

**SHRP-UMDNJ FOUNDATION OF THE
UNIVERSITY OF MEDICINE AND DENTISTRY
OF NEW JERSEY**

ANNUAL GRANTS PROGRAM

**APPLICATION FORMS AND INSTRUCTIONS
FOR RESEARCH PROPOSALS**

**SHRP-UMDNJ 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. **Please Note: The Principal Investigator must have a Terminal Degree.**

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 \$20,000 unless explained and justified through consultation with the 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: PRELIMINARY PROPOSALS, ABSTRACTS, NARRATIVE AND C.V.'s

A. Preliminary Proposals

The preliminary proposal should be up to 3 pages single-spaced, 12 font.

The submission should include:

1. Specific aims
2. Background and significance
3. Research design and methods
4. Budget request
5. Projected availability of future non-UMDNJ funds for project continuation

B. Final Proposals

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. Proposals

Describe the proposed research. **This narrative should be single-spaced and limited to 15 (fifteen) sides.** Additional relevant data or information may be included as appendices. Contents and organization of the proposal should include: (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 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.

Part V: THE FOUNDATION OF UMDNJ RESEARCH PROPOSALS CLASSIFICATION

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

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