

Princeton E-affiliates Partnership 2018 Request for Proposals

Princeton E-affiliates Partnership (E-affiliates) requests cross-disciplinary proposals in the areas of energy and the environment with a focus on technological innovation. An individual or team led by a Princeton researcher as the Principal Investigator (PI) is invited to submit a proposal with a budget up to \$150,000 for a year-long project, with a target start date of January 1, 2019. Up to two projects will be supported during this cycle. Funding for this annual RFP is made possible through member company contributions to E-affiliates.

Proposals should be responsive to the following topics within energy and environment:

- Energy efficiency (e.g., scaling impactful solutions, employing the internet of things)
- Utility of the future (e.g., microgrids, behind the meter, integration with existing infrastructure)
- Carbon capture and storage (e.g., technologies or policies to enable economically viable CCS)
- Sustainable manufacturing and chemical synthesis
- Future of nuclear power (e.g., scaling small reactors, competitiveness)
- Biofuels

Review criteria include: relevance to topic areas listed above, intellectual merit, and potential impact in energy/environment. Review of the proposals will be conducted by a cross-disciplinary representation of the Princeton faculty whose recommendations will be passed on to the E-affiliates Advisory Committee for approval. Applicants will be notified of funding decisions by early December.

To be considered for this request for proposals, submit the following items electronically to PrincetonE-affiliates@princeton.edu by Monday, September 10, 2018:

- a completed proposal cover page (form attached) providing names and affiliations of all team members, project title, and abstract;
- a narrative of no more than three pages (single-spaced, 12-point font, including tables and figures, but not including references) that describes the project and addresses the intellectual merit. The narrative also requires an “Impact” section describing the potential impact of the proposed innovation if brought successfully to scale. What is the anticipated outcome and how would it change the energy/environment landscape? In addition, the life cycle of the technology should be addressed. The impact statement must be written for the general public;
- brief biographies of all team members;

- a separate budget page with justification:
 - allowable expenses include, but are not limited to, student stipends and postdoctoral salaries, program-related travel, funds to implement events (e.g., roundtables to bring together experts for policy analyses), publication costs, laboratory equipment, faculty summer salary, and materials and supplies associated with the project;
- a list of current and pending support of all team members, along with a brief statement on any overlap of this project with existing funded research directions.

Recipients of this E-ffiliates funding will be required to:

- submit a two-page mid-term progress report to E-ffiliates six months after the commencement of the project;
- submit a two-page final report within 30 days of the funding period end date;
- account for the use of funds received by providing the names of personnel supported, equipment purchased, etc.;
- provide acknowledgement in any publications or patents derived in part or whole from the funding;
- present highlights of the project at the 2019 annual meeting or similar Andlinger Center event.

Incomplete applications will be returned without consideration.

Faculty members who have received support in the past from E-ffiliates are not excluded, as long as no progress/final reports are outstanding. However, preference will be given to new applicants over past awardees.



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Please complete and submit (1) this cover page, along with (2) the proposal narrative, (3) brief biographies of all team members, (4) a detailed budget justification, and (5) a list of current and pending research support of all team members. Please submit these items as a single PDF document electronically to PrincetonE-affiliates@princeton.edu by September 10, 2018.

Name of Lead PI:	Department:
Email Address:	Date:
Signature:	

****This table may be reproduced to accommodate all team members on the proposal****

Name of Team Member:	Name of Team Member:
Title/Affiliation:	Title/Affiliation:
Email Address:	Email Address:

Project Title:	
Project Abstract (approximately 200 words):	
Total Budget Requested (up to \$150,000):	Proposed Start and End Dates: