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Wayne State University

Vice President for Research Executive Search

WAYNE STATE
UNIVERSITY



About Wayne State University

Wayne State University (www.wayne.edu) was founded in 1868 and is Michigan's only urban university having a very high research activity, as designated by the Carnegie Foundation. The University enrolls nearly 29,000 students and offers more than 370 academic programs within 13 schools and colleges. Graduate and professional enrollment is nearly 9,300, placing Wayne State among the largest public universities in the nation. The Graduate School oversees about 7,200 graduate students enrolled in 59 Doctoral programs, 119 Master's programs and 74 Graduate Certificates in 12 schools and colleges across WSU. Research and development expenditures totaled almost \$259 million in fiscal year 2011, which represents nearly a 48% increase from 2001. Based on 2011 NSF research expenditure data, Wayne State ranks 52nd among public universities and 80th among all universities in the U.S.

Located in the heart of Detroit's University Cultural Center, the main campus encompasses 203 acres, linking 100 educational and research buildings. Five extension centers in the metropolitan area provide convenient access to a wide selection of academic courses. The University primarily serves students from the metropolitan area, but with the expansion of on-campus housing in recent years, nearly 2,700 students live on-campus. The university's annual economic impact on the State of Michigan is more than \$2 billion.

The University's Mission

As a nationally recognized urban, public research university, Wayne State's mission is to create knowledge and prepare a diverse body of students to excel in an increasingly complex and global society. Wayne State is an engaged and motivated community of scholars with a shared commitment to the pursuit of knowledge, the significance of discovery, the value of community service, and the importance of informed dialogue to a stable and prosperous society.

Students

More than 89 percent of our students are from Metropolitan Detroit, with the remainder coming from outstate Michigan, nearly every U.S. state and more than 70 foreign countries. Wayne State has the most diverse student body among Michigan's 15 public universities, reflecting the cultural richness of Southeast Michigan and the strength of its programs. As a university committed to excellence, Wayne State supports a thriving program for top scholars in its Irvin D. Reid Honors College and is open to those who meet the University's high standards of academic achievement, intelligence, initiative and the personal integrity associated with good citizenship. As a university of opportunity, Wayne State also enrolls a certain percentage of students who require academic and financial assistance, and provides them with tailored programs to help them take the best advantage of all the university has to offer.

Wayne State welcomes students from many different cultural, socioeconomic, religious and national backgrounds, in the conviction that intellectual capital and social energy profit from diversity. As a result, the student body is diverse in both age and background. The mean age for the total undergraduate, graduate and professional student population is 26 years. More than 32 percent are minorities (18.2 percent African-American), and many students work while attending school.

Faculty

Of the 2,901 Wayne State University faculty members, 1,783 are full-time, and 1,052 are tenured or tenure-track. The University has a campaign to increase this number. The University also has a large number of talented part-time faculty members, many of who provide students the benefit of their experience in the field.

Research

Wayne State's research funding and expenditures are at a historical high. The Carnegie Foundation classifies Wayne State as a university with "very high research activity," a distinction held by only 2.3 percent of U.S. institutions of higher education. The University also has the Carnegie Foundation's most comprehensive classification for community engagement.

Wayne State's School of Medicine is the largest single-campus medical school in the country. Its 25 basic science and clinical departments attract most of the University's externally funded

research and provide the basis for most of the translational research collaborations with other University units. As Detroit's only medical school, Wayne State's School of Medicine has a mission of improving health in metropolitan Detroit through quality medical care delivery. Currently, the Wayne State University School of Medicine is affiliated with a number of institutions including the Detroit Medical Center (DMC) hospitals, the Henry Ford Health System, and the John D. Dingell Veterans Administration Medical Center, among others.

The University is home to the NIH-funded Perinatology Research Branch, one of the only NIH Research Branches outside of Bethesda. Wayne State is also home to the Barbara Ann Karmanos Cancer Institute, one of the 41 NCI-designated comprehensive cancer institutes, the Center for Molecular Medicine and Genetics, the Institute for Environmental Health Sciences, the Children's Research Institute of Michigan, which supports one of top-20 NIH-funded pediatric programs in the only freestanding children's hospital in Michigan, the Institute of Gerontology and the National Biofuels Energy Laboratory. In addition, a number of other schools and colleges, including the College of Liberal Arts and Sciences, the College of Engineering, the Eugene Applebaum College of Pharmacy and Health Sciences and the College of Nursing have major research programs in many fields including cancer biology, chemistry and chemical biology, nanosciences, biosensors, high-energy particle physics, alternative energy, and biomedical engineering. The University is currently constructing a 205,000-square-foot Multidisciplinary Biomedical Research Building that will focus on enhancing interdisciplinary collaborations and translational research.

