

Intellectual Property Office
facilitate : advocate : collaborate

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Annual Report

2006



UNIVERSITY OF
UC
Cincinnati





The Intellectual Property Office is pleased to present its 2006 annual report. During the year, together with Technology Transfer and Commercialization, the office made impressive strides in growing the research enterprise at the University of Cincinnati.

We are pleased to report that performance metrics supporting our vibrant technology transfer and commercialization activities far exceeded our efforts in 2005. We saw a 30 percent increase in the number of invention disclosures filed by our faculty, students and staff. Collaboration and innovation grew significantly in 2006 as measured by the number of multidisciplinary disclosures filed this past year. Close to 20 percent of disclosures filed were among multi-college disciplines. Finally, we are pleased to report that commercialization of the university's technology, as measured by "deal flow", increased by 30 percent over the previous year.

The Intellectual Property Office made great strides this past year in identifying new ways to leverage intellectual assets at the University of Cincinnati. We are committed to continuing our mission to facilitate, advocate and collaborate with UC faculty, staff and students, supporting an environment of invention and innovation. We look forward to continuing to find new and creative ways to drive discoveries into the marketplace.



Sandra Degen, PhD
Vice President of Research



Anne Chasser
Associate Vice President
Intellectual Property Office

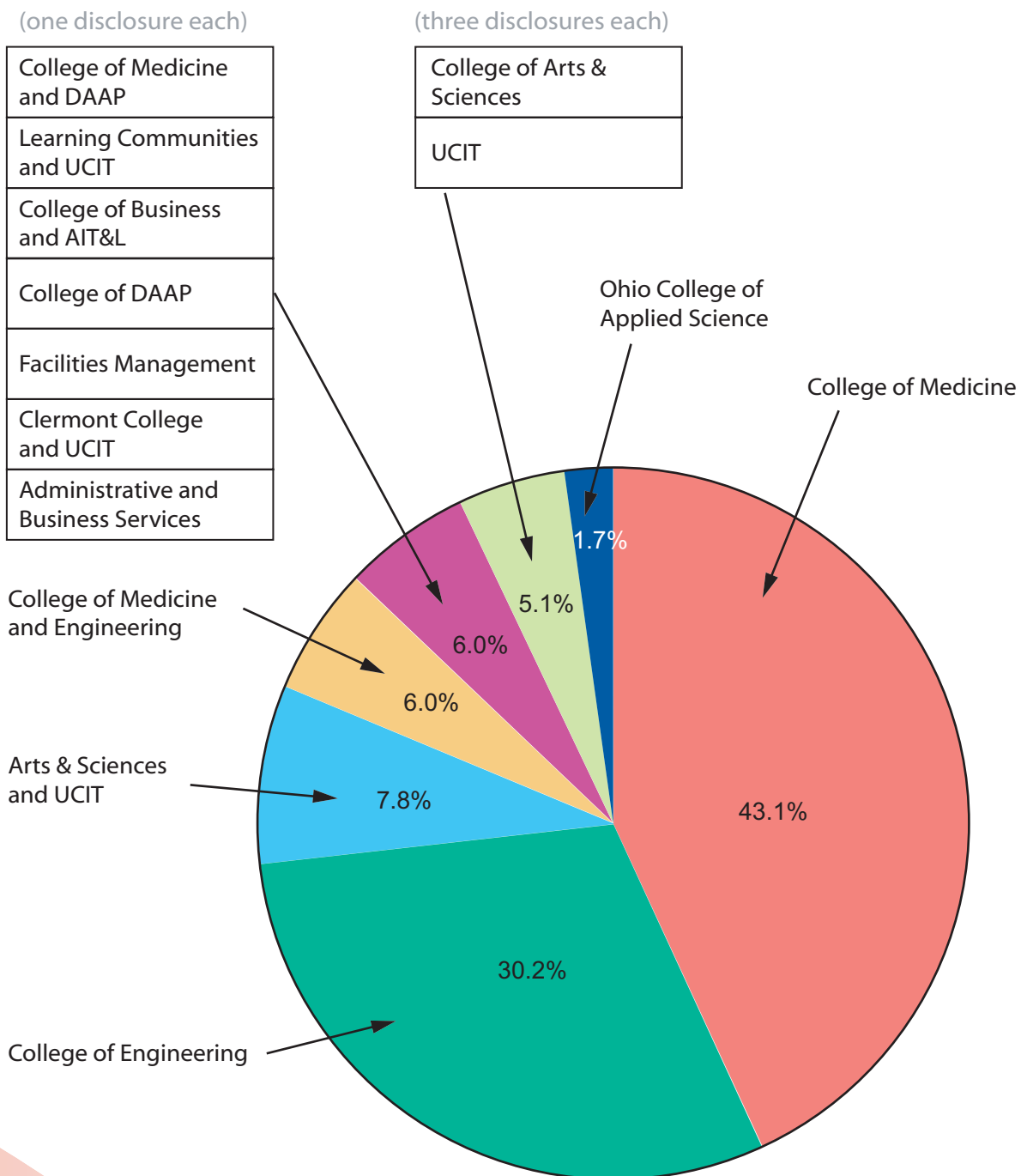


Technology Transfer Activity :: By the Numbers

Invention Disclosures	FY04	FY05	FY06
Total Inventions Reported	77	89	116
Medicine	19	31	50
Engineering	46	37	35
Arts & Sciences and UCIT	0	0	9
Medicine and Engineering	1	3	7
Arts & Sciences	6	13	3
Academic IT	1	0	3
Ohio College of Applied Science	0	0	2
DAAP	0	1	1
Medicine and DAAP	0	0	1
Administrative and Business Services	0	1	1
Facilities Management Administration	1	0	1
Clermont College and UCIT	0	0	1
Learning Opportunities and UCIT	0	0	1
Business and AIT&L	0	0	1
Engineering and Arts & Sciences	0	1	0
Medicine and Arts & Sciences	0	1	0
Law	1	0	0
Nursing	1	0	0
Business	1	1	0
Pharmacy	0	1	0
Royalty Income	\$321,972	\$967,546	\$741,995
Income Available for Distribution	\$214,385	\$660,819	\$447,839
Distribution			
Inventor Share	\$86,783	\$280,164	\$157,908
Department Share	56,201	152,727	141,979
University Share	47,124	141,897	92,550
College Share	24,277	85,567	55,400
Start-Up Activity	1	1	2



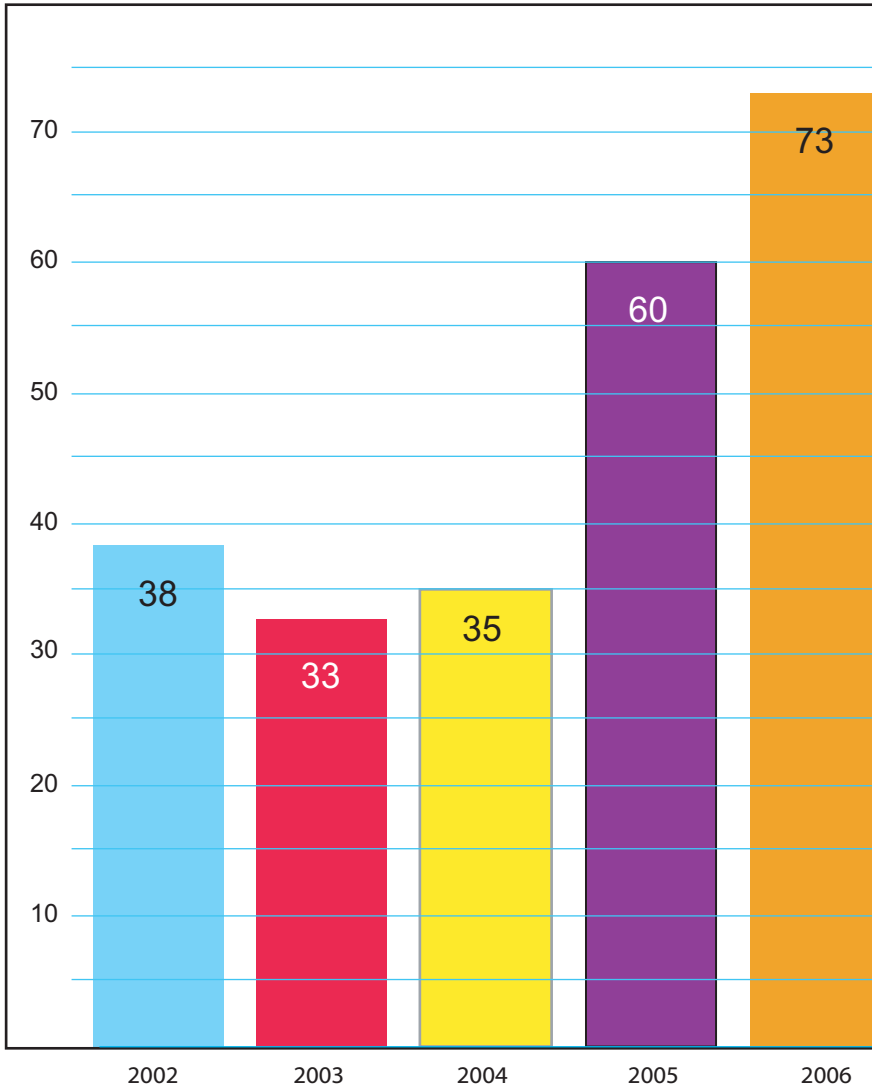
Disclosure Activity :: Invention Disclosures by College



