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2010 Wayne State University Research and Technology Commercialization Annual Report

Division of Research
Wayne State University

Technology Commercialization
Wayne State University

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2010

Wayne State University Research

Research and Technology Commercialization Annual Report



Wayne State University Research ANNUAL REPORT

Year in Review

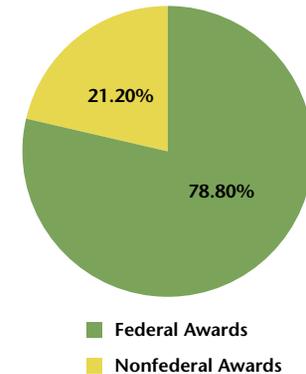
Wayne State University has a rich and diverse environment that provides faculty and student opportunities to achieve their dreams and goals. Research, scholarship and creative activity are the foundation of our achievements, providing our students an enhanced university experience that ultimately prepares them to be our future leaders, scientists, health professionals, artists, educators and entrepreneurs. Our faculty transform not only the lives of our students, but also those of the people in Detroit, Michigan and around the world with groundbreaking ideas and discoveries that lead to new ways of living.

Total Research Expenditures

Total Science & Engineering Research Expenditures

Research Awards

Federal vs. Nonfederal Awards



In FY2010, Wayne State University's total research expenditures dropped slightly due to new reporting requirements set by the National Science Foundation. Even with these changes, total research expenditures were nearly \$15.7 million or 7 percent higher than in previous years.

In FY2010, Wayne State University recorded over \$248.7 million in research expenditures for science and engineering fields. While this represents a slight decrease due to the National Science Foundation's new reporting standards, these figures significantly exceed FY2007 totals by over \$13.5 million.

Research awards made to Wayne State University faculty continued to grow in FY2010, with 1082 active awards received. Through their efforts, faculty research awards in FY2010 grew by over \$7.3 million to \$182.2 million.

The majority of Wayne State University's awards - 78.8 percent - or nearly \$143.6 million - were sponsored by the federal government.

This past year marked strong performances in research activity. Wayne State's total research awards reached over \$182 million and total research expenditures were nearly \$254.5 million. Of the current active awards, 158 have anticipated totals of \$1 million or more.

In a time of increasing competitiveness for funds to support research and a difficult economy, Wayne State University faculty continue to be successful in their quest for investment in their important work. Through their creativity, discoveries and collaborations, Wayne State faculty continue their commitment to improving the lives of others in our community and across the globe.

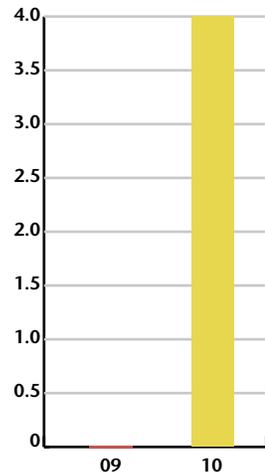
Wayne State University Technology Commercialization ANNUAL REPORT

Year in Review

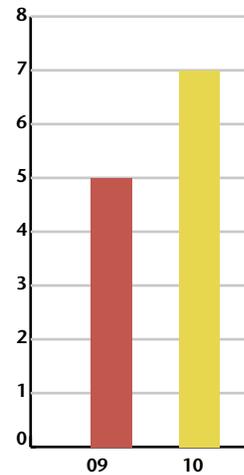
Wayne State University is a major contributor to the revitalization of Detroit and Michigan as we transition from a manufacturing-based market system to a global, knowledge-driven economy. Our research activities provide new opportunities for commercialization, bringing university-based intellectual property into the marketplace and creating start-up companies based on WSU research that generate new jobs, products and service innovations.

Wayne State University is committed to supporting and recognizing the research efforts of our faculty. We know that great ideas can impact the world, so it is critical that we have a strong

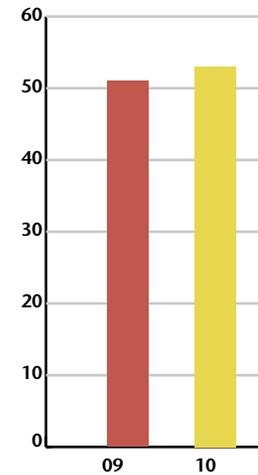
Start-up Companies



Licenses



Patent Applications (U.S.)



innovation infrastructure that leads to commercialization, entrepreneurship, and industry and job creation. All it takes is one cutting-edge, entrepreneurial idea to stimulate the creation of major industries, like the automotive industry which was born in Detroit.

Making connections within our institution and with industry is important for taking great ideas to a level that makes a real-world impact. Over the past year, WSU's technology commercialization efforts have begun initiatives to link people, knowledge and commercial opportunities. Our goal is to position WSU as an innovation partner of choice. We are committed to building on our successes with new initiatives and investment to spur further research, commercialization and economic opportunities.

This issue of *New Science* provides examples of WSU's commercialization efforts, and we look forward to the future as our faculty continue to develop promising new technologies and ideas that will benefit our community and beyond.