

PURDUE/ENE & NAE/CASEE

Engineering Education Leadership & Policy (E2-LEAP) Fellowships

Position: The School of Engineering Education (ENE) within the College of Engineering at Purdue University and the Center for the Advancement of Scholarship on Engineering Education (CASEE) of the National Academy of Engineering are pleased to announce their joint sponsorship of the Engineering Education Leadership and Policy (E2-LEAP) Fellowships.

Purpose and Eligibility: E2-LEAP Fellowships seek to deepen and extend research on engineering education leadership and policy, to raise their visibility, and to heighten the awareness of the community about their importance. The fellowships are open to those with earned doctorates in any field of engineering, the social sciences, or education who have an understanding of the national and international challenges in engineering education as well as the policy frameworks of governmental and non-governmental organizations that may serve to either exacerbate or mitigate these challenges. Research questions are expected to address the interplay between policy frameworks and the structure or outcomes of engineering education.

Terms and Conditions: E2-LEAP Fellowships are for 12 months and are available as soon as a qualified candidate is identified. The selected fellow will receive a stipend of \$50,000, health insurance, and relocation expenses of \$3000. It is expected that E2-LEAP Fellows will be based at Purdue University's West Lafayette campus with travel to other sites as necessary. Travel support will be provided as needed. E2-LEAP Fellows are required to commit full-time to this initiative. Results of research carried out by E2-LEAP Fellows should be available to the public without restriction. E2-LEAP Fellows shall work under the guidance of Professor Kamyar Haghghi of Purdue/ENE and the Director of CASEE. E2-LEAP Fellows are fully responsible for the conduct of their research and the preparation of the results for presentations and publications. E2-LEAP Fellows are required to submit a final report summarizing the results of the fellow's activities to the fellowship's sponsors.

Application Procedure: Please submit the following documents electronically to Professor Kamyar Haghghi (haghghi@purdue.edu) and Dr. Norman Fortenberry (nfortenb@nae.edu): detailed curriculum vitae, candidate's view of the national landscape of engineering education and the role of leadership and policy in that context (2 page max.), a research and dissemination plan that outlines key research questions (2 page max.), and name and contact information of three references. It is anticipated that one (1) E2-LEAP Fellow will be selected in 2008 and that the fellowship will be renewable for one additional year if progress is satisfactory.

ENE has an overarching challenge to develop and implement improved strategies for engineering teaching and learning from pre-kindergarten through graduate school and beyond. Through our academic programs and outreach initiatives, ENE embraces learners of all ages. Learn more at <https://engineering.purdue/ENE>

CASEE fosters continuous improvement in engineering education so as to increase its utility from the perspective of the various stakeholders of engineering education (e.g., employers, academic institutions, current and former engineering students, and society-at-large). CASEE pursues its agenda by fostering research on engineering education and the application of findings to the development of innovations in the practice of engineering education at all educational levels, within formal and informal educational settings, and in workplace-based and lifelong education. More information is available at <http://www.nae.edu/CASEE>