIS is Access Med which provides academic enrichment, advising, career counseling, and MCAT preparation. Over the past 23 years, the program has helped 1,034 minority and economically disadvantaged students go on to a career in the health and medical professions.
- In 2013, Access Med sent 52 students to continue their education in medical and allied health fields.

New Academic Programs

- In the past year, we have added a number of new academic programs and degrees offered through departments on the New Brunswick campuses. These include:

New Brunswick

- Bachelor of Science in Landscape Architecture
- Bachelor of Science in Public Policy
- Master of Arts in East Asian Languages and Cultures
- Master of Financial Analysis
- Master of Science in Kinesiology and Applied Physiology

- Doctor of Philosophy in Kinesiology and Applied Physiology
- Graduate Certificate in Computational and Data-Enabled Science and Engineering

Rutgers Biomedical and Health Sciences

- Bachelor of Science in Nutrition and Dietetics (with Thomas Edison State College)
- Master of Science in Health Outcomes, Policy and Economics
- Graduate Certificate in Anatomy Instruction

International Initiatives

- The university continues to expand its reach and influence through the development of academically rigorous programs in partnership with leading universities throughout the world. We also continue to attract outstanding undergraduate and graduate students from around the world. In fact, for fall 2014, New Brunswick international first-year applications are up 30% compared to 2013 year-to-date.
- The Global Advancement and International Affairs Center (GAIA) continues its work in developing a cohesive set of campus-wide international initiatives and services, advancing collaborative projects and strategic partnerships around the world, and expanding students' opportunities for international study and research.
- In addition to its global outreach, the GAIA Center organizes a bi-annual series of events relating to a particular issue in order to create an on-campus dialogue and raise awareness of global problems. The 2013-2015 theme is Global Health, which will explore issues related to Social and Economic Justice; Environment, Science & Innovation; and Systems, Policy & Delivery.
- The Confucius Institute at Rutgers, which continues its mission to promote quality Chinese language and culture education and to serve as a resource center for Chinese studies in New Jersey, was honored in December as a Confucius Institute of the Year.

2013 Major Administrative Appointments [POWERPOINT: Administrative Appointments]

- Brian L. Strom, Chancellor of Rutgers Biomedical and Health Sciences
- Nevin Kessler, President of the University's foundation
- Michael Gower, Senior Vice President for Finance
- Julie Hermann, Director of Intercollegiate Athletics
- Felicia McGinty, Vice Chancellor for Student Affairs in New Brunswick
- Cathryn Potter, Dean of the School of Social Work

Leadership Searches Underway

- The search is currently underway for the Executive Dean of the School of Arts and Sciences and for the Dean of the Graduate School of Education. Both searches are still accepting nominations, so please nominate strong candidates that you know or urge them to apply. Our goal is to appoint new deans to start on July 1 of this year.

Significant Capital Projects in New Brunswick

- **Projects completed in 2013 [POWERPOINT: Completed Projects in NB]**
- A number of capital projects have been completed or are underway on the New Brunswick campuses. The major projects that were completed last year are:
 - The Nelson Biology Laboratories C-wing renovation.
 - Livingston Solar Canopy project
 - Rutgers Business School
 - Tillett Classroom Renovations
 - Livingston Campus' infrastructure improvement projects will be completed this winter.
 - Robert E. Mortensen Hall, a glass-enclosed, nearly 24,000 square foot facility within the Mason

Gross performing arts center on Douglass campus, offers a choral hall, studios for theater and dance, a large public atrium, technology studios for recording and engineering, music studios, galleries, and administrative offices.

- **Major Upcoming Projects [POWERPOINT: Planned Projects in NB]**

- Projects that are currently underway include:

- Redevelopment of the Seminary property on the College Avenue Campus is underway. This project will create a new Residential Honors College, a signature academic building, university housing and retail space, and parking. The scheduled completion date for the project is Summer 2016.
- The design is underway for renovations and upgrades to the Bishop Quad Residence Halls on the College Avenue Campus in order to meet current building codes. Estimated completion date of Spring 2015
- Construction is underway on a new facility for research, the Institute for Food, Nutrition & Health on Cook Campus. The new building will house programs and research labs that study cardio-inflammatory disease, cancer, and obesity, with state of the art laboratories, community clinics, a children's nutrition center and preschool, and a dining facility offering health food options. The estimated completion date is Summer 2015.
- The William Levine Hall Building addition to the Ernest Mario School of Pharmacy, is about to begin. The new addition will provide room for two 300-seat auditoriums, two collaborative practice simulation laboratories, administrative pharmacy space, and labs for basic research in the pharmaceutical and biomedical sciences. Anticipated completion date: Summer 2016.
- The new Wright Rieman Chemistry and Chemical Biology Building on Busch. Chemistry is a key science field at Rutgers, and the new Wright Rieman building, which will feature 145,000 square feet of flexible research space and classrooms, will provide the state-of-the art facility needed to continue to build on our teaching and research excellence in this core discipline.