

**FOUNDATION OF THE UNIVERSITY OF MEDICINE AND DENTISTRY  
OF NEW JERSEY**

***ANNUAL GRANTS PROGRAM***

**APPLICATION FORMS AND INSTRUCTIONS  
FOR RESEARCH PROPOSALS**

FOUNDATION OF THE UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY

***ANNUAL GRANTS PROGRAM***

**RESEARCH GRANT REQUEST**  
**Instructions**

Please read Instructions and Policies and Procedures document before completing the Grant Request. Applications must be typewritten and two-sided. Applications not adhering to these instructions will be returned to the applicant.

**PART I: FACE SHEET**

1. Self-explanatory.
2. Indicate in full all current UMDNJ academic and/or administrative titles of the principal investigator, such as Assistant Professor, Associate Dean, Director, etc. .
3. Self-explanatory.
4. Self-explanatory.
5. Indicate the primary and secondary research areas of the proposal using categories from the attached research classification list.
6. Specify which UMDNJ school, patient care unit or administrative unit will be involved in this project. Use standard abbreviations.
7. Amount requested should not exceed \$35,000 unless explained and justified through consultation with the appropriate Associate Dean for Research. See Section II.B. of Policies and Procedures document. The grant period should not exceed 12 months. See Section IV of Policies and Procedures document.
8. Give full mailing address at UMDNJ.
9. Self-explanatory.
10. Self-explanatory.
11. Self-explanatory.

**PART II: CHECKLIST**

Check off all appropriate boxes and provide all information requested. Sign and include with application immediately following the Face Sheet.

**PART III: BUDGET AND BUDGET NARRATIVE**

Complete all THREE columns for each line for which Foundation funds are requested. Refer to Section IX. of Policies and Procedures document. Attach narrative explaining each budget item. **Please note that travel fund requests will not be considered except in unusual circumstances in which case a specific request and justification must be made.**

## **PART IV: ABSTRACTS, NARRATIVE AND C.V.'s**

Each applicant should consult his/her Associate Dean for Research for any modifications that may be required by the school.

### **1. Abstracts**

Two separate abstracts must be submitted: one in scientific terms and the other in lay language. The scientific abstract must not exceed two single-spaced sides. The lay abstract should be limited to one page, double-spaced on a separate sheet, and written in terms understandable by the public.

The scientific abstract should include:

- clearly presented hypothesis and goals;
- scientific background and rationale, including significance of project within its discipline;
- brief description of experimental approach;
- evaluation methodology, including statistical approach if appropriate;
- potential problems or impediments that may be encountered;
- possible outcomes and their implications for plans for future research.

### **2. Proposal**

Describe the proposed research. **This narrative should be limited to 15 (fifteen) sides.** Additional relevant data or information may be included as appendices. Contents and organization of the proposal should follow the requirements of NIH grant applications as described in grant application form PHS 398, "Research Plan". This includes (1) Specific Aims, (2) Background and Significance, (3) Preliminary Studies, (4) Research Design and Methods, (5) Human Subjects, (6) Vertebrate Animals, (7) Consultants/Collaborators, and (8) Literature Cited.

The narrative should contain a description of the resources and facilities available to carry out the proposed research.

If the proposal is part of ongoing research, there should be an identification of those specific experiments for which Foundation funding is being sought and a description of how they fit into previous work and future plans. If the proposal is part of a larger project, the investigator should indicate those specific objectives of the total project expected to be achieved with a Foundation grant. Latitude within this category can be achieved through collaboration with the appropriate Associate Dean for Research.

### **3. Collaborative Arrangements**

If the proposed project requires collaboration with other institutions, describe the collaboration and provide evidence that the institutions involved agree.

### **4. Other Support for this Project**

If funds have been applied for or secured from other sources to partially support this project, list the source(s), amount(s), purpose(s) and funding period(s).

5. **All Other Support**

For each of the principal/co-investigators, list, in three separate groups: (1) all active support; (2) all applications pending review and/or funding; (3) all applications planned or being prepared for submission. Include all Federal, non-Federal, and institutional grant and contract support. Include grants on which you are not the principal investigator. If none, state "NONE".

For each item give the source of support, project title, name of principal investigator, time or percent of effort on the project by the professional named, annual direct costs, and entire period of support. (If part of a larger project, provide the titles of both the parent grant and the subproject and give the annual direct costs for each.) Briefly describe the contents of each item listed. Are any of these other sources of support available for the proposed project that is the subject of the Foundation application? If any of these overlap, duplicate, or are being replaced or supplemented by the current Foundation application, justify and delineate the nature and extent of the scientific and budgetary overlaps or boundaries.

6. **Future Funding**

Describe how this project will be funded after the requested Foundation award has terminated.

7. **Curricula Vitae**

DO NOT EXCEED THREE SIDES FOR EACH PERSON

Give the following information for the **principal investigator and for each co-investigator**:

*Education:* Beginning with baccalaureate and including postdoctoral training, list institution(s) and respective location(s), degree(s) and year(s) conferred, and field(s) of study.

*Research and/or Professional Experience:* Concluding with present position, list in chronological order previous employment, experience and honors. List all previous and current grants with titles, dates, amounts and funding agencies. List in chronological order the titles and complete references to recent representative publications, especially those most pertinent to this application.

