

FY 2005 EXECUTIVE SUMMARY

During fiscal year 2005, 216 grants and contracts from extramural sponsors were awarded to The Medical University of Ohio at Toledo to support research and other programs. One hundred thirty-three of these were competitive awards including 110 new grants, 23 competitive renewals of existing grants. The total value of these awards was \$22,889,240. This included \$17,765,887 of direct costs awarded for the support of costs specific to each funded program (e.g., laboratory supplies, equipment and personnel), and \$5,123,353 awarded for facilities and administrative costs to defray University infrastructure costs which cannot be identified with any specific sponsored program (e.g., library operations, facilities support and administrative support). Most of this extramural support was for research programs (\$19,622,557), and federal agencies provided the majority of that research support (\$16,582,617). The attached report includes a comprehensive listing of grant and contract awards to MUOT during FY2005 sorted by: 1) MUOT programmatic component (e.g., academic, support); 2) type of activity (e.g., research); 3) type of sponsor (e.g., federal); 4) primary academic school and department of principal investigator/program director; and 5) principal investigator/program director. The report also includes a number of graphs illustrating the relative distribution of these awards in a number of areas, including: 1) the various types of MUOT programs (e.g., research, education, etc.) receiving extramural awards (85.72% of the total dollar volume of sponsored program awards was for research, either investigator-initiated (79.95%) or industry-initiated clinical trials in which an MUOT faculty member participated (5.77%)); 2) the distribution of MUOT grant and contract awards among the various types of funding agencies (e.g., federal, state, etc.) sponsoring MUOT programs (in FY2005, 82.6% of the total dollar volume of sponsored program awards was from federal agencies); and 3) the distribution of those federal awards among the various federal agencies awarding funds to MUOT (almost 86% of FY2005 federal awards were from the National Institutes of Health).

During FY2005, 380 proposals for new, continuing and renewal sponsored programs were submitted by MUOT faculty, staff and students. Most of these proposals (224) were to federal agencies. One notable factor is that the number of individually negotiated research agreements, mostly with corporate research sponsors, has almost doubled in the past 10 years, from 64 in 1996 to 114 in 2005.

MUOT's Research Regulatory Compliance Committees, charged with ensuring that research conducted at MUOT and by MUOT faculty is conducted in compliance with federal and state regulations and guidelines, as well as MUOT policies, did an outstanding job in FY2005. The MUOT Institutional Animal Care and Use Committee, responsible for approving all research involving vertebrate animals, managed a total of 146 research protocols during FY2005 and was involved in 425 actions associated with these protocols, including review of new research protocols, continuing review of ongoing research protocols, and review of amendments to ongoing research protocols. The MUOT Academic Chemical Hazards Committee, responsible for approving research use of hazardous chemicals, managed a total of 18 research protocols and was involved in 30 actions during FY2005, which included continuing review of ongoing research protocols. The MUOT Institutional Biosafety Committee, responsible for approving all research involving biohazardous materials or recombinant DNA, managed a total of 70 protocols during FY2005 and was involved in 44 actions which included review of new research protocols and continuing review of ongoing research protocols.

In FY2005, MUOT received six invention disclosures from its faculty and staff. Two new U.S. patents were filed by, or on behalf of, MUOT in FY2005. No new U.S. patents were issued to MUOT during FY2005. One new license for commercialization of MUOT technologies was granted by MUOT in FY2005. Currently there are twenty-one (18 U.S. and 3 Foreign) active licenses managed by MUOT. In FY2005, ten of these licenses generated royalties totaling \$74,805.

Although not shown in this report, it is worthy of note that during FY2005 approximately \$3.3 million of faculty academic salaries and fringe benefits was paid from extramural grants/contracts, resulting in a direct savings to the University General Fund of a like amount. In addition, \$4.5 in Facilities and Administrative Costs recovered from grant expenditures during FY2005 went directly into the University General Fund. Thus, extramural sponsored programs contributed over \$7.8 million to the University General Fund during the past fiscal year. In addition to faculty academic salaries, these grants also were directly responsible for fully or partially funding over 517 non-faculty personnel with salaries and fringe benefits totaling almost \$7 million. Extramural sponsored programs were also a major factor in supporting the Graduate School, since approximately one-third (approximately \$600,000) of the compensation paid to graduate students in the Ph.D. and M.D./Ph.D. programs was paid from extramural sponsored programs. Finally, the \$567,033 in Research Challenge funds received from OBR during FY2005 was the direct result of extramural research funding generated by MUOT faculty from non-State agencies.