

**APPLICATION FOR 2023-2024 PREDOCTORAL NIEHS FELLOWSHIP  
INTERDISCIPLINARY TRAINING PROGRAM IN TOXICOLOGY  
AND ENVIRONMENTAL HEALTH**

**GUIDELINES FOR SELECTION OF TRAINEES**

The purpose of this fellowship opportunity is to provide stipends for outstanding students with keen intellectual interests in Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, and Nanotoxicology. Students enrolled, or accepted, into a Ph.D. program and sponsored by FACULTY PRECEPTORS with the Training Grant in Toxicology and Environmental Health are eligible to apply. Students must also be a citizen or permanent resident of the United States. Fellowships will consist of stipends in the approximate amount of \$26,352 for a 12-month appointment period and a travel allowance of \$600, beginning August 16, 2022. A second year of funding will be awarded contingent on adequate progress in the graduate program and available funding.

The applications will be due by 5:00 p.m. on Monday, April 3<sup>rd</sup>, 2023. Applicants should have **career and research interests that involve** Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology. Each application must include all items listed under number 3 below. **Incomplete application packages cannot be considered.**

Please read the directions carefully and submit your materials in their entirety by 5 pm on April 3<sup>rd</sup>, 2023.

1. Applications must be complete and must be received by the Program Coordinator, Synthia Lane, via an email sent to [sjlane@illinois.edu](mailto:sjlane@illinois.edu), by 5:00 pm on Monday, April 3<sup>rd</sup>, 2023.

2. Applications must be accompanied by a letter from a UIUC Faculty member who is a current preceptor on the Training Grant in Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology. This letter should state that the faculty member sponsors the applicant for the fellowship and permits the applicant to perform the proposed research under their direction.

3. **Each application must include the following:**

a) A career goal statement that clearly identifies the linkage to Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology. Limit this to no more than ½ page, single-spaced typed.

b) A research plan that clearly identifies the linkage to Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology. Limit this to no more than two single-spaced typed pages. The research plan must include the following three sections: (1) the rationale for the research; (2) the hypothesis to be tested; and (3) a summary of the methods to be used. **The student's proposed research advisor must sign off on the research proposal as evidence that he or she has read and approved the proposal.**

c) University transcripts, which include courses and grades for the last four years of study. Note: a list of courses and grades **cannot** be substituted for actual transcripts.

d) Three letters of recommendation: your primary advisor and two other professional references. Each letter should comment on the student's intellectual ability, capacity for original thought, aptitude for research, dependability, integrity, and demonstrated interest in Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology. (Note: if the faculty member writes letters for more than one student, he/she must rank the students.)

e) A completed Application Form (attached).

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**Please note the Training Program Requirements:**

- Predoctoral and Postdoctoral Fellowships are available only to citizens of the United States or permanent residents.
- In addition to their departmental requirements, all trainees will take Basic Toxicology (ENVS 480), Systems Toxicology (CB594), and Ethics in Toxicology (CB552).
- All predoc and postdoc appointees will be required to submit a fellowship or grant proposal during the first year of their appointment as a trainee.
- All trainees must register for and attend a weekly toxicology seminar series (CB596) and events, participate in Toxicology Open House and events, participate in the toxicology journal club, and receive training on ethics in toxicology.
- Trainees will be required to present and discuss their research in the program and are strongly encouraged to present their research at national meetings.
- Preference will be given to predoctoral trainees who are interested in pursuing an independent research career. Selection will be based on academic success, the relevance of proposed research to program goals, and commitment to toxicology.
- All applications are welcome, and underrepresented minorities are especially encouraged to apply.

A review committee of Faculty from the Training Grant in Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, and Nanotoxicology will screen the applications. Program review will be conducted annually by the Steering Committee. Subsequent funding years beyond the first year are determined by a committee review of the student's progress and are subject to funding availability.

**Applicants will be evaluated on several points:**

- 1) Strength of scholastic record.
- 2) Career goal statement and its linkage to Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology.
- 3) Research plan and its linkage to Reproductive Toxicology, Endocrine Toxicology, Neurotoxicology, Nutritional Toxicology, or Nanotoxicology.
- 4) Recommendation by a Faculty Preceptor and two other reference letters.
- 5) Availability of research funding.

**Completed applications should be emailed to:**

Synthia Lane, Program Coordinator  
Beckman Institute  
University of Illinois at Urbana-Champaign  
[sjlane@illinois.edu](mailto:sjlane@illinois.edu)  
217-300-6465

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*(To be completed by the applicant in consultation with the Sponsoring Faculty Member)*

*(Please type or print in black ink.)*

1. Complete Legal Name:

2. University Identification Number (UIN):

3. For which academic year are you applying?

4. Campus Address and e-mail Address:

5. Telephone Numbers:

Land line:

Office/work number:

Cell phone:

6. Department in which you will receive your degree:

7. Your Sponsoring Faculty Member (Training Grant Preceptor):

8. List Scholarships, Prizes, Honors, or other recognition:

9. List the names, titles, institutions, and addresses of two persons who will submit letters of Reference on your behalf (not including your faculty sponsor).

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**Past Education:**

<b>School/University</b>	<b>Degrees (Date of Deposit where applicable)</b>	<b>(Major/s &amp; Minors)</b>	<b>Dates (to/from)</b>	<b>GPA</b>