



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. Vaneet Aggarwal as
Reilly Professor of Industrial Engineering

I am pleased to recommend Dr. Vaneet Aggarwal for a Named Professorship, as the Reilly Professor of Industrial Engineering. Dr. Aggarwal's case has received robust support from the Engineering Named Professorship Committee, noting both the quality and quantity of his outstanding research, along with strong external recognitions and awards from his professional societies.

Dr. Aggarwal's research focuses on supervised learning, reinforcement learning, large language models, quantum machine learning and their applications in networking, transportation, robotics, healthcare, and biomedical. Dr. Aggarwal is considered an expert in the optimization and control of stochastic systems. External evaluators from Ohio State, KTH in Sweden, and Rice University, among others, identified his work as "*entrepreneurially brilliant*" (Dr. A. Sabharwal, Rice) and found "*...Vaneet's body of research to be outstanding*". (Dr. A. Yener, Ohio State). Awarding this named Professorship is also part of a retention effort since Vaneet is receiving strong interest for named professorships at AAU Universities.

Dr. Aggarwal has received several external awards that demonstrate his excellence to the computational learning networking community. He was named the IEEE ComSoc Distinguished Lecturer in 2024-25, was the recipient of the IEEE Communications Society William R. Bennett Prize in 2024, and in 2017 won the Jack Neubauer Memorial Award for the best systems paper in IEEE Transactions on Vehicular Technology. With an extensive publication record of over 170 journal papers and almost 200 conference presentations since his PhD in 2010, I concur with the ENPC's assessment that he is recognized as a clear leader in scholarly contributions to his field.

In summary, the ENPC committee unanimously determined that Dr. Aggarwal's strong performance in discovery make him an ideal candidate for the Reilly Professor of Industrial Engineering named professorship and I agree with this delegation.

Approval Recommended:

Patrick J. Wolfe 11/11/2025

Patrick J. Wolfe Date
Provost
Miller Family Professor of Statistics and
Computer Science

Mung Chiang 11-12-25

Mung Chiang Date
President
Rescoe H. George Distinguished
Professor of Electrical and Computer
Engineering

Cc: Dave Bahr
Brittany Vestal
Young-Jun Son