

## OFFICE OF TECHNOLOGY DEVELOPMENT

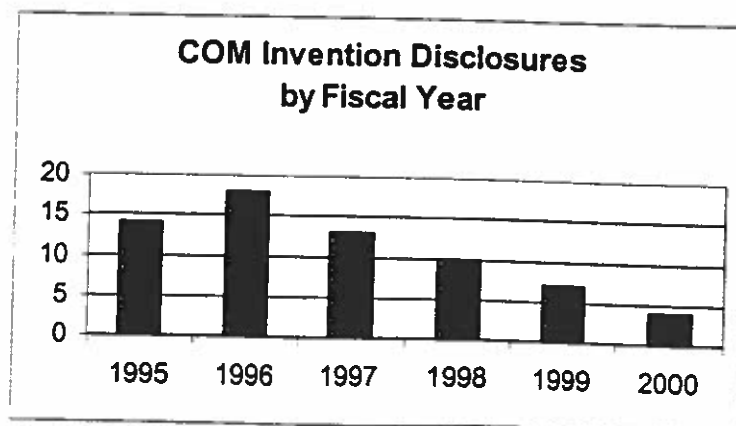
The Office of Technology Development (OTD), a new University-wide office, was launched in late 1999 as a reorganization and expansion of the former Office of Technology Transfer in the College of Medicine. Nicole Baute, previously Assistant Director of Technology Development at Tulane University, was recruited and hired as USA's Director of Technology Development in February, 2000. The OTD exists to identify, protect, commercialize and manage inventions made by members of the University of South Alabama community. The primary mission of the OTD is to deliver those discoveries from concept to commerce. In fulfilling this mission, the OTD works to expand the research enterprise of the University, provide assistance to all faculty as well as rewards to inventors, increase opportunities for economic development and outreach, and return to the public the benefits of university-based research.

The OTD handles all phases of the intellectual property process for the College of Medicine, including evaluation of invention disclosures, assessment of marketability and patentability of inventions, negotiation of licensing and research agreements, oversight of material transfer agreements, and management of the existing patent portfolio.

In FY2000, three inventions developed by College of Medicine faculty were issued patents by the US Patent & Trademark Office:

- US 5,997,915      Composition for human and animal consumption with reduced folates (S. Bailey & J. Ayling)
- US 6,020,120      Use of N-acetylcysteine to store red blood cells and a method of aging red cells (A. Shartava)
- US 6,087,398      Novel Sickle Cell Anemia Treatment (S. Goodman)

College of Medicine faculty disclosed four new inventions to OTD in FY2000. The figure below tracks the number of invention disclosures made by College of Medicine faculty in each fiscal year since 1995, when the original Office of Technology Transfer was founded.



During FY2000, overall technology development activities at the College of Medicine increased to the highest levels ever. The number of licenses executed jumped significantly, from none in FY1999 to seven in FY2000. The recipients of those licenses reimbursed the South Alabama Medical Science Foundation (SAMSF) for 64% of all legal fees spent on patenting and licensing activities. The College of Medicine, through SAMSF, collected a record income of \$340,186 associated with the licensing of inventions made by its faculty.

Further details about the operation of the Office of Technology Development in FY2000, and a comparison with the statistics of FY1999, can be found in the table below.

	1999	2000	CUM TOTAL
Gross Licensing Revenue	\$7,178	\$340,186	\$347,364
Invention Disclosures	7	4	11
US Patents Filed (all types)	11	5	16
US Patents Issued	6	3	9
Licenses/Options Executed	0	7	7
Licenses Generating Revenue	3	5	5
Total Active Licenses	7	10	10
Start-up Companies Formed	0	1	1
Legal Fees Expended	\$131,031	\$232,161	\$363,192
Legal Fees Reimbursed	\$0	\$148,832	\$148,832
Percent of Legal Expenses Reimbursed	0%	64%	41%
Research Agreements Executed	x	3	3
Research Dollars Associated w/Inventions	\$152,000	\$111,500	\$263,500
Material Transfer Agreements processed	x	10	10