

YALE PEPPEROLDER AMERICANS INDEPENDENCE CENTER (OAIC)
GENERAL INSTRUCTIONS FOR DEVELOPMENT PROJECT
FULL PROPOSAL

Yale Pepper Center Theme: Multifactorial Geriatric Health Conditions

The broad unifying theme of the Yale Pepper Center is the investigation of multifactorial geriatric health conditions. This theme encompasses (1) single health conditions with multiple contributing factors or with multiple relevant outcome domains and (2) multiple conditions occurring simultaneously.

Funding for a Development Project must be related to the Pepper Center theme with the goal of developing new methods/strategies; enhancing our understanding of existing methods; and/or developing novel applications of existing methods in the areas of Field Operations, Data Management and Informatics, and Biostatistics, as they relate to aging research.

Biostatistics Core Development Project (1 award per year, max \$35,000 directs)

Biostatistics Core Development Projects are intended to develop and disseminate new design and analytical techniques for conducting studies with older persons. The primary criterion for a development project is the significance of its scientific contribution to the mission of the OAIC. Development projects for the Biostatistics Core are judged on their potential for: 1) developing innovative methods that challenge existing paradigms; 2) overcoming limitations in current methodologies for aging research by developing novel design and analytical methods emergent from collaborations in basic, translation and clinical medicine; and/or 3) developing innovative technologies for implementing analytical tools. The development project should contribute new knowledge to Gerontologic Biostatistics.

Operations Core Development Project (1 award per year, max \$35,000 directs)

Operations Core Development Projects are intended to develop and disseminate new techniques for recruitment, retention, and diversity, data collection, or data management and informatics innovations for conducting studies with older persons. The primary criterion for a development project is the significance of its methodologic contribution to the mission of the OAIC. Development projects for the Operations Core are judged on their potential for: 1) developing innovative methods in screening, recruitment, data collection and analysis that challenge existing practices; 2) overcoming limitations in current methodologies for aging research by developing novel field or data management and informatics methods; and/or 3) developing innovative technologies for implementing analytical tools or fieldwork.

Criteria for Review:

- 1. Scoring Criteria:** Applicants will be evaluated for the potential impact on improving research methods for aging populations, innovation, and quality of the approach as outlined above for the respective core. We strongly encourage you to consider having a mentor or team-based approach to reflect full range of content and methodological expertise required by your project. Collaboration with groups doing similar work is encouraged such as: Yale Center for Analytic Sciences (YCAS), REDCap at Yale, and Biomedical Informatics Department (BIDS), and Yale Center for Clinical Investigation (YCCI).
- 2. Format:** Only proposals prepared in standard 11 point or larger fonts (with no more than 6 lines per inch of text; Arial font is preferred) will be accepted. Leave at least a ½ inch margin on all sides. 2-3 pages.

3. Components of the application:

Title of proposal

Applicant(s):

Background/Rationale: Provide a brief 1-2 paragraph rationale that describes the problem you plan to address and how it relates to the Pepper Center theme and mission of the respective core.

Primary Aim(s): Describe the primary aim of your work. Because this is a methodological project, the primary aim should include a deliverable which could include a new technique, methodology, software application, database, etc.

Strategy/Methods: Describe the overall strategy, methodology, and plans for analysis/evaluation. Depending on the methodology, this may include user validation, acceptance testing, etc.

Justification and Benefit to OAIC

Timeline: Include the planned start date, activity, and schedule in a Schedule of Events table with a performance period outlined in months (Month 1-12). Provide a list of deliverables for key milestones.

Budget and Justification: Funds may be requested for a maximum of \$35,000 in direct costs for 1 year. The budget justification should include careful and convincing justification for all items. Travel to scientific meetings or administrative support are not allowed as budgetary items. Explain if project will be supplemented with other funding sources.

Biosketch and Other Support: Include your NIH biosketch (new format, 5-page limit).

Collaborators: Include NIH Biosketch or CV of mentor and/or collaborators for the proposed work if applicable.

HIC or Animal Research: Provide HIC/IACUC number and approval date; if appropriate, describe sample demographics from analysis.

Applications are accepted and awarded on a rolling basis. The application window opens in September and ends in January if no eligible applications are identified. You may contact poa@yale.edu to determine if the award is still available for the current year.

4. **Submit by email as a single pdf document to:** Program on Aging at poa@yale.edu
5. **Review Process:** Applications will receive an initial internal review by the Pepper OAIC Core Directors. Those that fit with the theme and have the potential to benefit OAIC-focused research will be sent out for external review. Determinations are made within 3 months.