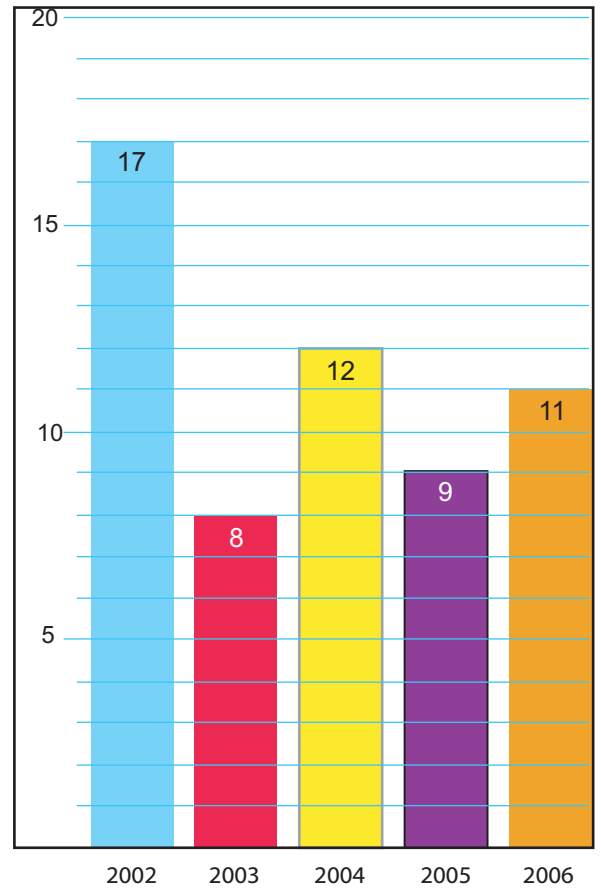


Technology Transfer Activity :: Patents Filed and Issued

U.S. Applications Filed



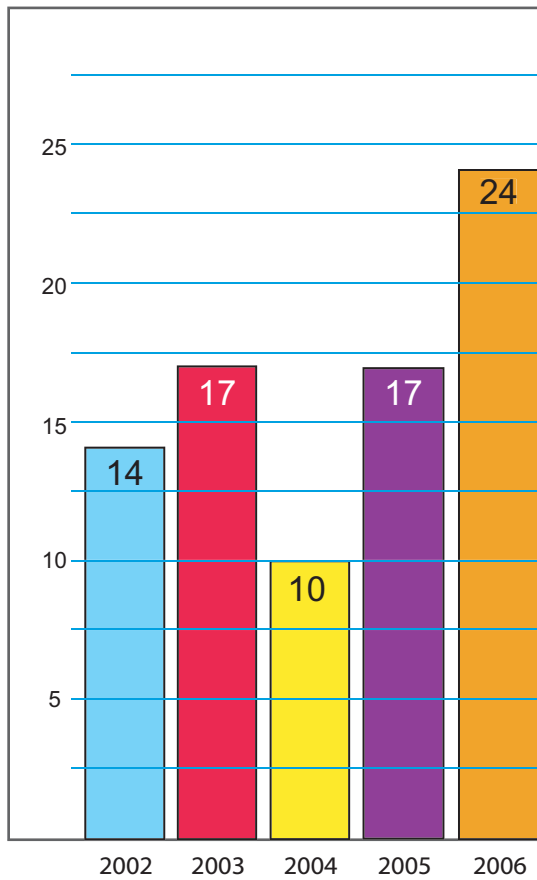
U.S. Patents Issued



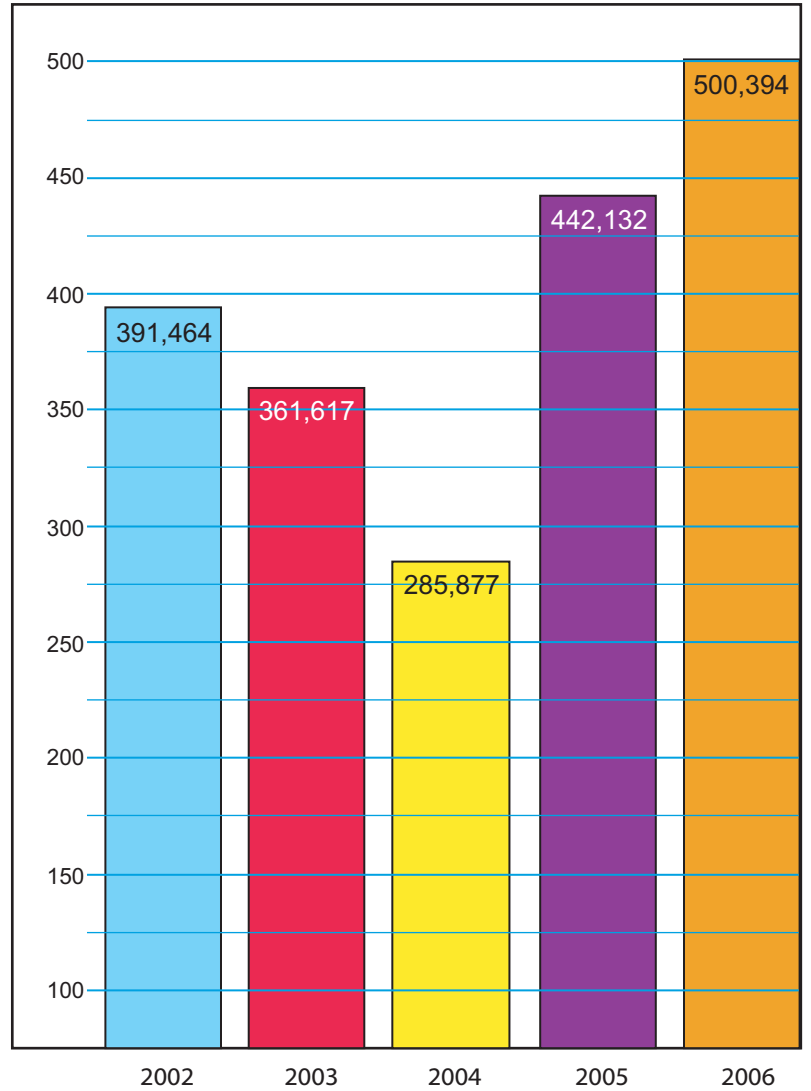
Technology Transfer Activity :: Deal Flow and Legal Expenditures



Deals :: Options, Licenses, Evaluations, Assignments and Amendments



Patent/Legal Expenses (in \$)





Special Report :: Innovation Imperative

The University of Cincinnati hosted the Innovation Imperative Symposium in March 2006. Thought leaders from business, education and government shared their views on the challenges and opportunities of collaborative approaches to innovation.

