FY 2001 EXECUTIVE SUMMARY

During fiscal year 2001, 159 grants and contracts were awarded to The Medical College of Ohio. One hundred (100) of these were competitive awards including 86 new grants, 14 competitive renewals of existing grants, and 1 grant transferred to MCO along with its principal investigator, who became a new MCO faculty member in FY 2001. The total value of these awards was $18,986,055. This included $15,492,323 of direct costs, for the support of costs specific to the funded projects (e.g., laboratory supplies, equipment and personnel), and $3,493,732 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 FY2001 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. A graph illustrates the relative distribution of these awards among the various types of MCO programs (e.g., research, education, etc.) receiving extramural awards. 87% of the total dollar volume of sponsored program awards was for research, either investigator-initiated (77%) or industry-initiated clinical trials (10%). Another graph shows the distribution on MCO grant and contract awards among the various types of agencies (e.g., federal, state, etc.) sponsoring MCO programs. In FY2001, 77% of the total dollar volume of sponsored program awards was from federal sources. A third graph shows the distribution of federal awards among the various federal agencies awarding funds to MCO.

During FY2001, 313 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 FY2001. The MCO Institutional Review Board, responsible for approving all research involving human subjects, reviewed 704 items that include new research protocols, annual review of ongoing research protocols, and amendments to ongoing research protocols. The MCO Institutional Animal Care and Use Committee, responsible for approving all research involving vertebrate animals, reviewed 242 items, that included new research protocols, research protocols being renewed, and amendments to ongoing research protocols. The MCO Academic Chemical Hazards Committee, responsible for approving all research utilizing hazardous chemicals, reviewed 33 items that included new research protocols and research protocols being renewed. The MCO Institutional Biosafety Committee, responsible for approving all research involving biohazardous materials or recombinant DNA, reviewed 28 items that included new research protocols and research protocols being renewed.

In FY2001, MCO received 11 invention disclosures from its faculty and staff. During this period, no U.S. patents were issued which included MCO inventors. Currently there are 17 (15 U.S. and 2 Foreign) active licenses managed by MCO. In FY2001, 7 of these licenses generated royalties totaling $1,924,749, which included revenue of $1,875,000 from an Asset Purchase Agreement through which MCO transferred all of its rights in one patent to a licensee.

Although not shown in this report, it is worthy of note that during this same period (July 1, 2000 - June 30, 2001) 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, $3,329,720 in facilities and administrative costs recovered from grant expenditures during FY2001 went directly into the College general fund. Thus, extramural grants and contracts contributed over $5.8 million to the College General Fund during the past fiscal year. In addition to faculty academic salaries, these grants also were directly responsible for the full or part-time employment of over 200 non-faculty personnel with salaries and fringe benefits totaling over $4.5 million. Extramural grants and contracts were also a major factor in supporting the Graduate School, since approximately one-third (over $357,000) 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 $730,974 in Research Challenge funds received from OBR during FY2001 was the direct result of extramural research funding generated by MCO faculty from non-State agencies.