

KRANNERT SCHOOL OF MANAGEMENT
OFFICE OF THE DEAN

To: Jay T. Akridge, Provost and Executive Vice President for Academic Affairs and Diversity
From: David Hummels, Dr. Samuel R. Allen Dean of the Krannert School of Management
Date: April 30, 2019
Re: Prof. Annabelle Feng for the position of John & Donna Krenicki Chair in Operations Management

I write to strongly recommend Professor Annabelle Feng's case to hold the Krenicki Chair in Management. She has held this chair on a limited-term basis for the past five years; Krannert's Committee on Named and Distinguished Professors has considered her case for holding the chair on a permanent basis and she received a unanimous 12-0 vote. Her external letters writers unanimously and enthusiastically support the case.

Professor Feng has made significant advancement in many areas but her impact in two areas -- *stochastic inventory and pricing management and contracting in supply chains* – has been profound. The uniqueness of Professor Feng's research profile lies in both its breath and depth. On the theoretical front, her work demonstrates her strong technical capability in pushing the boundaries of the theories. On the application front, she is exceptional in identifying the right problem and developing insightful understandings. On the practice front, she is able to successfully implement her research to make measurable impact to business. The recognition of Annabelle's research impact is evident from several prestigious awards she has received, including the 1st Prize of 2009 INFORMS Junior Faculty Paper Competition, the 2009 INFORMS Franz Edelman Award, the 2012 POMS Wickham Skinner Early-Career Research Accompaniment Award, and the 2018 POMS Wickham Skinner Best Paper Award.

It is also important to comment on the **practical impact** of her research and its value for the extension mission. Her tangible contribution to real business is evident from the fact that she is a coauthor of three US patents and a Franz Edelman laurate. She has worked extensively with Hewlett-Packard on various issues including product proliferation management, resource planning, demand shaping and call center scheduling. The Edelman Award winning project addresses the challenge of choosing a product portfolio from 8 million possible configure-to-order combinations. At Purdue, she has taken the lead in establishing industry connections and engaging local companies on various capacities, making real impact to the business. For example, she worked closely with Caterpillar on transit scheduling and shipping lane choice, with Evonik on spare parts inventory reduction, with Ingersoll Rand on customer order consolidation, with Varallia on production planning, with Dubois Strong on development policy for Bubo County, with IU Health on parking lot planning, with Geddy's Ice Cream on shelf space allocation, and with Chao Center on sourcing and distribution of TB drug.

Professor Feng has made particularly notable contributions in service to the profession. She is a board member of POMS (Production and Operations Management Society), served as a Senior Editor for the OM-Marketing Interface Department for POMS 2006, and the Department Editor for Stochastic Models during 2012-2018, and the Department Editor for Stochastics, Optimization and Data Science since 2018. She was the general program chair for POMS annual conference in 2015, a track chair for POMS annual conferences in 2011, 2013, 2018 and 2019, and served as an invited session chairs many times. She served in the judge panel for POMS Emerging

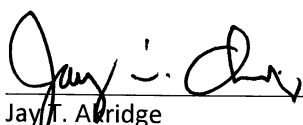
Krannert School of Management

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Economies Doctoral Student Award, editorial board for POMS Chronicle, and VP of Communication for POMS College of Supply Chain Management. Since 2007, she also serves as a Department Editor for Supply Chain Management for *Flexible Manufacturing and Service Journal*.

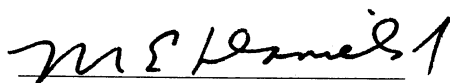
Professor Feng has also provided strong service to the school. Within Krannert, Professor Feng has served as the Area Coordinator in Supply Chain and Operations Management during a period in which that faculty area has garnered multiple top 5 rankings, and made a series of exceptional faculty hires. She also served as the Associate Director of the twinned Dauch Center for Managing the Manufacturing Enterprise/Global Supply Chain Management Initiative. During her career, Annabelle has won several teaching awards. Her teaching ratings at the Krannert School of Management have been consistently high (higher than 4.6 out 5 in 80% of the time). She is chairing or co-chairing three Ph.D. students and has served in 8 Ph.D. committees.

Approved:



Jay T. Arledge

Provost and Executive Vice President for Academic Affairs and Diversity



Mitchell E. Daniels, Jr

President