

## FY 2006 EXECUTIVE SUMMARY

During fiscal year 2006, 214 grants and contracts from extramural sponsors were awarded to The Medical University of Ohio to support research and other programs. 143 of these were competitive awards including 124 new grants and 19 competitive renewals of existing grants. The total value of these awards was \$23,699,801. This included \$18,762,278 of direct costs awarded for the support of costs specific to each funded program (e.g., laboratory supplies, equipment and personnel), and \$4,937,524 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 (\$19,872,693), and federal agencies provided the majority of that research support (\$16,370,447). The attached report includes a comprehensive listing of grant and contract awards to MUO during FY2006 sorted by: 1) MUO 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 MUO programs (e.g., research, education, etc.) receiving extramural awards (83.27% of the total dollar volume of sponsored program awards was for research, either investigator-initiated (76.47%) or industry-initiated clinical trials in which an MUO faculty member participated (6.8%)); 2) the distribution of MUO grant and contract awards among the various types of funding agencies (e.g., federal, state, etc.) sponsoring MUO programs (in FY2006, 81% 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 MUO (over 80% of FY2006 federal awards were from the National Institutes of Health).

During FY2006, 288 proposals for new, continuing and renewal sponsored programs were submitted by MUO faculty, staff and students. Most of these proposals (149) were to federal agencies. One notable factor is that the number of individually negotiated research agreements, mostly with corporate research sponsors, has increased in the past 10 years, from 71 in 1997 to 87 in 2006.

MUO's Research Regulatory Compliance Committees, charged with ensuring that research conducted at MUO and by MUO faculty is conducted in compliance with federal and state regulations and guidelines, as well as MUO policies, did an outstanding job in FY2006. The MUO Institutional Animal Care and Use Committee, responsible for approving all research involving vertebrate animals, managed a total of 148 research protocols during FY2006 and was involved in 337 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 MUO Institutional Biosafety Committee, responsible for approving all research involving biohazardous materials or recombinant DNA, managed a total of 60 protocols during FY2006 and was involved in 16 actions which included review of new research protocols and continuing review of ongoing research protocols.

In FY2006, MUO received thirteen invention disclosures from its faculty and staff. No new U.S. patents were filed by, or on behalf of, MUO in FY2006. One new U.S. patent was issued to MUO during FY2006. Two new licenses for commercialization of MUO technologies were granted to MUO in FY2006. Currently there are seventeen (14 U.S. and 3 Foreign) active licenses managed by MUO. In FY2006, thirteen of these licenses generated royalties totaling \$228,900.

Although not shown in this report, it is worthy of note that during FY2006 approximately \$3.2 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, \$4,479,319 in Facilities and Administrative Costs recovered from grant expenditures during FY2006 went directly into the University General Fund. Thus, extramural sponsored programs contributed over \$7.6 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 568 non-faculty personnel with salaries and fringe benefits totaling almost \$6.7 million. Extramural sponsored programs were also a major factor in supporting the Graduate School, since approximately one-third (over \$400,000) 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 \$595,734 in Research Challenge funds received from OBR during FY2006 was the direct result of extramural research funding generated by MUO faculty from non-State agencies.