Innovation is changing business models and it is also changing our educational programs and processes. Through the symposium, faculty, staff and students demonstrated that thanks to our core capabilities to innovate, UC is uniquely positioned to lead in the new creative economy.

Participants heard from business leaders and government officials that they are looking to the University of Cincinnati as a resource and innovator for preparing students for the 21st century. Across the university, interdisciplinary teams of faculty and students are formulating new questions, pioneering new approaches to solutions, and creating new forms of knowledge and intellectual capital.

The Innovation Imperative Highlights ::

- Businesses seek the best talent internationally.
- The West has no monopoly on creativity.
- Students need to develop a bias toward collaboration to work on teams and develop divergent skill sets, and to feel, touch, and experience what they are learning about.
- Closer ties with business and professional societies are fundamental for innovation at the university.
- The humanities and social sciences are essential for fostering innovation.
- Prudent universities must change to better equip students with intercultural awareness, multidisciplinary collaboration skills, and a deep understanding of their disciplines.
- A brand equals reputation. Branding is an offensive strategy linked with promise and credibility. Patents are defensive, and on the opposite side of how to advance a product.
- The University of Cincinnati is the “go-to place” for innovative solutions.



Introducing :: 2006 Start-ups



Ahmed Shuja (left), shown with UC business professor Chuck Matthews, and Progressive Cooling Solutions received first runner-up honors in the 2006 "Stuart Clark New Ventures Challenge", held in Winnipeg, Manitoba

Progressive Cooling Solutions is a new venture based on silicon breakthrough technology in micro-electrical mechanical systems (MEMS) developed at the University of Cincinnati. The company, founded by UC College of Engineering doctoral student and entrepreneur Ahmed Shuja, will provide superior and novel MEMS-based thermal dissipation hardware for cooling commercial microchips and electronics. This hardware is more efficient, smaller and far more compatible and effective than other commercial systems. Progressive's primary line of business is the development of intellectual property in the field of electronics cooling and the generation of revenue through licensing and business-to-business hardware sales to original equipment manufacturers.

Progressive Cooling Solutions, LLC
6288 Lakewood Dr.
Hamilton, OH 45011-8152
(513) 860-1651



The Xanthostat founders
Fred Beyette, PhD, and Joseph Clark, PhD

Xanthostat Diagnostics Inc. is a Cincinnati-based startup company that is developing diagnostic technology to improve the detection of certain types of bleeding in the brain. Stroke is a leading cause of mortality in the United States, due in part to limited availability of diagnostic and treatment methodologies. UC has a long-standing tradition of research excellence in stroke research. This device evolved from a trans-disciplinary collaboration between Joseph Clark, PhD, of the Department of Neurology and Fred Beyette, PhD, of the College of Engineering. The technology provides a novel approach to measuring and differentiating stroke-related bleeding in cerebrospinal fluid. The company has its roots in the C3 Program, an entrepreneurial boot camp sponsored by the National Science Foundation, and is currently developing a prototype device based on intellectual property licensed from UC.



Xanthostat Diagnostics, Inc
7450 Montgomery Rd, Suite 300
Cincinnati, OH 45236
info@xanthostat.com





Celebrating :: Our Inventors



Pictured (left to right): Sandra Degen, PhD, Ambikaipakan Balasubramaniam, PhD, Steven Boyce, PhD, Sarah Boyd (accepting for Joseph Boyd, PhD), William Chance, PhD, Fred Finkelman, MD, John Franco, PhD, James Mark, PhD, Peter Smirniotis, PhD, Andrew Steckl, PhD, Wim van Ooij, PhD, and Anne Chasser

our team



Pictured left to right ::

- Matt Willenbrink, JD Senior Licensing Associate
- Mary Tensing Administrative Assistant
- Reid Smith Associate Director
- Ellen Monson, PhD Senior Licensing Associate
- Martin Ludwig Licensing Associate
- Anne Chasser Associate Vice President
- Dan O'Neill, JD Associate Director
- Christine Kremer Licensing Associate/ Administration

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