

NIH GUIDE

for GRANTS and CONTRACTS

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Vol.3, No.4, March 13, 1974

BIOMEDICAL ENGINEERING CENTERS

ANNOUNCEMENT

In the past ten years the biomedical engineering program of the National Institute of General Medical Sciences has matured into one of national significance for health. Over the next several years the Institute will undertake a grant-supported program of biomedical engineering research centers to exploit further the growing relationship between engineering, biology and medicine.

It is anticipated that:

- (1) these centers will usually be multidisciplinary and multidepartmental and that they will stimulate the evolution of new linkages and institutional forms between engineering and medical schools.
- (2) their efforts will be variously balanced between research, development and application.
- (3) they will have clusters of objectives which can be defined and to which answers are being sought.
- (4) they may serve as regional foci for special-purpose research or development.

With the passage of time, it is intended that these centers will contribute to:

- (1) clearer definition of the basic nature of the interrelationship between engineering and biomedicine.
- (2) sharper delineation of the means by which the national engineering capability can more effectively be directed toward fundamental and applied biomedical problems.
- (3) continuing assessment of the areas of greatest potential for the application of engineering concepts and practice to biomedicine.
- (4) the design of more effective administrative frameworks for biomedical engineering activity.
- (5) a more meaningful statement of national policy and priorities in this area.

The GUIDE is published at irregular intervals to provide policy and administrative information to individuals and organizations who need to be kept informed of requirements and changes in grants programs administered by the National Institutes of Health.

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Grant applications for support of biomedical engineering centers through NIGMS should be submitted to the Division of Research Grants, NIH. The next deadline date for receipt of center grant applications is June 1, 1974. Guidelines on characteristics it seeks in the centers are available from the NIGMS and should be reviewed before an application is attempted. Also, since the preparation of a center grant application is a relatively complex undertaking, would-be applicants are strongly advised to discuss its preparation with NIGMS staff during early planning stages. In addition, it could be to the applicant's advantage to submit a draft proposal for informal Institute evaluation and possible modification well in advance of the deadline for formal submission. Inquiries are welcomed and may be directed to:

Dr. Bernard Shacter
Chief, Research & Development Section
Biomedical Engineering Program
National Institute of General Medical Sciences
National Institutes of Health
Bethesda, Maryland 20014

(Telephone: 301 496-7168)

RESEARCH GRANT SUPPORT FOR STUDIES OF NEUROLOGICAL,
NEUROMUSCULAR AND COMMUNICATIVE DISORDERS;
RESEARCH GRANT SUPPORT IN THE AREA OF CHIROPRACTY

ANNOUNCEMENT

The National Institute of Neurological Diseases and Stroke (NINDS), a division of NIH, provides financial support for the development of new biomedical information and the further evaluation of the existing biomedical information about disorders of the neurological, the neuromuscular and human communication systems; this includes fundamental research pertinent to understanding the structure and function of these systems and clinical research focused on improved diagnosis, therapy and prevention.

It may not be generally known that grant-supported chiropractic research and research relevant to chiropractic concepts fall within the responsibility of the NINDS. This includes research on areas such as spinal biomechanics, the anatomy, physiology and pathophysiology of the subluxation lesion, and controlled clinical trials of chiropractic diagnosis and therapy.

All research grant proposals submitted to the NINDS are reviewed on a competitive basis by scientific merit review committees of the NIH and then by the National Advisory Neurological Diseases and Stroke Council. Applications for NINDS research grant support can be funded only if recommended for approval by the National Advisory Council.

Further information and application forms can be obtained from:

Extramural Programs
Westwood Building
National Institute of
Neurological Diseases
and Stroke
National Institutes of Health
Bethesda, Maryland 20016

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