



**2022-2023 Drexel Engineering Faculty Cluster Hiring Initiative
Seeking Candidates for the Department of Materials Science and Engineering**

The [Department of Materials Science and Engineering](#) at Drexel University welcomes applications for a tenure-track assistant professor position with a demonstrated record of excellence as part of a cluster hire in the College of Engineering. Aligned with the [Drexel University 2030 strategic plan](#), the College of Engineering's cluster hire aims at strengthening Drexel's identified areas of excellence. Candidates with any research area related to the College of Engineering's cluster hire themes of **Energy and Sustainability; Smart, Integrated Cities; and Health, Wellness, and Medicine** will be considered.

We seek candidates who can establish a dynamic collaborative materials research program and contribute to the development and delivery of a learner-centered, agile curriculum. We encourage candidates from historically underserved groups to apply. We will prioritize candidates who demonstrate the potential for collaborating within the department, the college, and other colleges at Drexel University. Exceptional candidates without or with limited postdoctoral experience are also encouraged to apply.

Department of Materials Science and Engineering

Located in a vibrant urban environment with rich cultural and professional opportunities, the Department of Materials Science and Engineering has excelled in research productivity in the areas of nanomaterials, soft and biomedical materials, electronic materials, and materials for energy and environment applications. The department was ranked #39 in the world by the 2022 *global US News & World Report* rankings, leads internationally in 2D materials with extensive work on MXenes, and ranks continuously among the top academic departments at Drexel University in terms of funding per faculty.

Drexel University College of Engineering

Drexel Engineering is thrilled to be entering year two of its faculty cluster hiring initiative. The [Drexel Engineering Faculty Cluster Hiring](#) initiative will facilitate interdisciplinary hiring and enhance strategic connections across colleges in alignment with thematic areas of our strategic plan. We embrace a collaborative approach that leverages our existing strengths and aims to address critical and significant societal challenges through emerging engineering methods and platforms across:

- Renewable energy and power;
- Health, wellness, and medicine;
- Smart, integrated cities; and
- Resource stewardship and sustainability.

This is a multi-year process involving faculty across the College of Engineering as well as other schools and colleges throughout Drexel University, aimed at enhancing the research impact of the college; addressing enrollment growth and strategic teaching needs; advancing our commitment to Diversity, Equity, and Inclusion; and building on our widely-respected strengths in these rapidly evolving fields.

We seek faculty hires who will catalyze interdisciplinary collaboration across the cluster themes, attract significant external research funding, and enrich our undergraduate and graduate students' experience.

Drexel University's College of Engineering strives to create a welcoming, diverse, and inclusive environment. The college values inclusion as a core strength and an essential part of our founder, AJ Drexel's mission of preparing each new generation of students for productive professional and civic lives, while also focusing our collective expertise on solving society's greatest problems.

[Supplemental Posting Information](#)

Since its founding in the midst of the industrial revolution in 1891, Drexel University has emphasized its strengths in engineering, science, and technology to train future leaders. In little over a century, Drexel University has

transformed itself into a large, comprehensive institution committed to excellence in education, research, and service to engineering society and the broader community. Although much has changed, the original mission of the University still rings true today. To learn more about each of the divisions and programs offered, visit [Drexel Engineering](#).

Located in the heart of Philadelphia, Drexel University is a world-class, comprehensive, R1 research institution and a global leader in experiential education. For more than 100 years, our renowned Cooperative Education (co-op) program has enabled students to gain professional work experience before they graduate, setting them apart from their peers.

Committed to becoming the nation's most civically engaged university, Drexel supports engagement along three dimensions: research and academic programs that directly benefit communities, business practices that support equitable local and regional economic development, and public service by students, faculty and staff. Our engagement is long-term, multigenerational and fundamental to the University's mission, heritage and future.

At Drexel, we are devoted to fostering an inclusive and welcoming environment that promotes healthy lifestyles and is based on integrity, trust and respect. We center equity, inclusion and belonging, and incorporate an anti-racism approach to our strategic plan, organizational systems, policies and structures.

Qualifications

The applicant must have a PhD in Engineering or a related field by the September 1, 2024 start date. Candidates must have a demonstrated record of and commitment to scholarly achievement and excellence.

Application

Visit [Careers at Drexel](#) for a more detailed description and application instructions. In one PDF, candidates should submit the following: (i) a cover letter; (ii) curriculum vitae detailing educational background, research accomplishments, and work experience; (iii) research plan; (iv) teaching plan; (v) names of at least three professional references; and (vi) a personal statement, which discusses the candidate's past experiences, present efforts, and/or future aspirations to promoting equity, inclusion, and diversity in their academic careers. Drexel University believes that diversity and inclusivity are required for excellence, and candidates are encouraged to describe how their work celebrates diversity in their application.

The deadline to apply is December 9. Review of applications will begin in December and will continue until the position is filled. Drexel University is an Equal Opportunity Employer.

For questions, please contact please contact Ekaterina Pomerantseva or Hao Cheng.