

OFFICE OF TECHNOLOGY DEVELOPMENT

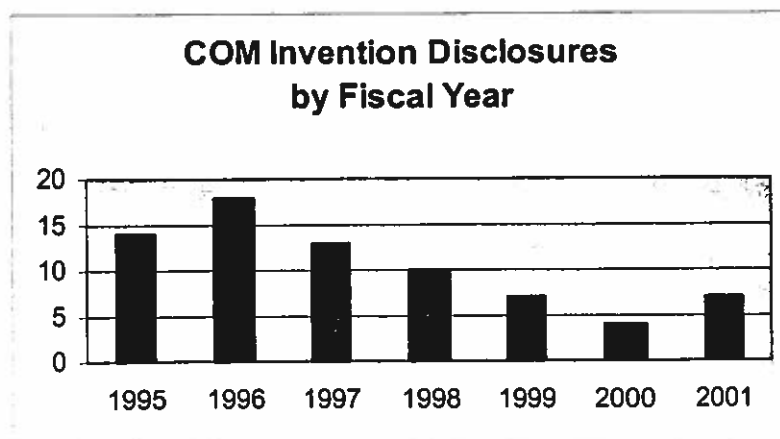
The Office of Technology Development (OTD) exists to identify, protect, commercialize and manage inventions made by members of the University of South Alabama community. The primary mission of the OTD is to deliver those discoveries from concept to commerce. In fulfilling this mission, the OTD works 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 FY2001, four inventions developed by College of Medicine faculty were issued patents by the US Patent & Trademark Office:

- US 6,130,207 Cell-specific molecule and method for importing DNA into a nucleus
(D. Dean & W. Zimmer)
- US 6,235,891 Glucocorticoid receptor agonist and decreased PP5
(R. Honkanen)
- US 6,254,904 Food and vitamin preparation containing the natural isomer of reduced folates
(S. Bailey & J. Ayling)
- US 6,274,615 Method for delaying the onset of Alzheimer's disease
(M. Pappolla)

College of Medicine faculty disclosed seven new inventions to OTD in FY2001. 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 FY2001, technology development activities at the College of Medicine increased in some measures and decreased in others. The invention disclosures almost doubled, reflecting an increased awareness of the opportunity for commercial development of novel discoveries. The number of licenses signed in FY2001 decreased in comparison to the number signed in FY2000 due in large part to the complexity of several deals currently in negotiation.

Licenses of COM inventions reimbursed the South Alabama Medical Science Foundation (SAMSF) for 71% of legal fees spent on patenting and licensing activities related to those inventions. The College of Medicine, through SAMSF, received \$76,125 associated with the licensing of inventions made by its faculty and generated \$153,000 in sponsored research funding associated with inventions. The total income of all types received by OTD in working with COM faculty to commercialize inventions was \$247,225.

Further details about the operation of the Office of Technology Development in FY2001, and a comparison with the statistics of the previous two fiscal years, can be found in the table below.

	1999	2000	2001	CUM TOTAL
Gross Licensing Revenue	\$7,178	\$340,186	\$76,125	\$423,489
Licenses/Options Executed	0	7	2	9
Licenses Generating Revenue	3	5	4	n/a
Total Active Licenses	7	10	13	n/a
Invention Disclosures	7	4	7	18
US Patents Filed (all types)	11	5	5	21
US Patents Issued	6	3	4	13
Start-up Companies Formed	0	1	0	1
Legal Fees Expended	\$131,031	\$232,161	\$81,945	\$445,137
Legal Fees Reimbursed	\$0	\$148,832	\$58,100	\$206,940
Percent of Expenses Reimbursed	0%	64%	71%	46%
Research Agreements Executed	x	3	1	4
Research Dollars associated with Inventions	\$152,000	\$111,500	\$153,100	\$416,600
Material Transfer Agreements	x	10	16	26