

Complex System Approaches to Population Health and Health Inequalities

Call for Small Grant Proposals

**University of Michigan
Center for Social Epidemiology and Population Health**

Small Grant Program -- Applications due November 6, 2009

(Anticipated award – DECEMBER 1, 2009)

Center for Social Epidemiology and Population Health at the University of Michigan (www.sph.umich.edu/cseph) is pleased to announce the availability of small grant support for research that builds bridges between biological, social, environmental and other determinants of health and health inequalities while making use of complex systems computational techniques as represented by (but not limited to) agent based modeling, systems dynamics, and dynamic networks approaches.

Successful applications will reflect an emphasis on the multi-level, dynamic and systems aspects of particular health problems and/or their determinants, and reflect a focus on determinants or pathways that involve biological, behavioral, social, socioeconomic, spatial, psychological or policy processes. Proposals should involve at least two of these pathways or determinants and reflect modeling of dynamic processes. A mini-conference will be held in June of 2010, where small grant recipients are expected to report their findings.

Awards of up to \$25,000 will be made available based on a competitive process. No funds will be provided for indirect costs. Sharing of costs is encouraged! Salary support will not be provided for Principal Investigators who are tenured faculty, and the use of these funds for travel is discouraged. All work must be completed by August 15, 2010, and there will be no extensions beyond that date. We anticipate up to 8 awards, depending on merit of applications, scope, and cost of proposed research.

University of Michigan faculty, post-doctoral fellows, and doctoral students are eligible for these awards. Applicants who are not faculty will need to designate a faculty mentor.

Applications for funding will be evaluated based on the following criteria:

- Importance of research question
- Clear evidence of interdisciplinarity
- Consideration of at least two determinants or pathways (biological, behavioral, social, socioeconomic, spatial or psychological)
- Application of dynamic computational approach
- Quality and feasibility of research proposal/design
- Evidence of investigator(s) ability to carry out proposed work successfully
- Potential for proposed research to lead to further funding
- Ability to leverage existing resources, including available data or ongoing projects, cost-sharing of faculty salaries and other expenses

Application Process:

- Submit a cover sheet, application, NIH budget forms and NIH biosketch(es) to Barbara Tietjen (barbt@umich.edu). Submission as a single PDF document (including biosketches and budget) is required, as well as an electronic budget page.
- Deadline for submission is November 6th at 5:00 PM
- The application should be limited to five pages, not including budgets or NIH Biosketches and should include:
 - Short Specific Aims and Background and Significance statement
 - Sufficient information on methods and computational techniques to allow an evaluation
 - Specific attention to the criteria listed above
 - NIH Detailed Budget form and budget justification
 - Any other information that will be useful in the review process
 - No funds will be awarded without appropriate level of IRB approval
 - Unfortunately, the review process does not allow us to give feedback on proposals that are not funded

Further Information: Barbara Tietjen (barbt; 763-9784) or
Professor George A, Kaplan (gkaplan)

**Complex System Approaches
To Population Health and Health Inequalities
SMALL GRANT PROGRAM**

Submit to: Barbara Tietjen
Center for Social Epidemiology and Population Health
1415 Washington Heights, 3643 SPH Tower 2029

For Information:
Call: 763-9784
<http://www.cseph.org>

Please submit your proposal (in PDF) including:

- This application form
- A proposal narrative
- A detailed budget page
- A budget justification
- A NIH biosketch for all key personnel
- Any additional materials as identified in the program description

CATEGORY: _____ **Is this proposal a resubmission?** Yes No

PRINCIPAL INVESTIGATOR: _____

ACADEMIC RANK: _____ **E-MAIL:** _____

DEPARTMENT/UNIT: _____

CAMPUS ADDRESS: _____

CAMPUS PHONE: _____ **DEPT ID REQUIRED (6 digits):** _____

DEPT ADMIN NAME: _____ **DEPT ADMIN EMAIL:** _____

COLLABORATORS: _____ / _____
(List additional names within proposal narrative) _____ / _____
Name Department

PROJECT TITLE:

AMOUNT REQUESTED: _____ **TODAY'S DATE:** _____

PROJECT PERIOD: _____ From _____ To _____

DOES THE PROPOSED ACTIVITY INVOLVE HUMAN SUBJECTS:
Use of Human Subjects Yes No If yes, approval # _____ approval date: _____

BUDGET SUMMARY
Please attach a NIH detailed budget page.

BUDGET JUSTIFICATION:
A budget justification should be attached to this form which fully explains the relationship of costs to the proposed activity and the basis for cost estimates. In addition, please indicate:
If salary support is requested, provide detail (for whom, nature and percent of appointment, period of time, amount).

PROPOSAL NARRATIVE: (Not to exceed two pages unless otherwise indicated, single spaced, not including citations)
A narrative should be attached to this form which provides a concise description of the research, scholarship or creative activity, including:
a. Statement of nature, objectives, and expected outcome of proposed research/creative activity;
b. Description of the significance of proposed research/creative activity: in the discipline or field, for the applicant's scholarship, and for the University;
c. Plans for accomplishing objectives; and
d. Other items as indicated in program description.
