College of Nursing and Health Professions
2019 RESEARCH AWARD

The College of Nursing and Health Professions (CNHP) research award is intended to provide seed money to facilitate interprofessional, thematic research that will enhance team building and provide preliminary data to successfully compete for extramural funding.

**Eligibility:** All full-time faculty in the CNHP are eligible to apply with the exception of faculty with extramural funding in excess of $25,000 per year.

**Award Period:** 1 year

**Budget:** The maximum budget is $25,000.

**Notification of Intent to Submit:** Applicants must notify Jim Bergey by e-mail at: jwb53@drexel.edu of the intent to submit an application on or before **Friday, February 1.** Indicate the topic of your proposal.

**Application Deadline and Submission:** **Monday, April 1.** Applications are submitted as a single file in a PDF format. The principal investigator’s last name is incorporated into the file name. Ex. S. Smith Pain_vs_mind_over_matter. Submit your application to Jim Bergey jwb53@drexel.edu.

**Review Process:** Applications are reviewed by the Research Committee. Review criteria are listed on page 4.

**Award Notification:** **Wednesday, May 1.**

**Project Start Date:** May 1, 2019 or upon receipt of Institutional Review Board, if relevant.

**Conditions of Award:** Recipients are required to meet quarterly with a grant administrator, present their findings to faculty and staff in the CNHP, produce a product (e.g., peer-reviewed publication), and apply for extramural funding within one year following completion of the study.

GUIDELINES FOR SUBMISSION

**TITLE:** Limit to 81 characters

**PRIMARY INVESTIGATOR AND PROJECT TEAM:** Name, Title, Role and Department

**ABSTRACT**
- 30 lines of text: description of work, aims, long term objectives, biomedical, behavioral, or clinical research significance
Narrative

- Using no more than two or three sentences, describe the relevance of your science to biomedical, behavioral, or clinical research. In this section, be succinct and use plain language that can be understood by a general, lay audience.

Specific Aims (One Page)

- Identify the problem or knowledge need addressed by the proposal.
- Provide rationale on why the problem or knowledge need is important.
- Clearly state the objective or specific aim. State the hypothesis if applicable. The objective or specific aim is a statement of what you hope to learn or discover.

Research Strategy (maximum 6 Pages)

Includes all subheadings through Future Direction

Significance

- Explain the importance of the problem or critical barrier to progress in the field that the proposal addresses.
- Explain how the proposed project will improve scientific knowledge, technical capability, and/or clinical practice.
- Describe how the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field will be changed if the proposed aims are achieved.
- State anticipated outcomes and potential impact.

Innovation

- Explain how the application challenges current research or clinical practice paradigms.
- Describe any novel theoretical concepts, approaches or methodologies, instrumentation or interventions to be developed or used, and any advantage over existing methodologies, instrumentation, or interventions.

Approach

- Design
- Participants. Include the plan for recruitment and efforts to obtain gender, racial, and ethnic diversity.
- Tests / Measures / Instrumentation
- Procedures. Discuss potential problems and alternative strategies to achieve the aims.
- Data Analysis
**Timeline and Investigator Roles:**

- Provide a table of key activities and timeline for completion in 1 year.
- Briefly indicate the roles and responsibilities of each investigator.

**Environment**

- Identify the facilities to be used (Laboratory, Computer, Office, Clinical and Other).
- Describe only those resources that are directly applicable to the proposed work.
- Describe how the scientific environment will contribute to the probability of success of the project. The document *Selected Resources for Grant Proposal Writers* is available on the College Research web-page: [https://drexel.edu/cnhp/research/resources/forms/](https://drexel.edu/cnhp/research/resources/forms/)

**Future Direction**

- Indicate how the findings will contribute to an extramural grant application and where the grant application will be submitted.

**Biosketches**

Biosketches are required for all investigators. Biosketches are not required for key personnel. Please use and follow the NIH Biosketch guidelines, see the example below: [http://grants.nih.gov/grants/funding/phs398/biosketchsample.pdf](http://grants.nih.gov/grants/funding/phs398/biosketchsample.pdf)

**Statements of Support and Commitment**

A statement of support is needed from the Department Chair. A statement of commitment is needed for each investigator or key personnel. The statements may be provided to the PI electronically. The PI should compile statements and submit as part of the application. For consultants, letters should include rate/charge for consulting services.

**BUDGET AND BUDGET JUSTIFICATION**

List all line items for: **personnel** (salary for faculty cannot be requested) and **non-personal** (participant travel, equipment, supplies, other) expenses followed by a short justification.

<table>
<thead>
<tr>
<th>Personal Expenses</th>
<th>Amount requested</th>
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<tbody>
<tr>
<td>List each item</td>
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</tr>
<tr>
<td><strong>Non-Personal Expenses</strong></td>
<td></td>
</tr>
<tr>
<td>List each item</td>
<td></td>
</tr>
<tr>
<td><strong>TOTAL COST</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Formatting Specifications**

- Font: 11-black only
- 1 inch margins
- Avoid jargon.
- Abbreviations. Spell the term the first time and note the abbreviation in parentheses. Limit the number of abbreviations.
REVIEW CRITERIA

Reviewers will consider each of the review criteria below in the determination of scientific merit, and give a separate score for each. An application does not need to be strong in all categories to be judged likely to have scientific impact.

- **Significance:** Does the project address an important problem or a critical barrier to progress in the field? If the aims of the project are achieved, how will scientific knowledge, technical capability, and/or clinical practice be improved? How will successful completion of the aims change the concepts, methods, technologies, treatments, services, or preventative interventions that drive this field?

- **Investigator(s):** Are the PI and research team qualified to successfully achieve the study aims?

- **Innovation:** Does the proposal challenge and seek to shift current research or clinical practice paradigms by utilizing novel theoretical concepts, approaches or methodologies, instrumentation, or interventions? Are the concepts, approaches or methodologies, instrumentation, or interventions novel to one field of research or novel in a broad sense? Is a refinement, improvement, or new application of theoretical concepts, approaches or methodologies, instrumentation, or interventions proposed?

- **Approach:** Are the overall strategy, methodology, and analyses well-reasoned and appropriate to accomplish the specific aims of the project? Are potential problems, alternative strategies, and benchmarks for success presented? If the project is in the early stages of development, will the strategy establish feasibility?

If the project involves clinical research, are the plans for 1) protection of human subjects from research risks, and 2) inclusion of minorities and members of both sexes/genders, as well as the inclusion of children, justified in terms of the scientific goals and research strategy proposed?

- **Environment:** Will the scientific environment in which the work will be done contribute to the probability of success? Are the institutional support, equipment and other physical resources available to the investigators adequate for the project proposed? Will the project benefit from unique features of the scientific environment, subject populations, or collaborative arrangements?