



2017 SyracuseCoE Faculty Fellows Program Request for Proposals

Overview: SyracuseCoE invites applications for its 2017 Faculty Fellows Program to strengthen faculty scholarship in SyracuseCoE research areas, support SyracuseCoE engagements with industry partners, and provide research leadership to SyracuseCoE core technical areas. Individuals who hold faculty appointments at Syracuse University, and SyracuseCoE partner institutions SUNY Upstate Medical University (UMU) and SUNY College of Environmental Science and Forestry (SUNY-ESF) are eligible to apply.

As part of the 2017 Faculty Fellows Program, SyracuseCoE is issuing this Request for Proposals (RFP) to support research in our core focus areas: clean and renewable energy, indoor environmental quality, and water resources.

Proposals are intended to support new research efforts and directions that advance SyracuseCoE's research goals, rather than incremental steps forward on existing research programs. All proposals must address how the use of the Faculty Fellow funds will lead to a significant "next step" in the research, lead to or leverage follow-on funding opportunities, and contribute to establishing the Syracuse University and SyracuseCoE partner institutions as thought leaders in the targeted area.

Eligibility: The 2017 Faculty Fellows Program RFP is open to faculty at SyracuseCoE Academic Partners: Syracuse University, SUNY-ESF, and UMU. Individuals who hold appointments as tenured, tenure-track, temporary-term, and research faculty are eligible to apply. SyracuseCoE strongly encourages proposals to include the participation of multiple faculty members, including teams from multiple departments, colleges, and/or institutions. Teams are encouraged, but not required, to include non-university participants, especially collaborators from SyracuseCoE [Partner companies](#). However, funds may be disbursed only to academic institutions. Faculty may serve as the primary PI for only one proposal; however, any individual may serve as a Co-Investigator on multiple proposals.

Budget: Up to \$10,000 for a single investigator; up to \$25,000 for a multi-investigator team. SyracuseCoE intends to award up to \$100,000 in this round. All funds must be expended by June 30, 2017.

Funds may be used for:

- Expenses associated with R&D projects or market and policy analysis, including (but not limited to) student employment, research equipment, and supplies;
- Seminars or events conducted at SyracuseCoE to further research and collaboration between the fellow and academic and/or industry researchers;
- Travel for scholarly purposes and/or SyracuseCoE business (travel outside New York State must be pre-approved by the prime sponsor);
- Hosting a visiting faculty member for collaboration with the Fellow and SyracuseCoE.

Funding restrictions include:

- Funds cannot be provided to any for-profit project partners, aside from providing for general allowable operating needs such as equipment and supply purchases, travel, etc.



- Funds cannot be used for rent or capital construction; rehabilitation, renovation, or upgrading of existing space or infrastructure; or for telecommunications or utility costs.
- Funds may not be used for faculty salary.

Cost share: While matching funds are not required, project collaborators are encouraged to provide matching funds or tangible in-kind contributions.

SyracuseCoE Facilities: Use of [SyracuseCoE shared facilities](#) is encouraged. These facilities include the Willis H. Carrier Total Indoor Environmental Quality Lab (TIEQ), the SyracuseCoE Green Roof and accompanying Green Infrastructure, the Urban Ecosystem Observatory Tower, and the Intermodal Transportation Center currently under construction. Time and materials costs to use these facilities must be included in your budget. Please contact Chetna Chianese (cchianes@sy.edu) with questions about using these facilities.

Application Process: Applications must be completed and submitted electronically at <http://syracusecoe.syr.edu/2017-faculty-fellows-rfp/>. Applications are due by **11:59 pm on Sunday, October 2, 2016**. It is anticipated that announcement of awards will be made in late October 2016.



