



FORWARD  
OHIO

HIGHER EDUCATION  
STRENGTHENING OUR STATE

## Selected Research Being Conducted at Ohio's Public Universities

- **University of Cincinnati:** UC physicists experiment with nanowire in a promising field that could make electronics smaller, faster and cheaper. [Read more >](#)
- **University of Toledo:** The University of Toledo College of Medicine and Life Sciences and ProMedica have formed an innovative partnership to transform northwest Ohio and southeast Michigan by building a legacy model of health care and medical education. [Read More >](#)
- **Cleveland State University:** The IOT Collaborative, a partnership between CSU and Case Western Reserve University, seeks to make Cleveland a hub for the IT economy. [Read More >](#)
- **The University of Akron:** Two biodegradable polymer platforms for regenerative medicine and 3D printing, invented by University of Akron Polymer Science Professor Matt Becker, have been exclusively licensed by 21MedTech from The University of Akron Research Foundation. [Read More >](#)
- **Ohio University:** Ohio University Eminent Scholar John Kopchick and former graduate student Wen Chen discovered a pharmaceutical treatment that has gone on to benefit thousands of patients worldwide who are afflicted with a debilitating growth hormone condition. [Read More >](#)
- **The Ohio State University:** Technology developed by a group of bioinformatics researchers at Ohio State is enhancing our ability to quickly amass and integrate information about relatively rare diseases such as "hairy cell" leukemia. [Read More >](#)
- **Youngstown State University:** YSU is part of a research partnership using advanced manufacturing technologies such as reverse engineering, 3-D printing and additive manufacturing to produce custom and replacement parts for a broad spectrum of U.S. Air Force planes. [Read More >](#)
- **Bowling Green State University:** Forensic researchers reduce danger of fentanyl exposure. [Read More >](#)
- **The University of Akron:** Students design bike with 3D printed parts for boy with rare condition. [Read More >](#)
- **Miami University:** Geologists explore relationship of fracking and earthquakes in Ohio. [Read More >](#)
- **University of Cincinnati:** University of Cincinnati field research aims to slow the spread of tick-borne illness across the Midwest. [Read More >](#)
- **University of Toledo:** Undergraduate researchers are working alongside scientists to monitor Lake Erie and locate contaminants. [Read More >](#)

- **Central State University:** Student studies in Cyprus to test a proactive solution for harmful algal blooms. [Read More >](#)
- **Northeast Ohio Medical University:** Using motivational interviewing skills learned at NEOMED to work with opioid-addicted patients. [Read More >](#)
- **Cleveland State University:** Professor Aaron Severson’s research on infertility and Down’s syndrome. [Read More >](#)
- **Youngstown State University:** Three alums and a faculty member hard at work, looking for answers to some of the most pressing problems facing our world today - terrorism, opioids, homelessness and water quality. [Read More >](#)
- **Ohio University:** Researchers study the efficacy of a web-based tool designed to help K-12 school clinicians implement evidence-based interventions for children and adolescents with emotional and behavioral problems. [Read More >](#)
- **Kent State University:** National Science Foundation Grant awarded to Kent State Professor to study Organic Transistors. [Read More >](#)
- **Shawnee State University:** Symposium seeks to uncover the “Real” Appalachia. [Read More >](#)
- **Wright State University:** Wright State researchers use gaming app to study burnout among caregivers of dementia patients. [Read More >](#)
- **The Ohio State University:** Professor Melissa Bailey in the College of Optometry has developed a new soft contact lens technology that is suitable for use by people with presbyopia, the aging-related loss of lens pliability that causes us to need reading glasses, as well as another common vision problem – astigmatism. [Read More >](#)
- **Bowling Green State University:** A Bowling Green State University microbiology team played an important role in a scientific discovery about alcohol benefitting fungus farming in beetles. [Read More >](#)
- **Miami University:** “Grow your own bone” scaffolding may help self-healing of damaged or diseased bones. [Read More >](#)
- **Central State University:** Beekeeping at Central State stresses pollination value: Researcher heads college’s first apicultural program. [Read More >](#)
- **Wright State University:** Wright State medical researcher Caroline Cao improving use of surgical robotics. [Read More >](#)