

SUMMARY
New Appointments to Endowed Chairs, Professorships, or Fellowships (7)

August 29, 2016

College of Architecture and Urban Studies

Georg Reichard Preston and Catharine White Fellowship

College of Engineering

Johan Foster Thomas G. Digges and Thomas G. Digges, Jr.
Faculty Fellow in Materials Science and Engineering

Mark Psiaki Kevin Crofton Faculty Chair

College of Natural Resources and Environment

David Earl Kline Charles Blakeslee Nettleton Faculty
Fellowship in Forest Products

College of Science

Serkan Gugercin A.V. Morris Professorship

Pamplin College of Business

Reza Barkhi KPMG Professorship in Accounting

Weiguo (Patrick) Fan R.B. Pamplin Professorship

**ENDOWED FELLOWSHIP
Preston and Catharine White Fellowship**

The Preston and Catharine White Fellowship in the Myers-Lawson School of Construction, in the College of Architecture and Urban Studies and College of Engineering, was established by the generous gift of \$1M by Preston and Catharine White. Outlined in the fund agreement is the donor's intent to support a professorship for the director of the school of construction, fellowships for the associate and assistant directors, and to support the director's Excellence Fund. Currently, the director of the school of construction holds a named professorship which makes these funds available for other leaders within the school of construction.

Jack Davis, dean of the College of Architecture and Urban Studies, has nominated Dr. Georg Reichard for this prestigious fellowship in accordance with the recommendation of the director of the school of construction.

Dr. Reichard has excelled at scholarship, research, teaching, service, and outreach at Virginia Tech. Dr. Reichard work is internationally known and has received funding from the National Science Foundation (NSF) in the building performance and energy areas. He is active with the U.S. Department of Energy (DOE), and a host of other technical consortia. He maintains a leadership role in the Building Enclosure Technology and Environment Council of the National Institute of Building Sciences

RECOMMENDATION:

That Dr. Georg Reichard be appointed to the Preston and Catharine White Fellowship in the Myers-Lawson School of Construction effective for a period of one year beginning August 10, 2016, with a salary supplement as provided by the endowment.

August 29, 2016

ENDOWED FACULTY FELLOW**Thomas G. Digges and Thomas G. Digges, Jr. Faculty Fellow in Materials Science and Engineering**

The Thomas G. Digges and Thomas G. Digges, Jr. Faculty Fellow of Materials Science and Engineering was established with a generous gift from the estate of alumnus Robert H. Digges. The creation of this fellowship enables the Department of Materials Science and Engineering to recruit and retain outstanding faculty. Don Taylor acting dean of the College of Engineering, has nominated Dr. Johan Foster for this prestigious Faculty Fellow award based on the recommendation of the Department of Materials Science and Engineering and the College of Engineering Honorifics Committees.

Dr. Foster has excelled in all areas relevant to the mission of Virginia Tech: teaching, scholarship, service, and outreach.

Since his hire date of August 10, 2014, Dr. Foster has demonstrated excellence in delivering a range of instruction including undergraduate and graduate level courses, large introductory classes, independent studies, capstone senior design projects, and specialized graduate courses. In 2016, his capstone senior design team's project was ranked "best" of 15 by a group of independent judges.

Dr. Foster has excelled in research and scholarship, having published over 54 papers (20 at Virginia Tech) in refereed journals and refereed conference proceedings, having presented 40+ invited talks, and having secured over \$2.5M (his share) during his career and \$450,000 (his share) at Virginia Tech in external research funding. His research supports six graduate students and 10 undergraduate students.

Dr. Foster has excelled in outreach and service having established an international relationship with several universities in Europe and also having organized six international symposia in his field and currently organizing two additional symposia in biomaterials and smart materials.

RECOMMENDATION:

That Dr. Johan Foster be appointed as the Thomas G. Digges and Thomas G. Digges, Jr. Faculty Fellow in Materials Science and Engineering for a nonrenewable period of two years effective August 10, 2016 with a salary supplement and program support funds as provided by the endowment.

August 29, 2016

ENDOWED FACULTY CHAIR Kevin Crofton Faculty Chair

The Kevin Crofton Faculty Chair in Aerospace and Ocean Engineering was established with a generous gift from alumnus Kevin Crofton. The creation of this faculty chair enables recruitment and significant investment into the research program of an internationally recognized scholar. Richard Benson, dean of the College of Engineering, has nominated Dr. Mark Psiaki as the inaugural holder of the Crofton Faculty Chair, based on the recommendations of Dr. Eric Paterson, department head of the Department of Aerospace and Ocean Engineering (AOE), and the AOE Honorifics Committee.

Dr. Psiaki is a distinguished scholar in the fields of dynamics and control, GPS/GNSS navigation, cyber-physical security with specific expertise in GPS spoofing and jamming, and spacecraft orbit determination and control. Dr. Psiaki has been a tenured professor in the Sibley School of Mechanical and Aerospace Engineering at Cornell University since 1993 and was appointed to the rank of professor in 2006. He is a Fellow of the Institute of Navigation, is an Associate Fellow of American Institute of Aeronautics and Astronautics, and was the recipient of the 2013 Tycho Brahe Award from the Institute of Navigation. He has published over 125 journal and conference papers, and has received six Best Paper Awards from the American Institute of Aeronautics and Astronautics.

