

**1855 Professor in Inclusive Engineering – Tenure System  
/Assistant Professor, Associate Professor, P  
Michigan State University**

Direct Link: <https://www.AcademicKeys.com/r?job=250887>

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Posted Dec. 24, 2024, set to expire Apr. 25, 2025

<b>Job Title</b>	1855 Professor in Inclusive Engineering – Tenure System /Assistant Professor, Associate Professor, P
<b>Department</b>	College of Engineering
<b>Institution</b>	Michigan State University East Lansing, Michigan
<b>Date Posted</b>	Dec. 24, 2024
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Assistant Professor Associate Professor Professor
<b>Academic Field(s)</b>	Mechanical Engineering Ecological and Environmental Civil Engineering Bioengineering (all Bio-related fields) Agricultural Engineering - Other
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<b>Job Description</b>	

**855 Professor in Inclusive Engineering – Tenure System/Assistant Professor, Associate Professor, Professor**

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## Snapshot

The College of Engineering at Michigan State University (MSU) invites applications for a tenure-system faculty position within the Departments of Biosystems & Agricultural Engineering, Civil & Environmental Engineering, or Mechanical Engineering as part of the 1855 Professorship Initiative in Inclusive Engineering.

## Position Summary

The College of Engineering at Michigan State University (MSU) invites applications for a tenure-system faculty position from candidates with research and teaching interests in the emerging field of inclusive engineering. We encourage all individuals whose expertise contributes to addressing societal challenges, improving accessibility, and fostering inclusive solutions that benefit diverse communities to apply.

Areas of interest include, but are not limited to:

- Pedagogical research focused on infusion of inclusive engineering principles in general engineering and discipline-specific contexts
- Integration of social justice factors in a systems engineering approach to improving food security (domestically and globally), nutrition security, and food safety
- Equity of water accessibility, safety, and quality (and impacts on public health)
- Inclusive ergonomics and accessibility engineering
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Inclusive infrastructure design, planning, and analysis

- Empowering full participation of persons with disabilities in our society

We encourage applications for appointments at the rank of Assistant Professor and will consider exceptional candidates for appointment at the rank of Associate or (Full) Professor. These appointments will be part of the MSU 1855 Professorship program, an Office of the Provost initiative to enhance the academic experience and student success by elevating the academic quality and reputation at MSU.

Candidates must have an earned Ph.D. in an engineering field or a closely related discipline at the time of appointment, with an anticipated start date of August 16, 2025. Appointments will be made in the Departments of Biosystems & Agricultural Engineering, Civil & Environmental Engineering, and/or Mechanical Engineering based on existing strengths and capabilities and the candidate's

preferences. Joint appointments with other departments are also possible. This will be a full-time, academic-year appointment in the tenure system, with tenure, if appropriate, at a salary commensurate with the candidate's background and experience. Those who conduct research that enhances or is aligned with aspects of inclusion and equity are of high interest.

The candidate is expected to establish a sustainable, externally-funded, and internationally visible research program; make significant scholarly contributions to their discipline; conduct community-engaged research; be an effective teacher and mentor of undergraduate and graduate students; engage in institutional and professional service; and contribute toward the university's mission in diversity, equity, and inclusion. Candidates are encouraged to describe the potential impacts of their scholarship and how their work might complement existing strengths at the College and university level, particularly

as it relates to diversity, equity, and inclusion. Other qualifications include strong leadership and interpersonal skills, excellent written and oral communication skills, an ability to work in a collaborative research environment, and a commitment to promoting and embracing diversity.

Successful candidates are expected to collaborate with and build on existing MSU activities focused on developing engineered systems (e.g., buildings, on-site energy generation and storage, water systems, transportation) and innovative devices to address multidisciplinary, global problems (e.g., climate change, energy, water/food security, public health and safety), with an emphasis on enabling and

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supporting full participation of minoritized, marginalized, and underrepresented communities.

Additionally, successful candidates are expected to support MSU's Strategic and DEI priorities and infuse DEI principles across the college, disciplines, and professional practice. This open position is supported by the MSU Provost's 1855 Professorships initiative that is aligned with the university's diversity, equity, and inclusion strategic plan and seeks to "...elevate the academic quality and reputation at MSU." For more information about the 1855 Professorships, visit:

<https://provost.msu.edu/priorities-and-initiatives/1855-professorships>. For more information about

MSU's strategic plan, visit: <https://strategicplan.msu.edu/strategic-plan/executive-summary>.

## Required Application Materials

Interested individuals should apply for this position through <http://careers.msu.edu> and refer to posting# 1007872. The application must include the following materials:

1. A detailed CV
2. A cover letter summarizing your qualifications (up to five pages)
3. A teaching vision statement (up to five pages)
4. A research vision statement (up to five pages)
5. A diversity, equity, and inclusion (DEI) vision statement (up to five pages), which should include:
  - Your awareness and education in DEI
  - Examples of your work in DEI
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Assessment and outcomes of your DEI work

- Demonstrated impact of your efforts

6. Names and contact information for at least three professional references

Candidates are encouraged to describe the potential impact of their work and how it aligns with the existing strengths of the Department, College, or other programs at MSU.

Review of applications will begin on December 31, 2024, and continue until the position is filled. Data indicates a paucity of underrepresented minorities and women faculty in engineering; individuals from these groups are strongly encouraged to apply. Questions about this position are welcome and should be directed to the search committee chair by email at [faculty1855@egr.msu.edu](mailto:faculty1855@egr.msu.edu)

## About The College of Engineering

Advancing, disseminating, and applying engineering knowledge has been the focus of the MSU College of Engineering for more than 130 years. The mission of the MSU College of Engineering is to deliver the highest-quality engineering graduates, cutting-edge research, and innovative technology to benefit society locally and globally. The college carries out its mission through educational and research programs over eight departments tackling interdisciplinary themes such as computational sciences, energy, health, manufacturing, materials, mobility, security, and sustainability, with research expenditures totaling \$60 million annually. Research is highly interdisciplinary and collaborative, with

themes spanning eight departments in the college and an extensive network of collaborators in other colleges and research organizations. The departments and college have strong track records of mentoring junior faculty to grow their academic careers successfully.

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The College of Engineering is dedicated to building a diverse and inclusive workforce that reflects the rich diversity of our global society while upholding the high standards of Michigan State University. We encourage applications from individuals of all backgrounds and perspectives, including but not limited to women, underrepresented racial and ethnic groups, individuals with disabilities, protected veterans, members of the LGBTQ+ community, and others who bring unique experiences. Your diverse insights and contributions are essential to our college's ongoing growth and pursuit of excellence.

## About Michigan State University

MSU is an R1 university that enjoys a park-like campus with some outlying research facilities and natural areas. The campus is in the city of East Lansing, adjacent to the capital city of Lansing. The Lansing metropolitan area has a diverse population of approximately 541,000. Local communities have excellent school systems and place a high value on education. Michigan State University is proactive in exploring employment opportunities for dual-career couples inside and outside the University.

## MSU Statements

*Michigan State University has been advancing the common good with uncommon will for more than 160 years. One of the top research universities in the world, MSU pushes the boundaries of discovery and forges enduring partnerships to solve the most pressing global challenges while providing life-changing opportunities to a diverse and inclusive academic community through more than 200 programs of study in 17 degree-granting colleges.*

*All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, citizenship, disability or protected veteran status.*

## Required Degree

Doctorate – Engineering or a closely related discipline



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**Contact Information**

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

**Contact**

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