



**NEUROENDOCRINE TUMOR (NET)
SPECIALIZED PROGRAM OF RESEARCH EXCELLENCE (SPORE)
*2019 CAREER ENHANCEMENT FUNDING
OPPORTUNITY*
University of Iowa**

Letter of Concept Deadline: Friday, May 31, 2019
Invited Full Proposal Deadline: Thursday, August 1, 2019
Anticipated Project Start Date: September 1, 2019

From: Sue O'Dorisio MD, PhD, NET SPORE Principal Investigator
James Howe, MD, Director, NET SPORE Career Enhancement Program

Overview

The University of Iowa Neuroendocrine Tumor Specialized Program of Research Excellence (NET SPORE) is a center grant funded through the National Cancer Institute. The mission of the NET SPORE Career Enhancement Program is toward basic scientists or clinicians interested in translational research acquiring additional skills to become translational researchers in neuroendocrine tumors. The project duration is one year, September 1, 2019-August 31, 2020.

Eligibility

This program focuses on two types of candidates:

1. Laboratory investigators at the senior post-doctoral or junior faculty level (Assistant Professor or Research Scientist) who demonstrate outstanding research potential and are interested in a career in translational neuroendocrine tumor research, but are not yet independently funded to perform this research. Experienced, successful investigators interested in shifting toward translational neuroendocrine tumor research are also eligible.
2. Clinicians who demonstrate interest and ability in translational research, are committed to careers in translational research, and wish to devote a major portion of their early faculty career to additional research training are encouraged to apply.

Amount of Award

One or two recipients will receive a **maximum award of up to \$100,000 per year** in direct costs provided through the Iowa NET SPORE grant and (for University of Iowa applicants) matching institutional funds for University of Iowa applicants. Applicants outside of the University of Iowa note that the \$100,000 includes your institution's F&A. NIH funds must be spent by August 31, 2020. **NOTE: Award is contingent on NIH funding.**

Additional Information

For additional information, please visit [Cancer Research Funding Opportunities](#) or contact Karla Stout, 319-353-8634 or karla-stout@uiowa.edu, or the Project Director: Dr. James Howe (james-howe@uiowa.edu), or Dr. Sue O'Dorisio (sue-odorisio@uiowa.edu).

University of Iowa Neuroendocrine Tumor (NET) SPORE

CAREER ENHANCEMENT APPLICATION

Instructions

Submit all Materials electronically to:

Karla Stout, Research Support Specialist karla-stout@uiowa.edu.

Members of the Neuroendocrine Tumor (NET) SPORE: Sue O'Dorisio MD, PhD, Principal Investigator and James Howe, MD, Director, NET SPORE Career Enhancement Program are available to provide advice to applicants developing proposals. **Applicants are encouraged to talk to these senior investigators prior to submission of the Letter-of-Concept (LOC).**

Step 1 – Letter-of-Concept (LOC): Deadline 5:00 P.M May 31, 2019

Submit electronically a 1-2 page LOC describing the proposed research. The LOC must include a clearly stated Hypothesis, clear idea of how the project will translate in the given time frame into a submitted NIH proposal, and any evidence supporting feasibility (from research or literature). Include specific aims, a statement outlining the potential of the research to improve the detection, diagnosis or treatment of neuroendocrine tumors, evidence of the high impact the research will have in the field, a few key references, the expertise of investigators, and a support letter from a mentor. Letters-of-concept will be reviewed by the Career Enhancement Research Committee of the UI Neuroendocrine Tumor SPORE with selected investigators invited to submit full proposals.

The LOC should include the above information in the following materials:

- Overview of the proposed project
- Biosketch of PI and expertise of other investigators
- Relevance of the project to Neuroendocrine Tumor research
- Statement of how the proposed project will lead to a full research project with funding potential
- Letter of support from mentor

Step 2 – Invited Full Application: Deadline 5:00 P.M. August 1, 2019

ELECTRONICALLY SUBMIT ALL SECTIONS IN ONE PDF (NO HARD COPY)

A full application will be requested from individuals with meritorious letters of concept that meet the P50 Neuroendocrine Tumor program goals. The narrative of the research plan is limited to eight pages and should follow the NIH guidelines found in [PHS 398](#) for R01 submissions. The application should consist of the cover sheet (Page AA, PHS 398) and consecutively numbered continuous pages.

The application should include the following:

1. *Cover page* (Use [PHS 398](#) FACE page) – These applications **do not** route through the Division of Sponsored Programs Office at the University of Iowa. Outside applicants, please follow your own institution's guidelines.
 - a. Name of Applicant, Degree(s), Current Academic Position, Department, Address, Telephone Number and email Address
 - b. Name of Mentor, Title and Department
2. *Abstract*
3. *Budget Page with justification.* Budget must be submitted on [NIH Budget Format Page](#) outlining expenditures for the project (supplies, technical assistance, and other expenses). **Please note:** funds may not be used for travel, equipment or mentor salaries. All budgetary requests must be justified.

