



Executive Vice President for
Research and Partnerships

BOARD APPROVED
October 1, 2021

Janice Indrutz
Corporate Secretary

DATE: September 13, 2021
TO: Jay Akridge, Provost and Executive Vice President for Academic Affairs and Diversity
FROM: Theresa Mayer, Executive Vice President for Research and Partnerships *JM*
RE: Recommendation for Named Professorship

I am pleased to recommend that Dr. Pavlos Vlachos be named the St. Vincent Health Professor of Healthcare Engineering in the Regenstrief Center for Healthcare Engineering, an Interdisciplinary University Center at Purdue that is supported by the Regenstrief Foundation. Dr. Vlachos's case has the support of the Named Professorship Committee that represents the Interdisciplinary University Centers and Institutes at Purdue. Dr. Vlachos's full vita, recommendation letters, and abbreviated vita are enclosed for your review.

Dr. Vlachos's work focuses on experimental fluid mechanics with an emphasis on interdisciplinary measurement science, especially at the intersection of mechanics with biological, biomedical, and clinical systems. His current research addresses translational and clinical research leading to technologies that reach medical practice (bench-to-bed), and measurement and data science in physical systems. He has made scientific, and engineering contributions to the quantification of uncertainty in complex measurement systems, and discoveries and innovations that led to new understanding and technologies for heart failure, cardiovascular diseases, and tissue biotransport with applications to oncology, drug delivery, and injection biomechanics, as well as discoveries on how animals and micro-organisms interact with their fluid environment. His research helped launch Purdue's partnership with Eli-Lilly on injectable biopharmaceuticals, and his collaborative leadership is impacting the space of drug delivery for monoclonal antibodies.

This memo is to request your approval for Dr. Pavlos Vlachos to be appointed the St. Vincent Health Professor of Healthcare Engineering.

Approval Recommended:

Jay T. Akridge, Provost and Executive
Vice President for Academic Affairs and Diversity

9/16/21

Date

Approved:

Mitchell E. Daniels, Jr.
President

9/16/21

Date