

FY 2002 EXECUTIVE SUMMARY

During fiscal year 2002, 175 grants and contracts were awarded to The Medical College of Ohio. Ninety-eight of these were competitive awards including 72 new grants, 29 competitive renewals of existing grants, and 6 grants transferred to MCO along with their principal investigators. The total value of these awards was \$20,489,848. This included \$16,456,622 of direct costs, for the support of costs specific to the funded projects (e.g., laboratory supplies, equipment and personnel), and \$4,033,226 of facilities and administrative costs to defray College research costs which cannot be identified with any specific research project (e.g., library operations, facilities support and administrative support). The attached report includes a comprehensive listing of grant and contract awards to MCO during FY2002 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 department of principal investigator, and 5) principal investigator/project 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 (84% of the total dollar volume of sponsored program awards was for research, either investigator-initiated (81%) or industry-initiated clinical trials (3%)); 2) the distribution on MCO grant and contract awards among the various types of agencies (e.g., federal, state, etc.) sponsoring MCO programs (in FY2002, 81.2% of the total dollar volume of sponsored program awards was from federal sources); and 3) the distribution of those federal awards among the various federal agencies awarding funds to MCO (over 81% of federal awards were from the National Institutes of Health).

During FY2002, 365 proposals for new, continuing and renewal grants and contracts were submitted by MCO faculty.

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 FY2002. The MCO Institutional Review Board, responsible for approving all research involving human subjects, managed a total of 866 research protocols during FY2002 and was involved in 1,110 actions that included review of new research protocols, continuing review of ongoing research protocols, 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 170 research protocols during FY2002 and was involved in 351 actions, that included 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 41 research protocols and was involved in 41 actions during FY2002, 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 11 protocols during FY2002 and was involved in 11 actions which included review of new research protocols and continuing review of ongoing research protocols.

In FY2002, MCO received eight invention disclosures from its faculty and staff. Six new U.S. patents were filed by or on behalf of MCO in FY2002, and one U.S. patent was issued. Four new licenses were granted by MCO in FY2002. Currently there are seventeen (15 U.S. and 2 Foreign) active licenses managed by MCO. In FY2002, six of these licenses generated royalties totaling \$118,412.

Although not shown in this report, it is worthy of note that during this same period (July 1, 2001 - June 30, 2002) approximately \$2.5 million of faculty academic salaries and fringe benefits was paid from extramural grants, resulting in a direct savings to the College budget of a like amount. In addition, \$3,451,625 in facilities and administrative costs recovered from grant expenditures during FY2002 went directly into the College general fund. Thus, extramural grants and contracts contributed almost \$6 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 240 non-faculty personnel with salaries and fringe benefits totaling over \$5 million. Extramural grants and contracts were also a major factor in supporting the Graduate School, since approximately one-third (over \$340,000) of the compensation paid to graduate students in the Ph.D. and M.D./Ph.D. programs was paid from extramural grants and contracts. Finally, the \$607,622 in Research Challenge funds received from OBR during FY2002 was the direct result of extramural research funding generated by MCO faculty from non-State agencies.