FY 96 EXECUTIVE SUMMARY

During fiscal year 1996, 166 grants and contracts (100 of which were new applications or competitive renewals) were awarded to The Medical College of Ohio. The total value of these awards was $15,453,981. This included $11,999,225 of direct costs, for the support of costs specific to the funded projects (e.g., laboratory supplies, equipment and personnel), and $3,454,756 of indirect 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 FY 96 sorted by: 1) type of award (e.g., research), 2) type of sponsor (e.g., federal), 3) primary academic department of principal investigator, and 4) principal investigator. The graph on page 2 provides a comparison of MCO Schools and Departments with respect to extramural grant and contract awards for FY 96. The graph on page 10 tracks the annual grant and contract awards to MCO annually for the past 28 years. The graph on page 11 illustrates the relative distribution of these awards among the various types of MCO programs (e.g., research, education, etc.) receiving extramural awards. The graph on page 12 shows the distribution of MCO grant and contract awards among the various types of agencies (e.g., federal, state, etc.) sponsoring MCO programs. In FY 96, 74% of the total dollar volume of sponsored program awards was from federal sources. 88% of the total dollar volume of sponsored program awards was from investigator-initiated research (75%) and clinical trials (13%).

During FY 96, 322 proposals for new, continuing and renewal grants and contracts were submitted by MCO faculty. The total proposed value of these proposals was $34,924,403. An analysis of these proposals showing the number of proposals submitted to various types of granting agencies may be found on page 20. A Table detailing the numbers of proposals, research agreements/subcontracts and material transfer agreements processed during FY96 may be found on page 21.

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 guidelines and MCO policies, did an outstanding job in FY96. The MCO Institutional Review Board, responsible for approving all research involving human subjects, reviewed 523 research protocols. The MCO Institutional Animal Care and Use Committee, responsible for approving all research involving vertebrate animals, reviewed 86 research protocols. The MCO Academic Biological and Chemical Hazards Committee, responsible for approving all research utilizing hazardous or infectious materials, reviewed 50 research protocols and the MCO Institutional Biosafety Committee, responsible for approving all research involving recombinant DNA, reviewed 13 research protocols.

In FY 96, MCO received 3 invention disclosures from its faculty and staff and, in conjunction with collaborating institutions and research sponsors filed a total of 5 U.S. patent applications (including continuations-in-part and divisional applications). Of these filings, 2 were for new patents. During this period, 3 U.S. patents were issued which included MCO inventors. In FY96, 2 new license agreements were executed for MCO technology, bringing to 12 (10 U.S. and 2 Foreign) the total number of active licenses currently managed by MCO (see Table on page 24). Royalties received from these licenses in FY96 totaled $191,162.

Although not shown in this report, it is worthy of note that during this same period (July 1, 1995 - June 30, 1996) approximately $2.1 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. Since the $2,806,662 indirect cost recovered from grant expenditures during FY 96 also went directly into the College general fund, extramural grants and contracts contributed almost $5 million to the College general fund during the past year. In addition to faculty academic salaries, these grants also were directly responsible for the employment of approximately 126 non-faculty research personnel with salaries and fringe benefits of over $3.3 million and were a major factor in supporting the Graduate School. Over one-third ($639,630) of the compensation paid to graduate students in the Ph.D. and M.D./Ph.D. programs was paid from grants and contracts.