

FY 2003 EXECUTIVE SUMMARY

During fiscal year 2003, 194 grants and contracts from extramural sponsors were awarded to The Medical College of Ohio to support research and other programs. 109 of these were competitive awards including 85 new grants, 24 competitive renewals of existing grants. The total value of these awards was \$21,390,910. This included \$16,864,500 of direct costs, for the support of costs specific to each funded program (e.g., laboratory supplies, equipment and personnel), and \$4,526,411 of facilities and administrative costs to defray College 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 (\$18,308,045), and federal agencies provided the majority of that research support (\$15,146,842). The attached report includes a comprehensive listing of grant and contract awards to MCO during FY2003 sorted by: 1) MCO 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 MCO programs (e.g., research, education, etc.) receiving extramural awards (85.7% of the total dollar volume of sponsored program awards was for research, either investigator-initiated (80.1%) or industry-initiated clinical trials in which an MCO faculty member participated (5.6%)); 2) the distribution of MCO grant and contract awards among the various types of funding agencies (e.g., federal, state, etc.) sponsoring MCO programs (in FY2003, 82.1% 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 MCO (over 84% of FY2003 federal awards were from the National Institutes of Health).

During FY2003, 360 proposals for new, continuing and renewal sponsored programs were submitted by MCO faculty. Most of these proposals (205) were to federal agencies. One notable factor is that the number of individually negotiated research agreements, mostly with corporate research sponsors, has more than doubled in the past 10 years, from 45 in 1994 to 102 in 2003.

MCO's Research Regulatory Compliance Committees, charged with ensuring that research conducted at MCO and by MCO faculty is conducted in compliance with federal and state regulations and guidelines, as well as MCO policies, did an outstanding job in FY2003. The MCO Institutional Review Board, responsible for approving all research involving human subjects, managed a total of 711 research protocols during FY2003 and was involved in 2,068 actions that included review of new research protocols, continuing review of ongoing research protocols, review of protocols for HIPAA-related issues, and review of amendments and adverse events for ongoing research protocols. The MCO Institutional Animal Care and Use Committee, responsible for approving all research involving vertebrate animals, managed a total of 201 research protocols during FY2003 and was involved in 459 actions associated with these protocols, including review new research protocols, continuing review of ongoing research protocols, and review of amendments to ongoing research protocols. The MCO Academic Chemical Hazards Committee, responsible for approving research use of hazardous chemicals, managed a total of 15 research protocols and was involved in 60 actions during FY2003, which included review of new research protocols and continuing review of ongoing research protocols. The MCO Institutional Biosafety Committee, responsible for approving all research involving biohazardous materials or recombinant DNA, managed a total of 14 protocols during FY2003 and was involved in 47 actions which included review of new research protocols and continuing review of ongoing research protocols.

In FY2003, MCO received 11 invention disclosures from its faculty and staff. Nine new U.S. patents were filed by, or on behalf of, MCO in FY2003. No new U.S. patent were issued to MCO during FY2003. Two new licenses for commercialization of MCO technologies were granted by MCO in FY2003. Currently there are twenty-two (19 U.S. and 3 Foreign) active licenses managed by MCO. In FY2003, six of these licenses generated royalties totaling \$30,694.

Although not shown in this report, it is worthy of note that during FY2003 approximately \$3.0 million of faculty academic salaries and fringe benefits was paid from extramural grants/contracts, resulting in a direct savings to the College General Fund of a like amount. In addition, \$4,131,089 in Facilities and Administrative Costs recovered from grant expenditures during FY2003 went directly into the College General Fund. Thus, extramural sponsored programs contributed over \$7 million to the College 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 250 non-faculty personnel with salaries and fringe benefits totaling over \$6.5 million. Extramural sponsored programs were also a major factor in supporting the Graduate School, since approximately one-third (over \$266,000) 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 \$584,811 in Research Challenge funds received from OBR during FY2003 was the direct result of extramural research funding generated by MCO faculty from non-State agencies.