Research Relationships

University Research Corridor (URC)

The advancement of Wayne State's research mission is augmented by collaboration with the University of Michigan and Michigan State University, which together make up the University Research Corridor, an alliance that brings approximately 94 percent of the annual research dollars attracted to Michigan.

TechTown

Wayne State also maintains a close relationship with TechTown, the urban research and technological business park located adjacent to its campus that was created in 2004 by former Wayne State University President Irvin Reid. TechTown is currently the home for more than 50

businesses, including Asterand, TechTown's largest tenant, a leading global provider of human tissue and human tissue-based research services.

Detroit Medical Center

The Detroit Medical Center includes a 110-acre campus located in Midtown Detroit as well as three additional hospital sites in Southeast Michigan. Its hospitals include Children's Hospital of Michigan; Detroit Receiving Hospital and University Health Center; Harper University Hospital; Huron Valley-Sinai Hospital; Hutzel Women's Hospital; the Kresge Eye Institute; Surgery Hospital; Rehabilitation Institute of Michigan; and Sinai-Grace Hospital. The system has 2,700 licensed beds, 3000 affiliated physicians and serves as primary major teaching and clinical research site for Wayne State's School of Medicine.

Henry Ford Health System

Research is a vital component of the mission of Henry Ford Health System (HFHS). Much of HFHS research is translational in nature and is focused in the following areas: cardiovascular and renal, neurosciences, bone and joint, cancer research, immunology and autoimmune disease, population, health and healthcare research. Many of these researchers collaborate with faculty at Wayne State.

Perinatology Research Branch

Wayne State faculty also collaborates in research through the NIH's *Eunice Kennedy Shriver* National Institute of Child Health and Human Development's Perinatology Research Branch, dedicated to reducing preterm delivery and infant mortality. The \$165.9 million awarded to support the branch is Wayne State University's largest research contract. The cumulative economic activity associated with the branch for the second 10-year contract is estimated to exceed \$347 million. The branch specializes in research to develop novel, diagnostic, therapeutic and preventive strategies to reduce adverse pregnancy outcomes, infant mortality, and disability, and trains health care professionals working to improve the health of mothers and their children.

Wayne State has major research programs with organizations within the University and beyond such as the Barbara Ann Karmanos Cancer Institute, NextExergy, the National Biofuels Energy Laboratory and the Great Lakes Stem Cell Commercialization Center. Major campus-based research is conducted in several fields, including cancer biology, lifespan disease prevention,

pediatric cardiomyopathies, HIV/AIDS, implementation science, alternative energy, biosensors, electric-drive vehicles, and the nanosciences, biomedical engineering and health disparities. Research strategic planning has been ongoing within Wayne State University and with an external consultant. The Vice President for Research (VPR) will develop, integrate, and implement this. For example, within the School of Medicine the focus has been on building from individual research strengths by emphasizing interdisciplinary team science focused on translational research and biomedical innovations. Its goal is to impact positively health care delivery and health by supporting core facilities, research administration, and faculty development. That plan has been constructed to 1) maximize current research strengths through synergies in approach, innovations across fields, and multiple perspectives regarding programs and solutions; 2) nurture, prepare and empower entering investigators while sustaining, refocusing and reinvigorating established investigators; and 3) enable and require participation from a broad range of stakeholders in the research process including, but not limited to, scientists, clinicians, technicians, patients, industry and the communities served.

For more information on the Division of Research, visit www.wayne.edu and www.research.wayne.edu.



The Position of the Vice President for Research

As the senior research officer of the University, the VPR is responsible for developing and implementing the vision, plan and policies to guide the University's research portfolio, and for leading all aspects of the University's research infrastructure and operations.

The VPR provides leadership and promotes excellence and continued growth in the established and future strategic priorities of the campus.

The VPR encourages and supports investigators, facilitates multidisciplinary projects, seeks out new sources of funding, strives to connect campus units in new ways to train the best students and retain top faculty, and guarantees the ethical, informed and safe conduct of research. Strong management and interpersonal skills and demonstrated experience in fostering research partnerships between universities and outside agencies, including industry, are critical.

The VPR will build an effective and reputable leadership team that will manage resources wisely, through the allocation of space and resources in support of defined priorities and the continuous development of new sources of revenue.

