



COLLEGE OF ENGINEERING

BOARD APPROVED
 FEBRUARY 8, 2019
 JANICE INDRUTZ
 CORPORATE SECRETARY

Arvind Raman
 Senior Associate Dean of the Faculty
 Robert V. Adams Professor in Mechanical Engineering

To: Jay T. Akridge, Provost and Executive Vice President for Academic Affairs and Diversity
 From: Arvind Raman, Senior Associate Dean of the Faculty, College of Engineering *Arvind Raman*
 Date: November 20, 2018
 Subject: Nomination of Dean Mung Chiang for Distinguished Professorship

The Primary Committee of the School of Electrical and Computer Engineering has endorsed Mung Chiang as the Roscoe H. George Distinguished Professor of Electrical and Computer Engineering.

Following your approval, a special committee of Distinguished Professors was established in August 2018 to evaluate Professor Chiang's suitability for a distinguished professorship. The committee included:
 Michael Ladisch, Distinguished Professor of Agricultural and Biological Engineering, Chair
 Mikhail J. Atallah, Distinguished Professor of Computer Science
 Clint C.S. Chapple, Distinguished Professor of Biochemistry
 Mark S. Lundstrom, Don and Carol Scifres Distinguished Professor of Electrical and Computer Engineering
 Andrew M. Weiner, Scifres Family Distinguished Professor of Electrical and Computer Engineering
 The recommendation from the committee, external letters, nomination form, and CV are attached.

In summary, the committee unanimously and strongly recommends Professor Chiang for Distinguished Professorship. The committee lauds Dean Chiang's extraordinary achievements and impact as a researcher, educator, entrepreneur, and for his service to the profession that make him an exceptional candidate for the rank of Distinguished Professor.

Based on the strong recommendation of the Distinguished Professor committee and the endorsement of the Primary Committee of the School of Electrical and Computer Engineering, I am delighted to forward this nomination to you for approval.

Approved:

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

Mitchell E. Daniels, Jr.
 President

12/16/18

Date

12/17/18

Date

Cc: Pedro Irazoqui

Michael R. Ladisch, Ph.D.
Distinguished Professor and Director

MEMORANDUM

To: Jay Akridge, Provost
From: Michael Ladisch
Date: November 16, 2018
Re: Professor Mung Chiang: Recommendation from Distinguished Professor Review Committee

A committee of Distinguished Professors consisting of Mikhail Atallah, Clint Chapple, Mark Lundstrom, Andy Weiner, and myself, have reviewed the materials for Dr. Mung Chiang, John H. Edwardson Dean of Engineering, and Roscoe H. George Professor of Electrical and Computer Engineering. We also have received responses from extramural colleagues from whom we requested assistance in our evaluation. The letters from these subject matter experts, who are familiar with the field and with Professor Chiang's work in it, provide further insights on the impact of Professor Chiang's work. Based on the committee's discussion we strongly believe that Mung Chiang has the achievements and impact that make him an exceptional candidate for the committee's rank of Distinguished Professor.

In summary, Dean Chiang has an outstanding record as an educator, researcher, and entrepreneur, and through service to his profession. There are few people who have achieved what he has in such a short period of time, and with momentum that he has maintained while at Purdue University as the John H. Edwardson Dean of the College of Engineering since 2017. Dean Chiang's research continues to be heavily cited, and he continues to publish. A search on Google Scholar for 2018 year-to-date reveals approximately 25 entries co-authored by Mung Chiang, including patents, journal and conference papers, and ArXiv manuscripts. As of Sept. 27, his work has received 1593 citations year-to-date. Currently Google scholar shows 21,015 citations with H factor of 69 overall, and 12,304 and with an H factor of 52 for the last 5 years.

Robert Calderbank, Professor of Electrical and Computer Engineering at Duke University (former V.P. for Research at AT&T, member of NAE) describes Mung Chiang as an extraordinary researcher and educator at Princeton University. The committee believes that Mung brings this same attribute to Purdue University, although in a manner that cuts across the 12 departments and schools that make up the College of Engineering at Purdue University. He is unique in the manner in which he accommodates the real constraints of actual network systems while still achieving an elegant and useful result according to John Cioffi, Professor in Electrical Engineering at Stanford University (member of NAE).

Examples of service to the profession include the launching at the Open Fog Consortium, a nonprofit global consortium that includes Cisco, Dell, Intel, Microsoft, and others. He is active

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in his professional society (IEEE) as an editor (guest or associate), and a member of IEEE Fellow Evaluation Committee.

As an innovative educator, he has launched an on-line course while at Princeton that addressed how networks connect technology with social and economic factors. This course has connected with more than 400,000 people, according to Vincent Poor of Princeton University and member of NAE, NAS, and the Royal Society. Poor also notes Dr. Chiang's pioneering achievements as founding CEO of DataMi, Inc., whose products address Smart Data Pricing, has become a major provider of network management technologies to three of the five largest mobile operators in the world. The ideas in his research on smart data pricing have now been rolled out to over 60 million users in six continents. While at Princeton, Professor Chiang was one of the youngest faculty members to be named to an endowed professorship – the Arthur LeGrand Doty Professorship - which was previously held by the Nobel Laureate in Physics, Danial Tsui, who retired from Princeton around that time.

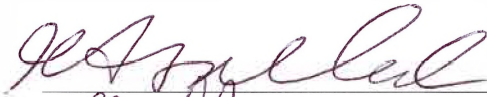
We cannot think of a stronger example of translation in the networking field. When coupled to an extraordinary combination of scholarship, entrepreneurship, research, and an innovative educational approach, Dean Chiang stands out as a leader at all levels. The Committee strongly recommends Professor Chiang for the Distinguished Professorship.

Sincerely yours,



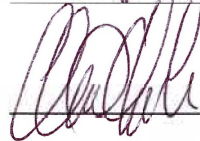
Michael R. Ladisch, Chair

Mikhail Atallah



Date: 11-19-18

Clint Chapple



Date: 11/19/18

Mark Lundstrom



Date: 11/16/18

Andy Weiner



Date: 11/20/2018

cc: Mikhail Atallah
Clint Chapple
Mark Lundstrom
Andy Weiner