

Center of Biomedical Research Excellence Pilot Projects
Discovery of Chemical Probes and Therapeutic Leads, P20GM104316
PI Joseph M. Fox

Pilot projected funding is available through the Center of Biomedical Research Excellence (COBRE) program. Research in this COBRE is centered on the use of chemical biology, biology, synthesis and computation. Goals are to develop small molecule approaches for probing biology, to discover and apply new chemical biology tools for the study of biological pathways associated with disease, and to develop computational approaches for understanding small molecule interactions with complex macromolecular targets. Details on the center can be found here:

<http://sites.udel.edu/cobrediscovery/>

To expand the scope and enhance the scientific goals of this center, \$50,000 pilot grants will be awarded.

- Eligible are UD tenure-track assistant faculty with NIH 'New Investigator' status. Current faculty as well as faculty who will begin their appointments at UD in January 2021 are eligible to apply. For faculty beginning in 2021, funding will not be awarded until their UD faculty appointment begins.
- Ineligible are faculty with active pilot project funding through another COBRE, INBRE or CTR.
- Ineligible are faculty who have obtained significant support in the form of a Research Project Grant or Program Project Grant (e.g., NIH R01 or P01). However, such grants that name an individual as a co-investigator, collaborator, consultant, or to a position other than PD/PI or PD/PI on research grants that allow multiple PD(s)/PIs are not disqualifying.
- Eligible are faculty who have obtained Exploratory/pilot project grants (such as NIH R03 and R21 awards) or career development awards (such as NIH K01, K08, NSF CAREER awards), or other Federal or non-Federal not characterized as research grants.
- Faculty who are PI on a research project grant (RPG) through a non-NIH mechanism, such as a standard NSF grant, may be eligible to apply but are encouraged to confirm eligibility by contacting PI Fox (jmfox@udel.edu) with their funding information *prior* to preparing a pilot application.

In addition to scientific merit, proposals will be judged based on their fit to the scientific theme of the grant and the potential of investigators to use the pilot funding to obtain major, independent funding.

Timeline Proposals should be submitted electronically Dawn Yasik (dyasik@udel.edu) as a *single PDF document* by noon on Friday, October 2, 2020.

Budget Budgetary materials are *NOT* required at the time of submission. Awards are expected to be \$50,000 per year (direct costs) plus 60% F&A (indirect costs). A typical pilot grant will support postdocs or graduate students, as well as appropriate amounts for supplies, travel, etc. PI salary is discouraged; however 1% effort is required per UD policy. The budget period will be 9 months.

Format Each proposal should include the following sections:

- Specific Aims (1 page)
- Research Plan (4 pages maximum, excluding references).
- References (no page limit)
- PI (and key investigators) Biographical Sketch(es) (NIH format)
- Other support document listing active grants and pending grant applications