In 2014-15, Dr. Psiaki was a National Research Council Senior Research Associate at the U.S. Air Force Research Laboratory's Space Vehicles Directorate, and has spent two sabbatical leaves with the Aerospace Engineering Faculty of The Technion in Haifa, Israel as a Lady Davis fellow. He is a co-founder of Coherent Navigation, Inc., where he worked on iGPS signal processing and Iridium orbit determination.

Professor Psiaki joined the Virginia Tech faculty in May 2016, and will be a key faculty member at Space@VT where he will bring his expertise to research and educational programs in satellite and spacecraft engineering. He will teach courses in astrodynamics, spacecraft control, model-based estimation, and global navigation satellite systems.

RECOMMENDATION:

That Dr. Mark Psiaki be appointed to the Kevin Crofton Faculty Chair in Aerospace and Ocean Engineering for a renewable period of five years, effective August 10, 2016, with a salary supplement and operating budget as provided by the endowment and, if available, with funds from the eminent scholars match program.

August 29, 2016

ENDOWED FACULTY FELLOWSHIP
Charles Blakeslee Nettleton Faculty Fellowship in Forest Products

The Nettleton Faculty Fellowship in Forest Products was established by the generous gift of Blakeslee Chase, daughter of Charles Blakeslee Nettleton. Charles B. Nettleton was a successful entrepreneur and land manager. He bought and managed a 10,000-acre parcel of forest land in Alleghany County, in Virginia, built a lumber yard, and expanded a successful hardware store, Lumber and Building Supplies. He was the loving husband of Carrie, the first Virginia woman to hold the title of president of the National Council of State Garden Clubs.

The Nettleton Faculty Fellowship in Forest Products enables the College of Natural Resources and Environment to support an outstanding faculty member in the Department of Sustainable Biomaterials who has excelled in the classroom and in their engagement with students to enhance knowledge of the business aspects of the forest products industry and to promote student interest in pursuing a career in that industry. Dean Paul Winistorfer has nominated Dr. David Earl Kline as the Nettleton Fellow of Forest Products, based on the recommendations of the College of Natural Resources and Environment Honorifics Committee.

Dr. Kline has developed and led a unique business start-up learning environment named the Wood Enterprise Institute. This concept-to-market, real-world setting focuses on the higher order learning skills of inquiry, problem-solving, innovation, entrepreneurship, and team work.

Dr. Kline established the Wood Enterprise Institute in 2007 as a student-run, faculty-supported organization at Virginia Tech. Since then, the Wood Enterprise Institute has grown in recognition as a premier learning venue for creativity, innovation, entrepreneurship, and business leadership.

Dr. Kline is an excellent, dedicated teacher. He brings his industry and real-world connections to the classroom, emphasizing the skills of inquiry and entrepreneurship to address applied problems and arriving at solutions. He fosters a hands-on environment, leveraging practitioners from industry to augment classroom experiences.

Dr. Kline has an established research program initially focused on machine vision as applied to lumber grading systems, but evolving to the field of continuous improvement. He has secured in excess of \$3.1M to support his research, has published extensively in scientific literature, and holds two U.S. patents for his discoveries.

Dr. Kline's service to the department, college, university, and profession are exceptional. As a member of many professional organizations, he has organized, led, conducted, and participated in many professional meetings. He has served on numerous department and college committees. He has held two editorships of prominent scientific publications.

Dr. Kline has made outstanding contributions to Virginia Tech, the Commonwealth of Virginia, and the nation by advancing and disseminating knowledge via research and by mentoring students who will become the future business leaders of the forest products industry.

RECOMMENDATION:

That Dr. David Earl Kline be appointed the Nettleton Fellow of Forest Products for a period of three years beginning August 10, 2016, with a salary supplement and annual operating budget as provided by the endowment.

August 29, 2016

ENDOWED PROFESSORSHIP A.V. Morris Professorship

The A.V. Morris Professorship was established by Laura M. Burrows in honor of her father, Professor Aneurin Varr Morris, a 1923 graduate of Virginia Tech and a mathematics instructor in the College of Arts and Sciences from 1923 through 1965, and supports a teacher and scholar in mathematics in Virginia Tech's College of Science.

Lay Nam Chang Ph.D., dean of the College of Science, has nominated Professor Serkan Gugercin to this endowed position, concurring with the recommendations of the chair of the Mathematics Department Dr. Peter Haskell, the Mathematics Department Personnel Committee, and the Honorifics Committee of the College of Science.

Serkan Gugercin received a bachelor of science degree from the Middle East Technical University and master of science and Ph.D. degrees from Rice University. He joined the Virginia Tech faculty as a tenure-track assistant professor in 2003, was promoted to associate professor with tenure in 2008, and to professor in 2013. He received a National Science Foundation CAREER award in 2007, and he is currently visiting the Technical University Berlin on a Humboldt Research Fellowship for Experienced Researchers.

