

Open Rank Tenure-Track Faculty - Advance Materials for  
Energy Systems - (FAC002578)  
University of Houston

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Posted Nov. 23, 2022, set to expire Mar. 25, 2023

**Job Title** Open Rank Tenure-Track Faculty - Advance Materials for Energy Systems -  
(FAC002578)

**Department** Electrical and Computer Engineering  
<https://www.ece.uh.edu/>

**Institution** University of Houston  
Houston, Texas

**Date Posted** Nov. 23, 2022

**Application Deadline** Open until filled

**Position Start Date** Available immediately

**Job Categories** Assistant Professor  
Associate Professor  
Professor

**Academic Field(s)** Energy Technology  
Electrical and/or Electronics  
Computer Engineering  
Engineering - Other

**Job Website** [https://uhs.taleo.net/careersection/ex2\\_uhf/jobdetail.ftl?job=FAC002578&tz=GMT-05%3A00&tzname=America%2FChicago](https://uhs.taleo.net/careersection/ex2_uhf/jobdetail.ftl?job=FAC002578&tz=GMT-05%3A00&tzname=America%2FChicago)

**Apply Online Here** [https://uhs.taleo.net/careersection/ex2\\_uhf/jobdetail.ftl?job=FAC002578&tz=GMT-05%3A00&tzname=America%2FChicago](https://uhs.taleo.net/careersection/ex2_uhf/jobdetail.ftl?job=FAC002578&tz=GMT-05%3A00&tzname=America%2FChicago)

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**Apply By  
Email**

**Job  
Description**

The Department of Electrical and Computer Engineering at the University of Houston (UH) seeks to fill an open rank tenure-track faculty position in the area of Advanced Materials for Energy Transition. We are especially interested in candidates with expertise in advanced materials for energy storage, advanced manufacturing, computational modeling, and advanced device/system characterization. The successful candidate will be expected to develop a vibrant externally-funded research program that complements our existing strengths in advanced materials for energy capture and storage. The candidate will be expected to contribute to our graduate and undergraduate teaching programs and serve professional societies, the department, and the University.

The University of Houston (UH) is a Carnegie Tier 1 public research university located on a park-like campus close to major energy companies. It is home to the Hewlett Packard Enterprise Data Science Institute (<https://hpedsi.uh.edu/>), the UH Drug Discovery Institute (<https://ddi.uh.edu/>) and the Advanced Manufacturing Institute (<https://ami.uh.edu/>) and offers numerous opportunities for cross-disciplinary collaborations with researchers from Engineering, Medicine, Law, and Natural Sciences and Mathematics. Houston is home to the Texas Medical Center (less than four miles from UH) and has a broad industrial base in energy, aeronautics, materials, and medical technologies offering additional opportunities for collaborative research. It is a thriving city with an internationally diverse population, first-rate recreational opportunities, excellent schools, and affordable housing.

The University of Houston, one of the most ethnically diverse major research university in the United States, is a Hispanic Serving Institution and an Asian American and Native American Pacific Islander-Serving Institution. Students come to UH from more than 137 nations. UH is also an NSF-ADVANCE institution, one of a select group of universities funded in support of our commitment to increasing the number, and importantly, the success of women faculty in STEM fields.

A complete application consists of: (1) a cover letter; (2) Curriculum Vitae; (3) a Research Statement; (4) a statement of education, discussing teaching interests and experience, mentoring experience, and ideas to enhance diversity, equity and inclusion; (5) copies of three representative publications; and (6) the name and contact information (phone number and email address) of three professional references whom we may contact. The review of applications will begin by December 1, 2022, and applications will continue to be reviewed until the positions are filled. This position is available effective Sept. 1, 2023. Pre-application inquiries are welcome – please contact Prof. Badri Roysam at [broysam@uh.edu](mailto:broysam@uh.edu) with any questions. The University of Houston is responsive to the needs of dual-career couples.

The University of Houston is an Affirmative Action/Equal Opportunity Employer. Minorities, women, veterans and persons with disabilities are encouraged to apply.

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**EEO/AA Policy**

The University of Houston, with one of the most diverse student bodies in the nation, seeks to recruit/retain a diverse community of scholars. Applications should include a cover letter, teaching statement, complete contact information for three (3) professional references, and a curriculum vitae

The University of Houston is an equal opportunity/affirmative action employer. Minorities, women, veterans, and persons with disabilities are encouraged to apply. Additionally, the University prohibits discrimination in employment based on sexual orientation, gender identity or gender expression.

**Contact Information**

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact**      Badrinath Roysam  
Electrical and Computer Engineering  
University of Houston  
4226 Martin Luther King Blvd.  
Engineering Building 1, Room N308  
Houston, TX 77204

**Contact E-mail**      broysam@uh.edu