



Postdoctoral Scholar in Engineering Education

College of Engineering and Physical Sciences

Department: Engineering

Description: The College of Engineering and Physical Sciences is interested in a creative Postdoctoral Scholar who can make fundamental contributions to the broad discipline of Engineering Education. The Postdoctoral Scholar will conduct their own research and work closely with a senior faculty mentor to develop an independent research program. The Scholar will build on current strengths in the college in this area and opportunities to engage in interdisciplinary collaborations across campus and the state, including the New Hampshire Center for Multiscale Modeling and Manufacturing of Biomaterials (NH BioMade) and the Advanced Regenerative Manufacturing Institute.

Additional professional development support will be provided in the form of participation in faculty development academies with other early career tenure-track faculty, coaching by senior faculty colleagues, workshops on teaching and learning, graduate student advising, involvement in department activities, and support funds. The Scholar will also attend workshops on grant writing and the development of a long-range research plan that is funded by the NSF, US Department of Education, private foundations, or other organizations. Responsibilities will include teaching one course annually.

We encourage a breadth of applications across the broad research area of Engineering Education. Specific focus areas may include remediation programs to improve retention, incorporation of active learning strategies, self-efficacy of students, diversity program assessment, benefits of technologies in the classroom, interdisciplinary program development, improvement of spatial ability, and assessment of recruitment programs.

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