**It should be clear from information included in the C.V.'s that the principal investigator and/or co-investigator possess the education, training and experience necessary to carry out the research being proposed.**

**FOUNDATION OF UMDNJ ANNUAL GRANTS PROGRAM  
RESEARCH GRANT REQUEST**

**PART I: FACE SHEET**

1. Title of proposal: \_\_\_\_\_
  
2. Principal Investigator's full name, department and all current academic and/or administrative titles in full:  
\_\_\_\_\_  
\_\_\_\_\_
  
3. School or unit of academic or administrative appointment: \_\_\_\_\_
  
4. For seed proposals only: Month and year of Principal Investigator's initial faculty appointment at UMDNJ or receipt of terminal degree: \_\_\_\_\_
  
5. Research areas (see attached research classification list):  
    Primary \_\_\_\_\_  
    Secondary \_\_\_\_\_
  
6. UMDNJ school(s) and unit(s) covered by this request: \_\_\_\_\_
  
7. Amount requested from Foundation: \$\_\_\_\_\_ for the period \_\_\_\_\_ to \_\_\_\_\_
  
8. Principal Investigator's UMDNJ office address: \_\_\_\_\_
  
9. Principal Investigator's phone number at UMDNJ: \_\_\_\_\_
  
10. If more than one investigator is involved, give name(s), department(s) and academic and/or administrative title(s) and UMDNJ school(s) or unit(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
  
11. CERTIFICATION OF ACCEPTANCE. We, the undersigned, certify that funding has not been secured for this project from other sources, that the statements herein are true and complete to the best of our knowledge, and accept, as to any grant awarded, the obligation to comply with Foundation of UMDNJ terms and conditions in effect at the time of the award. We also certify that, in accord with Items XI and XII of the Policies and Procedures for Annual Grants Program (a copy of which has been provided), any funds subsequently received for budget items included in this grant will be reported to the Foundation and funds unexpended at the end of the grant period will be returned to the Foundation.

\_\_\_\_\_

Date

\_\_\_\_\_

Principal Investigator

FOUNDATION OF UMDNJ ANNUAL GRANTS PROGRAM

PART II: RESEARCH PROPOSALS CHECKLIST

- Full-time faculty appointment of P.I. (Not Coterminous)
  - Time between P.I.'s initial appointment to faculty at UMDNJ or completion of terminal degree and due date for applications to Foundation: \_\_\_ years (if greater than 4 years, not eligible for research grants without consultation with appropriate Associate Dean for Research).
  - Current total annual extramural research support as P.I. from any source: \$\_\_\_\_ (if greater than \$100,000 in direct costs, not eligible for research grants; see exceptions in Section II.C.1.a of policies)
- Exceptions require approval of the Associate Dean for Research.

\_\_\_\_\_  
DATE

\_\_\_\_\_  
PRINCIPAL INVESTIGATOR'S SIGNATURE

# THE FOUNDATION OF UMDNJ RESEARCH PROPOSALS CLASSIFICATION

## **GENERAL MEDICAL AND BIOLOGICAL SCIENCES**

Aging  
Anatomy/Histology  
Biochemistry  
Biophysics  
Cell Biology  
Developmental Biology  
Environmental Sciences  
Ecology  
Genetics  
HIV/AIDS  
Immunology  
Microbiology  
Molecular Biology  
Mutagenesis  
Neurobiology  
Nutrition  
Oral Biology  
Pathology  
Pharmacology  
Physiology  
Toxicology

### **OTHER HEALTH-RELATED FIELDS**

Biomaterials/Bioengineering  
Biostatistics

### **COMMUNITY AND ENVIRONMENTAL HEALTH & HEALTH CARE SYSTEMS**

Accident Prevention  
Disease Prevention and Control  
Environmental Engineering  
Epidemiology  
Food Protection  
Health Administration  
Health Care Delivery/Health Economics/Health Services Research  
Maternal and Child Health  
Mental Health  
Occupational Health  
Other Community Health  
Other Environmental Health Fields  
Public Health/Dental Public Health  
Radiological Health  
Social Work

## **BEHAVIORAL SCIENCES**

Abnormal Psychology  
Addiction/Substance Abuse  
Anthropology  
Bioethics  
Clinical Psychology  
Cognitive Psychology  
Comparative and Animal Psychology  
Demography/Population Dynamics  
Developmental Psychology  
Education, Counseling, and Guidance  
General and Experimental Psychology  
Other Psychological  
Personality  
Physiological  
Psychophysics  
Social-Psychological Aspects  
Social Sciences and Related Disciplines  
Sociology and Social Psychology

### **CLINICAL SCIENCES**

Allergy  
Allied Health Professions  
Anesthesiology  
Cardiology  
Clinical Pharmacology  
Dentistry  
Dermatology  
Endocrinology/Metabolism  
Geriatrics  
Hematology  
Internal Medicine (General)  
Neurology  
Neuropsychiatry  
Nursing  
Obstetrics-Gynecology  
Oncology  
Ophthalmology  
Orthopaedics  
Other Clinical Medicine  
Otorhinolaryngology  
Pediatrics  
Physical Medicine and Rehabilitation  
Preventive Medicine  
Psychiatry  
Radiology  
Surgery

**(PLEASE NOTE! DO NOT USE THE FIVE MAJOR CLASSIFICATION HEADINGS UNDERLINED AND IN BOLD FACE ABOVE AS PRIMARY OR SECONDARY RESEARCH AREAS. USE ONLY THE CATEGORIES LISTED UNDER THESE FIVE HEADINGS.)**

