

Goal 1: As Louisiana's Urban Research University of National Stature, the University of New Orleans will rank in the Top 200 of American Research Universities by 2015. The University will continue to be recognized as a major research university as reflected by our designation as a Research University – High Research Activity by the Carnegie Foundation for the Advancement of Teaching.

Objective 1.1: Grant at least 100 doctorates and appoint at least 20 postdoctoral researchers annually

Action 1.1.1: Strategically support and grow existing doctoral programs.

Action 1.1.2: Identify and initiate additional new doctoral programs that will not only build upon institutional strengths but are also characteristic of nationally recognized research institutions.

Action 1.1.3: Develop institutional practices that would allow high achieving undergraduate and graduate students to enter doctoral programs and exceptional graduate students to stay as postdoctoral researchers.

Action 1.1.4: Increase internship possibilities for graduate students.

Action 1.1.5: Develop best practices and methods to more closely integrate graduate education with funded research programs.

Action 1.1.6: Increase the number of full-time scholarships to support graduate fellowships.

Action 1.1.7: Initiate a university-level bridge-funding program to provide support funds for doctoral students to complete their dissertation project.

Action 1.1.8: Fund the 3:1 Program at a 2:1 level.

Action 1.1.9: Encourage doctoral students and tuition as cost-share items when cost-sharing is required on proposals. Encourage support of postdoctoral researchers on external proposals, where appropriate.

Action 1.1.10: Increase participation in externally funded graduate student awards and scholarships, including the Board of Regents Graduate Fellows program.

Objective 1.2: Generate at least \$50M in total research expenditures annually and at least \$40M in federal research expenditures annually

Action 1.2.1: Establish and use criteria for prioritizing research investments for the University.

Action 1.2.2: Assess the university wide research infrastructure available to the academic community to determine areas which need additional resources and budget a portion of recovered indirect costs to improving research infrastructure.

Action 1.2.3: Develop a program, including development of marketing materials, to enhance the national reputation and prestige of the university in order to open up significant partnering opportunities in emerging research areas.

Action 1.2.4: Provide enhanced opportunities for faculty and staff members to travel to visit with federal agencies.

Action 1.2.5: Develop faculty development programs, including a summer research program to Stimulate Competitive Research (ScoRe), to increase the percentage of faculty involved in funded research.

- Action 1.2.6: Expand use of IRIS and develop improved tools to communicate significant proposal opportunities to research faculty and staff.
- Action 1.2.7: Develop a program to more effectively use federal initiatives, such as ARRA and the SPAWAR contract vehicle, to strategically build research focus areas.
- Action 1.2.8: Establish and implement a university wide program to support undergraduate research through Summer Undergraduate Experience (SUE) modeled after the NSF REU program.
- Action 1.2.9: Develop stronger collaborative research ties with nearby research institutions including LSUHSC, Children's Hospital and USM so as to improve funding opportunities for all institutions.
- Action 1.2.10: Develop stronger collaborative research ties with local agencies, such as NASA/Stennis.
- Action 1.2.11: Develop and implement an industry outreach plan to better connect with local, national and international companies so as to grow industry-sponsored research funding opportunities.
- Action 1.2.12: Ensure that the Library and UCC have adequate funds to maintain support of campus researchers.
- Action 1.2.13: Provide business management support for external research funds.
- Action 1.2.14: Develop a plan for major multi-user software license and research equipment support.
- Action 1.2.15: Identify an Associate Dean in each college who will be an advocate for research in that unit.

Objective 1.3: Support research/scholarly activity at the University such that all of the doctoral programs will be ranked in the upper half of the Faculty Productivity Index for their discipline and at least 1 university faculty member is a member of the National Academy of Sciences, the National Academy of Engineering or the Institute of Medicine and at least 3 members of the faculty are current recipients of a faculty award in the Arts, Humanities, Sciences, Engineering or Health.*

- Action 1.3.1: Ensure that new research/scholarly-active faculty members receive adequate support to initiate and sustain nationally recognized programs.
- Action 1.3.2: Ensure that all research/scholarly-active faculty members have time allocated as part of their faculty appointments to perform scholarly work.
- Action 1.3.3: Work to make faculty salaries competitive with those of peer institutions.
- Action 1.3.4: Establish a reward system to promote and recognize outstanding faculty productivity. Faculty with outstanding publication, presentation, grants, and number of Ph.D. completers should be appropriately rewarded as part of an overall accountability system for all colleges, departments, and faculty members.
- Action 1.3.5: Increase number of endowed chairs and professorships, including at least one endowed position in each academic college.
- Action 1.3.6: Work with institutional awards and honors programs to recognize junior and senior-level faculty members.
- Action 1.3.7: Establish a university-wide procedure for nominating deserving faculty for nationally recognized awards including discipline specific society fellows.

*Faculty awards in those disciplines as denoted in the Top American Research Universities list: American Council of Learned Societies Fellows, Beckman Young Investigators, Burroughs Wellcome Fund Career Awards, Cottrell Scholars, Fulbright American Scholars, Getty Scholars in Residence, Guggenheim Fellows, Howard Hughes Medical Institute Investigators, Lasker Medical Research Awards, MacArthur Foundation Fellows, Andrew W. Mellon Foundation Distinguished Achievement Awards, National Endowment for the Humanities Fellows, National Humanities Center Fellows, National Institutes of Health MERIT, National Medal of Science and National Medal of Technology, NSF CAREER awards, Newberry Library Long-term Fellows, Pew Scholars in Biomedicine, Presidential Early Career Awards for Scientists and Engineers, Robert Wood Johnson Policy Fellows, Searle Scholars, Sloan Research Fellows, Woodrow Wilson Fellows.

Goal 2: Achieve technology transfer performance metrics equal to the average of US Universities.

Objective 2.1: Rebuild the Office of Intellectual Property (IP) Management, improve outreach to faculty, students and potential commercial licensees to achieve the following performance metrics by FY 2015:

1. 1 IP Disclosure per \$2.5 million in University research expenditures
2. 1 new patent filing (provisional or utility) per 2 Invention IP Disclosures, subject to the quality of the disclosures
3. 1 new US or PCT utility patent filing per 7 Invention IP Disclosures, subject to the quality of the disclosures
4. 1 license or option agreement executed per 8 disclosures
5. 1 start-up per \$90 million in University research expenditures

Action 2.1.1: Conduct IP training sessions.

Action 2.1.2: Increase IP marketing activities.

Action 2.1.3: Utilize the existing SPAWAR contracting vehicle and other funding possibilities to increase contacts with large and small business.

Action 2.1.4: Develop a new technology transfer website.

Action 2.1.5: Fully implement and utilize technology transfer office database software to improve IP tracking and office efficiency.