Dr. Gugercin is a leading researcher in the field of model reduction. This field uses mathematical structure to replace computationally infeasible simulations of dynamical systems by simulations that retain sufficient accuracy in a computationally tractable formulation. Dr. Gugercin's research has been funded by the National Science Foundation (NSF), the Air Force office of Scientific Research (AFOSR), the U.S. Department of Energy (DOE), and the National Institute for Occupational Safety and Health (NIOSH). His four book chapters, 26 journal articles, and 33 refereed conference proceedings papers have been cited over 1700 times since 2011.

Dr. Gugercin is a widely respected teacher who has played a crucial role in the development of two new computationally oriented undergraduate math courses in addition to a graduate course in his research area. He is a department leader in promoting undergraduate research, and he is active in advising B.S., M.S., and Ph.D. students.

Dr. Gugercin is an associate editor of two highly regarded journals, he has been active in conference and mini-symposium organization, and he has served on the Virginia Tech Commission on Research. He is one of the main reasons that Virginia Tech will host the 2017 Householder Symposium on Numerical Linear Algebra, which is held once every three years and is the preeminent conference in its field.

RECOMMENDATION:

That Serkan Gugercin, Ph.D. be appointed to the A.V. Morris Professorship, effective September 10, 2016 for a period of five years, with operating support as provided by the endowment and, if available, with funds from the eminent scholars match program.

August 29, 2016

ENDOWED PROFESSORSHIP KPMG Professorship in Accounting

The KPMG Professorship in Accounting was established in 2004 to support the Pamplin College of Business in its efforts to attract and retain eminent scholars in the field of accounting. The Department of Accounting and Information Systems has recommended that the professorship be awarded to Professor Reza Barkhi. The departmental Honorifics Committee and the College Honorifics and Awards Committee endorsed this nomination as did dean Robert Sumichrast.

Professor Barkhi received his Ph.D. in 1995 from The Ohio State University and joined the Virginia Tech faculty as an assistant professor in 1997 after serving as the founding director of the Center for Telecommunication Applications in Management at the University of Massachusetts-Lowell. Since 2011, Dr. Barkhi has served as head of the Department of Accounting and Information Systems. Professor Barkhi has published over 50 papers in books and refereed journals including the field's most eminent journals. Dr. Barkhi's research focuses on decision support and organizational integration systems, distributed decision making, design of telecommunication nations, and the economics of information systems. He currently serves as a senior editor of *Decision Support Systems* and as an associate editor of *Information Technology Management*. He also serves on several scholarly journal editorial boards and is active in professional organizations including the Association for Information Systems, the Institute of Operations Research and Management Sciences, and the Decision Sciences Institute.

Professor Barkhi has taught a range of courses in the areas of management information systems, database management, decision theory, and operations management at the undergraduate and graduate levels. He has also served on or chaired over 20 doctoral dissertation committees in his own department and in other Virginia Tech departments including computer science, industrial and systems engineering, and marketing. In short, Professor Barkhi is an accomplished scholar and teacher fully deserving of this professorship.

RECOMMENDATION:

That Dr. Reza Barkhi be appointed the KPMG Professor of Accounting, effective August 10, 2016, with a salary supplement as provided by the endowment and, if available, with funds from the eminent scholars match program.

August 29, 2016

ENDOWED PROFESSORSHIP
R.B. Pamplin Professorship

The R.B. Pamplin Professorships were established in 1992 to support the Pamplin College of Business in its efforts to attract and retain eminent scholars in business. The Department of Accounting and Information Systems has recommended that a Pamplin Professorship be awarded to Professor Weiguo (Patrick) Fan. The departmental Honorifics Committee and the College Honorifics and Awards Committee endorsed this nomination as did Dean Robert Sumichrast.

Patrick Fan has published 64 papers in scholarly journals including the field's most eminent journals. Professor Fan's research and publications relate to a wide variety of current and relevant questions pertaining to the information systems profession. Most recently, Professor Fan has established himself as a leader in the application of text analytics methods to a variety of relevant domains including an assortment of effects of social media adoption. Professor Fan's consistent and continuous level of publications is rather remarkable. He has established himself as a leader scholar who shows no signs of slowing down his academic research.

From a teaching perspective, Professor Fan has taught a variety of courses at both the undergraduate and master's levels. Professor Fan has chaired and served on numerous Ph.D. committees, and continues to mentor and interact well with Ph.D. students his department and beyond. Professor Fan has also served as the associate director of the Digital Library Research Lab since 2006, and was the co-director for the Center for Business Intelligence and Analytics for 2013 to 2015.

In short, Professor Fan is a distinguished scholar and teacher fully deserving of this professorship.

RECOMMENDATION:

That Dr. Weiguo (Patrick) Fan be appointed to the R.B. Pamplin Professorship, effective August 10, 2016, with a salary supplement as provided by the endowment and, if available, with funds from the eminent scholars match program.

August 29, 2016