The VPR will seek sources of funding and effectively disseminate opportunities to the campus. These efforts include facilitating collaborative research, finding sponsors for new research initiatives and facilities, overseeing pre-award sponsored research activities, negotiating sponsored research contracts, and mediating conflicts of commitment and interests. It is also crucial for the VPR to represent and advance the interests of Wayne State by skillfully developing relationships with governmental units, industry, and other academic institutions.

The VPR will have academic and scientific experience in conducting and managing interdisciplinary research programs, and securing external funding, have sufficient background and achievements to qualify for appointment as a tenured professor, and possess the leadership qualities and abilities to help Wayne State achieve its vision of being the nation's premier urban public research university.

Direct reports to the VPR include five assistant/associate vice presidents, three directors and one staff member within the office of the VPR. The Division of Research consists of Sponsored Program Administration, Office of Research Compliance, Division of Laboratory Animal Research and the Office of Environmental Health and Safety, and Technology Commercialization/Tech Transfer. Four of the University's 29 centers and institutes also report to the VPR.

The VPR has responsibility for the following divisions and offices:

- Office of the Vice President for Research
- Sponsored Program Administration
- Technology Commercialization
- Research Compliance
- Research Communications
- Division of Laboratory Animal Research
- Center for Molecular Medicine and Genetics
- Office of Environmental Health and Safety
- Institute of Environmental Health Sciences
- Institute of Gerontology
- Merrill Palmer Skillman Institute

The VPR is also central in facilitating technology transfer and maintaining the university's engagement with TechTown, the University's research and technology park, which was opened in 2004, and designed to catalyze regional economic development. TechTown is an incubator for Wayne State University and the surrounding community. (www.techtowndetroit.org)

Major Responsibilities of the Vice President for Research

- Develops and implements the vision, strategic plan, and policies to guide the University's research portfolio and consults regularly with representatives of the research enterprise within the University to achieve the research goals of the University, improve research funding levels, and raise its research ranking.

- Leads all aspects of the University's research infrastructure and operations including research compliance, technology transfer and commercialization, and sponsored program administration.
- Advises the President on research initiatives, policies, and operations and serves as a member of the senior leadership teams of the University.
- Serves as a member of the University Research Corridor leadership team, an alliance of Michigan's three leading research institutions: Michigan State University, the University of Michigan, and Wayne State University.
- Works with the Office of the Provost to strengthen research within academic programs, departments, and centers, and institutes.
- Works with the Graduate School to recruit top doctoral students.
- Promotes multidisciplinary and translational research activities across the university.
- Fosters an environment that recognizes research excellence, collegiality, and scholarship across the university.

Preferred Qualifications

- An earned doctorate or equivalent terminal degree from a research university.
- A strategic national academic and research leader, grounded in personal integrity, with the ability to energize, inspire, and encourage innovation and collaboration. Successful experience in administrative leadership in academia, or in a comparable position in a leading non-academic institution.
- Broad administrative leadership experience with externally funded research. Research credentials demonstrating a high level of accomplishment in scholarship and research. Demonstrated success as an administrator and fiscal manager.

- Extensive knowledge of federally sponsored programs, research policy formation, compliance issues and implementation, technology transfer, and commercialization of research and creative activity. Demonstrated experience in working at the federal level on research initiatives, challenges and policies.
- Demonstrated ability to work with academic departments, faculty and programs to facilitate collaboration and promote interdisciplinary research and increase funding for research and creative activity.
- Demonstrated interest in developing graduate and undergraduate research and the promotion of student contributions to research and interdisciplinary inquiry.
- Strong commitment to the mission and purpose of an urban university and the ability to work with a culturally diverse population. An ability to foster and promote gender equity and ethnic diversity among faculty and staff to enrich the university, further its research mission, and preserve the uniqueness of Wayne State University.

Procedure for Candidacy:

Applications should include a letter of application and curriculum vitae. Applications and nominations will be accepted until the position is filled. Confidential review of materials and screening of candidates will begin in December and continue until the position is filled.

Wayne State University has a strong commitment to serve its highly diverse community. As such, Wayne State University welcomes applications from women, persons from underrepresented minority groups, persons with disabilities, members of sexual minority groups, and others who would enrich the University's research, teaching, and mission. Wayne State University is an Equal Opportunity/Affirmative Action Employer.

Wayne State University is being assisted by Harris Search Associates for this search. Please contact Jeffrey Harris, Managing Partner, for further details.

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