



THE UNIVERSITY OF  
**TOLEDO**  
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## Points of Pride 2012 Office of Undergraduate Research

“Wisdom is the critical analysis of knowledge”. Involvement in research is the vehicle in which students acquire knowledge, requires them to challenge their findings, and thus gain wisdom. This forms the foundation of their professional career paths and helps them in wherever the future takes them.

There were over 100 undergraduate students that conducted substantial research projects this past year, of which 38 were directly funded through the Office of Undergraduate Research and nine of the 38 were first year college students. The research areas spanned the rich, diverse disciplines present at UT. Each deserves to be highlighted, but listed below is but a small sampling of the research projects.

1. **Rosaline Cordova**, conducted research last summer in microbiology studying immunology. She wrote a UT blog last October in which stated the ways her research experience has changed her life.
2. **Sydni Coleman** conducted research for the last two summers on a research vessel in the Mediterranean Sea off the coast of Italy studying whales, dolphins, and porpoises.
3. **Prof. Stacy Philpott** (EEES) for many years during the summers, has taken undergraduate students with her to Mexico to study insect interactions on coffee plantations. This past summer, **Katlynd Reese** accompanied Prof. Philpott to Mexico to study ant-parasite interactions in a coffee agroecosystem.
4. **Steven Lombardo’11**, participated in research in pharmacy for multiple summers as an undergraduate student, was recently selected as a Fulbright Scholar in The University of Sydney, Australia. Steven is currently pursuing a Ph.D. in neuroscience.
5. **Brandon Saner** and **Anthony Passero** participated last summer in the first college year research program FYSRE. Their research involved analyzing data from NASA’s Hubble telescope, as well as Earth-based telescopes at UT and in Hawaii.
6. The Honors College has identified the creation of an academic village as a development goal for the current UT Capital Campaign. The academic village would involve linking Sullivan Hall with the Academic House through a second-story sky-bridge. A team of senior **engineering students** performed the design and structural analysis for the sky-bridge.
7. Research is an integral part of all disciplines and not just limited to the STEMM areas. This past summer, Art students **David Folck** and **Julia LaBay** have created original works that are on display in various galleries, including the Sullivan Hall gallery. Also, **Zachary Dehm** conducted research on the Jesuit Theology of Karl Rahner.
8. The UT chapter of Sigma Xi, The Scientific Research Society, was awarded the Program Excellence award for its support of the Posters at the Capitol: Undergraduate Research in Northwest Ohio (PATC) event. Only seven awards were given this year among the 522 chapters, nationally. The Office of Undergraduate Research is instrumental in organizing the PATC events each year.