4. *Applicant's [NIH biosketch](#)* (NIH format) and copies of up to two of the applicant's most current publications.
5. *Letter of support* from the applicant's mentor evaluating the applicant's qualifications for the proposed research project, and indicating the applicant's potential in neuroendocrine tumor research.
6. *Mentor's [NIH biosketch](#)* and list of prior trainees.
7. *A one to two page research description* which should include:
 - a. Statement indicating applicant's commitment to 100% research effort for the duration of the research award.
 - b. Summary of planned training activities (e.g., proposal for a specific research project including "title of proposed project," coursework, new laboratory techniques to be learned, etc.)
 - c. Timeline for completion of training activities.
 - d. Statement of the trainee's career goals.
 - e. Literature citations.
8. *Attachment I.* (Approvals indicated on Attachment I will be required only for selected LOC's).

ADDITIONAL INFORMATION

HUMAN SUBJECTS AND ANIMAL STUDIES

Applications must meet all NIH requirements for human and/or animal studies. Documentation of protocol approval by the appropriate institutional committee will be required. Copies of all assurances and certifications must be provided to Iowa Administration before funds can be allocated.

CORE RESOURCES ACCESS

Access to NET SPORE Core resources at the University of Iowa (Administrative, Biospecimens, Clinical Trials, and Biostatistics and Bioinformatics) may also be available if justified in the application.

REQUIREMENT OF AWARD

Career Enhancement award recipients will be asked to present their research project at the monthly NET SPORE conference held in the Holden Cancer Center (or via videoconference for outside PIs) and will be required to submit an annual progress report and brief updates as needed. Reports should include project accomplishments, publications and presentations, current budgetary expenditures, research impediments and future plans. Additionally, final reports are due within 60 days of completion of the award.

EVALUATION AND SELECTION

The Career Enhancement Committee, composed of investigators from the University of Iowa and NET SPORE External Advisors panel, will review career enhancement applications. Applications will be rated on scientific merit, originality, and relevance to the objectives of the NET SPORE program. Proposals will be given priority scores for each category and ranked with other submissions. A letter notifying the applicants of the funding decision will be sent subsequent to the deliberations. It is expected that the NET SPORE will fund one or two career enhancement research projects.

TERM OF AWARDS

The term of the award is for one year with the potential of renewal for an additional year. A second year of support is available, depending on availability of funds, based on competitive review for prior applicants who still qualify and have made significant progress toward the research goals during their initial year of funding. The funds are intended to provide initial support for the development of innovative new hypotheses with the long-term goal of securing support from other funding agencies.

FINANCIAL RECORDS

A separate account must be maintained for each funded grant, and this account must be available for audit by program officials at the University of Iowa and the National Cancer Institute. Reports of expenditures and the return of any unexpended balance must be submitted to the NET SPORE at the end of each year. NIH Funds must be spent by 8/31/19. No extensions will be given.

PATENTS

No patent application for work done under a grant from the Specialized Program of Research Excellence at University of Iowa shall be filed by the grantee institution or by the investigator, without prior written approval of the National Cancer Institute and the applicant's institution.

PUBLICATIONS

Publications (including abstracts or presentations at scientific meetings) resulting from projects supported by the NET SPORE must carry the acknowledgement: "Supported in part by Public Health Service grant number P50 CA174521 from the University of Iowa Neuroendocrine Tumor Specialized Program of Research Excellence and the National Cancer Institute." Two reprints of all publications must be submitted to the NET SPORE with the progress report. Since the NET SPORE is an NIH grant, all peer-reviewed manuscripts resulting from this support must comply with the NIH Public Access Policy and be submitted to PubMed Central for a PMCID once accepted for publication in a journal.

SPECIAL CONDITIONS

Should the investigator discontinue the project, or leave the designated institution, the NET SPORE must be notified two months in advance of these changes. Failure to comply with this policy may jeopardize any future awards to the institution(s). Unexpended funds from the award must be returned to the NET SPORE within sixty days.

The University of Iowa is an equal opportunity affirmative action employer. Women and minorities are strongly encouraged to apply.

Please note: Actual funding of awarded grants may be delayed if National Cancer Institute funding for the NET SPORE grant is delayed.

ATTACHMENT I

Approval Form Checklist
NET SPORE Career Enhancement Program Applicants

(return with application submitted)

Date: _____ Principal Investigator: _____ Mentor: _____

Department/Institution: _____

Title of Proposal: _____

If the answer to any of these questions is affirmative, the proposal must be reviewed by your University's relevant review board and approval(s) must be submitted to karla-stout@uiowa.edu prior to the release of funding.	YES	NO
1. The experiments described in this proposal involve the use of human research subjects. <i>If yes, approval is required by your institution's Institutional Review Board.</i>		
2. The experiments described in this proposal involve the use of laboratory animals. <i>If yes, approval is required by your institution's Office of Animal Resources (or equivalent)</i>		
3. The experiments described in this proposal involve the use of radioactive isotopes. <i>If yes, approval is required by your institution's Medical Radiation Protection Committee (or equivalent)</i>		
4. The experiments described in this proposal involve DNA recombinant molecules. <i>If yes, submission of an rDNA Registration Document to your Institutional Biosafety Committee (or equivalent) is required. Researchers are responsible for reviewing the NIH guidelines for research available at the Office of Biotechnology Activities website.</i>		

Signed: _____
 Principal Investigator