



College of Engineering

BOARD APPROVED
December 12, 2025
Cindy Ream
Corporate Secretary

To: Patrick Wolfe, Provost

From: Arvind Raman, John A. Edwardson Dean of Engineering *Arvind Raman*

Date: November 4, 2025

Subject: Recommendation for a Named Professorship, Dr. Tamara Moore as
Crowley Family Professor in Engineering Education

I am pleased to recommend Dr. Tamara Moore for a Named Professorship, as the Crowley Family Professor of Engineering Education. Dr. Moore's case has received robust support from the Engineering Named Professorship Committee, (ENPC) largely for her high level of visibility and impact on K-12 STEM education, and the contributions she's made to pre-college engineering education materials.

Dr. Moore's research focuses on curriculum and engineering education and is considered an expert in STEM, engineering education at the pre-college level. She has run the INSPIRE program since 2019, providing education materials to K-12 teachers around the nation to bring engineering fundamentals to their classrooms, shaping K-12 education across the country. Evaluators, such as Dr. M. Besterfield-Sacre from U. Pittsburgh note that *"Her work on representational fluency, integrated STEM education, and design-based instruction has shaped scholarly conversations and influenced policy and curriculum development nationally and internationally"*. More recently she has taken on leadership of the workforce development programming for the SCALE program on microelectronics, playing a crucial role in over \$3M in funding for a critical need to the country

Dr. Moore has received several awards and recognitions from both the research community and funding agencies, including most recently being named a fellow in American Society of Engineering Education in 2024. She was selected as a 2014 Kavli Fellow at the Kavli Frontiers in Science program with the National Academy of Sciences, where she participated in leading workshops for K-12 engineering materials, and she was named as winner of the Presidential Early Career Award for Scientists and Engineers in 2012 based on her NSF Career award.

In summary, the ENPC committee unanimously determined that Dr. Tamara Moore's strong performance makes her an ideal candidate for the designation of the Crowley Family Professor in Engineering Education and I, too, agree with this recommendation.

Approval Recommended:

Patrick J. Wolfe 11/17/2025
Patrick J. Wolfe Date
Provost
Miller Family Professor of Statistics and
Computer Science

Mung Chiang 11.18.25
Mung Chiang Date
President
Roscoe H. George Distinguished
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Cc: Dave Bahr
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