**2019-2020 HHMI-Sheridan CURE Faculty Institute**

**Faculty Request for Proposals (Up to $32,000 in Funding per Course)**

Brown-HHMI and the Sheridan Center are developing a set of resources to enable development of courses or course modules that stress research as a primary mode of learning. These courses focus on student inquiry and are often called course-based undergraduate research experiences (CUREs). Support for course development includes professional training on course design based on emergent practices within the CURE model, individual consultation and feedback, a supportive cohort of peers, easily adaptable course materials, and standardized assessment of your course. Participants are encouraged to co-design their course with a fellow faculty member, postdoc, graduate student, and/or undergraduate teaching assistant(s). Participants will have the option of creating a community-engaged CURE, working in collaboration with the Swearer Center. STEM and quantitative social science courses are eligible to apply.

**Requirements:**

* Participation in at least **one** of the following course development programs:
  + The CUREnet Institute, June 3-5, 2019 at Community College of Rhode Island
  + The Sheridan Course Design Institute, August 5-9, 2019
  + Prior participation in the CURE Design Institute (on January 9, 2019)
* Participation in individual consultations with Sheridan staff
* Development or redesign of a course that integrates research and teaching as a core pedagogy for CCC approval
* Implementation of designed or redesigned course, or CURE module within a course in Fall 2019, Wintersession 2020, or Spring 2020
* Participation in a student CURE poster session the semester your course is offered
* Collection of feedback from students during the course
* Willingness to assess course effectiveness

**Funding:**

* **In addition to course design support, HHMI will provide up to $32,000 per course for the following**
  + Up to $15,000 for graduate student or postdoc during for semester they are teaching the course
  + Up to $5,000 salary for technical support
  + Up to $5,000 per course for supplies
  + Up to $4,800 for 4 undergraduate teaching assistants/fellows
  + $2,200 for course development support

**Application Deadline:** Please apply by Monday, April 15, 2019, at 11:59pm.

*Participants will be selected from across the sciences, engineering, mathematical, and quantitative social science disciplines.*

**If you have questions, please contact:**

|  |  |
| --- | --- |
| Stacey Lawrence, Ph.D.  Assistant Director for STEM Initiatives  401.863.9193  stacey\_lawrence@brown.edu | Kristina L. Cohen, Ph.D.  HHMI Postdoctoral Research Associate  401.863.6101  kristina\_cohen@brown.edu |

**2019-2020 HHMI-Sheridan CURE Faculty Institute: Application**

**Due: Monday, April 15, 2019, 11:59 pm**

**Proposal Evaluation.** Our goal is to support all complete proposals that incorporate student research into undergraduate courses**.** In the event that we do not have the capacity to support all proposals, we will make decisions based on rationale, course design, feasibility, impact, and potential for sustainability. Please refer to the [CURE RFP Rubric](https://drive.google.com/file/d/1d_UiLisw_HIQNas-fCuCOEnc37dX6x_M/view?usp=sharing) for criteria.

Please send completed applications to Kristina Cohen, HHMI Postdoctoral Research Associate, at kristina\_cohen@brown.edu.

**Name:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Department:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Course to be developed or redesigned\*:**

**Title:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Description:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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\*If you would like to redesign an existing course, please include the current syllabus with your application materials.

**Please indicate professional development option that applies to you:**

* I previously participated in the HHMI-Sheridan CURE Design Institute on January 9, 2019
* I will participate in the CUREnet Institute, June 3-5, 2019 at Community College of Rhode Island
* I will participate in the Sheridan Course Design Institute, August 5-9, 2019

**I would like to co-design this course with a postdoc or graduate student:**

* Yes, I would like to co-design this course with (insert name, if known):
* No

**I would like to co-design this course with an undergraduate teaching assistant:**

* Yes, I would like to co-design this course with (insert name, if known):
* No

**Statement of Interest (1-page maximum):**

*Please describe your interest in participating in the CURE Faculty Institute. Your statement should include: 1.) Why do you want to integrate research into your proposed course? 2.) A brief description of how your proposed course incorporates at least three of* [*the five CURE characteristics*](https://mailchi.mp/cb75f80fffa4/september-inclusive-teaching-newsletter?e=bce5f2edd4)*. 3.) A summary of your proposed learning and research goals.*

**Proposed Budget Allocation**

Please fill in how you would use the funds available to support the needs of your CURE course.

|  |  |  |
| --- | --- | --- |
| **Item** | **Anticipated Need** | **Justification** |
| *Example:*  *Graduate Teaching Assistant* | *$15,000* | *Graduate Student X has expertise in a technique that I am not familiar with that will be useful for this experiment* |
| Grad. student or Postdoc Teaching Assistant | ½ time, ¼ time, <¼ time  (circle one) |  |
| Technical support from teaching laboratory staff | yes/no  (circle one) |  |
| Course Supplies | None, <$1000, $1000 - 2500, $2500 - 5000.  (circle one) |  |
| Undergraduate Teaching Assistants | 1, 2, 3, 4, more (circle one) |  |
| Course Development Grant | $2,200 | This grant will be made to all faculty who lead the development of a course |
| Other resources you need (please include approximate cost) | $ |  |
| Other resources you need (please include approximate cost) | $ |  |
| Other resources you need (please include approximate cost) | $ |  |
| Other resources you need (please include approximate cost) | $ |  |
| Other resources you need (please include approximate cost) | $ |  |
| Number of students the proposed course can accommodate | # |  |

**Sustainability and Feasibility Considerations**

* What do you anticipate as the major challenge for sustaining this course without HHMI funds?
* Will laboratory/classroom space be available for your course? Yes No Not sure

If yes, where?

* Do you currently have research funds to use for this course? If not, is there potential for you to include support for your course as part of a future proposal?
* Would your course require approval to work with human or animal subjects? Yes No Not sure

**Chair Approval:**

I agree that, if approved, the proposed course will be offered by the Department of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ semester.

Chair Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Dean Approval (Biology Only):**

Biology course instructors must discuss plans with Associate Dean Katherine Smith prior to submitting this application.

Dean Smith Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_