Proposal Format:

I. Cover page including

- a. Project title
- b. Focus area under which you are applying
- c. Principal Investigator (PI) and institution name
- d. PI Contact Information
- e. Project team member(s) and institution name(s)
- f. Period of Performance

II. Proposal Narrative – 5-page limit with the following sections:

- a. Abstract (1/2 page maximum)
- b. Goal and specific aims
- c. Background and significance
- d. Preliminary studies (if any)
- e. Multidisciplinary/collaborative approach (if applicable)
- f. Research plan/Project design
- g. Proposed milestones
- h. Impact of SyracuseCoE funding on the proposed effort, including impact on economic development, local entities, and New York State businesses.
- i. Advancement of the research objectives of the SyracuseCoE and contribution to the applicable topic area of interest

III. References/Citations – 1-page limit

IV. Curriculum vitae – 2-page maximum for each senior investigator

IV. Budget and Budget Justification

- a. Amount available for individual awards will depend on how many proposals are funded. As such, proposals with lower levels of funding are encouraged. Proposals may be awarded contingent on budget modifications, as needed.
- b. See budget template

V. Required Appendix – no page limit

- a. Follow-On Funding Plan: Describe how this award will position the research for future funding opportunities. Provide details of target opportunities (federal, state, foundation, industry) that will be pursued using the results of this proposed work.
- b. Past Performance on SyracuseCoE Funding: If any senior project personnel have had previous funding from SyracuseCoE for a research project in the past 3 years (including 2016 Faculty Fellows Program), please provide a summary of the accomplishments of that project. Include any papers, proposals, patents, and additional research products that resulted from the prior award(s).

**Selection Criteria:**

- Quality of the proposed research;
- Responsive to SyracuseCoE focus areas;
- Potential impact of the proposed work on establishing your university and SyracuseCoE as leaders in the applicable topic area;
- Potential for future opportunities, including future funding from federal agencies or commercial sources, and opportunities for IP and commercialization support;
- Evidence of multidisciplinary research or potential, value added by the collaboration, etc. (if applying as a multi-investigator team);
- Demonstrated expertise and productivity of the investigator(s); and
- Potential of the project to leverage limited funding to maximum impact.

Reporting Requirements:

Faculty must fulfill the following reporting requirements:

- One-page interim reports due on January 15, 2017 (template to be provided by SyracuseCoE).
- A final report of no more than five pages due on June 30, 2017.
- A final project output form due on June 30, 2017 (template to be provided by SyracuseCoE).
- Three to five PowerPoint slides summarizing the goals and outcome of the work due on June 30, 2017.

Responsibilities of Faculty Fellows:

Upon selection to receive funding, SyracuseCoE will ask faculty members to agree to the following conditions:

- Include the designation "SyracuseCoE Faculty Fellow" on their CV, web site, email signature, papers, etc., as appropriate.
- Acknowledge SyracuseCoE funding in any publications resulting from the work.
- Engage with faculty across the University as well as researchers from the affiliated industrial Partners on topics advanced by SyracuseCoE.
- Agree to be profiled on the SyracuseCoE web site.
- Assist with expanding the reach of SyracuseCoE by introducing SyracuseCoE researchers and staff members to academic colleagues working in related areas.
- Connect work supported by the Fellow award to commercialization of one or more technologies or services.
- Permit SyracuseCoE to count the Faculty Fellow's sponsored funding proposals and awards related to the Faculty Fellow award as contributing to the aggregate pipeline of SyracuseCoE scholarship.

Faculty Fellows have the ability to engage SyracuseCoE staff to access shared resources including:

- Assistance from SyracuseCoE staff on proposal development (as time is available);
- Ability to use SyracuseCoE facilities and meeting rooms as available.

Faculty Fellows will be asked to participate in two or more of the following activities within the three-year term:



- Participate in the development of one or more sponsored funding proposals involving SyracuseCoE.
- Contribute to the programming and attendance of the SyracuseCoE Symposium.
- Assist the SyracuseCoE Industry Collaboration mission by accepting meetings with SyracuseCoE industry partners on matters appropriate to the faculty member's expertise and interests.
- Convene academic and industry researchers in meetings that encourage future collaboration. Such meetings may occur at seminars, the Symposium, or other ways which the Fellow finds effective.