



Tenure-Track Faculty Position in Dynamic Systems and Control

Position ID: [OSU-MAE-AY22MAE1](#) [#19745, MAE1]

[The Department of Mechanical and Aerospace Engineering](#) at The Ohio State University invites applications for a tenure-track assistant or associate professor faculty appointment in the area of dynamic systems and control.

The opening aims to complement and expand the department's existing research strengths in ground and air vehicles, especially in emerging areas such as electrification, lightweighting, structural functionalization, system integration and control, and smart materials. Candidates with a strong track record in other areas of dynamic systems and control will be considered and are encouraged to apply.

The new hire will be expected to develop a recognized record of scholarship, engage in graduate student mentoring, teach undergraduate and graduate courses, develop new graduate courses in her/his research area, demonstrate intellectual leadership in her/his research field, and establish a record of service to the university and the profession.

Simultaneously, the new hire will be expected to contribute to existing centers and future block grants, for example by helping accelerate research cooperation between the Center for Automotive Research and the NSF IUCRC Smart Vehicle Concepts Center. The two centers operate in distinct technology readiness levels and aim to address different categories of problems; however, the emergence of common electrification problems between ground and air vehicles creates unique opportunities to complement such activities. The new hire will be expected to leverage facilities and expertise both to generate fundamental research and accelerate the transition of scholarly research into vehicle designs.

At the start of the appointment, the new hire will be required to hold a doctoral degree with a major in aerospace engineering, mechanical engineering, electrical engineering, or a closely related field. ***The anticipated start date is August 2022.***

Desired qualifications include a strong commitment to cultivating an equitable, diverse, and inclusive environment in all areas of scholarship, instruction, and outreach; potential for, or evidence of, the ability to secure federal and/or industrial support for innovative research; and a commitment to interdisciplinary education and collaborative research.

The Ohio State University is an equal opportunity employer. All qualified applicants will receive consideration for employment without regard to age, ancestry, color, disability, ethnicity, gender identity or expression, genetic information, HIV/AIDS status, military status, national origin, race, religion, sex, gender, sexual orientation, pregnancy, protected veteran status, or any other bases under the law.

Review of applications will begin on October 1, 2021 and continue until the position is filled

[Interested applicants should submit an application as a single pdf file including:](#)

- **Cover letter**
- **Curriculum Vitae**
- **Research statement**
- **Teaching statement**
- **Diversity statement**
 - *Describe experiences, current interests or activities, and/or future goals that promote a climate that values diversity and inclusion in one or more of the areas of scholarship, instruction, and outreach*
- **Three references (contact information only)**

Contact:

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