SUMMARY

<u>New Appointments</u> to Endowed Chairs, Professorships, or Fellowships (24)

August 29, 2023

Each college has formal procedures for the nomination and appointment to endowed chairs, professorships, and fellowships that include review by a college honorifics committee or promotion and tenure committee.

After review by the appropriate college committee the college dean makes recommendations for approval by the provost and the Board of Visitors. Such an appointment may continue through the active career of the professor at the university, unless it is relinquished in favor of some other honored or administrative appointment or unless the appointment has specific term limitations that may be renewable.

The following faculty members are recommended for endowed chairs, professorships, or fellowships at Virginia Tech.

College of Agriculture and Life Sciences (2)

| John Bovay | David M. Kohl Junior Faculty Fellowship |
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| Le Wang | David M. Kohl Chair |
| College of Engineering (8) | |
| William Ducker | Robert E. Hord, Jr. Professorship in Chemical Engineering |
| Michael Garvin | David H. Burrows Professorship in Construction Engineering |
| Josh Iorio | Preston and Catharine White Fellowship |
| Ashley Johnson | Preston and Catharine White Fellowship |
| Roberto Leon | Charles E. Via, Jr. Professorship in Civil and Environmental Engineering |
| Robin Queen | L. Preston Wade Professorship |
| Georg Reichard | Preston and Catharine White Fellowship |
| Shima Shahab | Mary V. Jones Faculty Fellowship |
| College of Science (12) | |
| Ed Barnes | Roger Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship |

ATTACHMENT Y

| Anne Brown | Data Science Faculty Fellowship |
|---------------------------------|---|
| Pearl Chiu | Patricia Caldwell Dean's Faculty Fellowship |
| Daniela Cimini | College of Science Faculty Fellowship |
| Saturo Emori | Luther and Alice Hamlett Junior Faculty Fellowship |
| Carla Finkielstein | Roger Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship |
| Feng Guo | Patricia Caldwell Dean's Faculty Fellowship |
| Ivan Hernandez | Data Science Faculty Fellowship |
| Patrick Huber | William E. Hassinger, Jr. Senior Faculty Fellowship in Physics |
| Brooks King-Casas | College of Science Faculty Fellowship |
| Liwu Li | College of Science Faculty Fellowship |
| Xin (Shayne) Xing | Luther and Alice Hamlett Junior Faculty Fellowship Dean's Faculty Fellowship |
| Pamplin College of Business (2) | |
| Jennifer Joe | John E. Peterson Professorship |
| Christopher Porter | Strickler Professorship |

ENDOWED FACULTY FELLOWSHIP Kohl Junior Faculty Fellowship

The Kohl Agribusiness Centre was founded to honor Dr. David M. Kohl, an emeritus professor in the Department of Agricultural and Applied Economics. In his academic career, Dr. Kohl was a prominent Extension economist who routinely worked with agricultural producers, agribusiness firms, lenders, and policy makers to address practical problems that confronted Virginia's farmers and agricultural sector. The Kohl Junior Faculty Fellowship recipient will support faculty, students, and staff who are members of the Kohl Agribusiness Centre, which seeks to effectively integrate all aspects of the land-grant mission: teaching, research, and outreach.

In concurrence with the recommendations of the department head and honorifics committee of the Department of Agricultural and Applied Economics, Dean Alan Grant nominates Dr. John Bovay to hold the Kohl Junior Faculty Fellowship in the Kohl Agribusiness Centre for a three-year, renewable term.

Dr. Bovay has a decade of experience working with producers and industry groups, policy makers, and students in Virginia and along the east coast. He currently serves as an assistant professor of Agricultural and Applied Economics with a research and Extension appointment, and he also teaches a graduate course periodically. His research and Extension programs focus on economic issues related to food and agricultural policy, specifically topics such as food-safety regulation, product-quality attributes, labeling, food loss and waste, climate-smart agricultural practices, and innovative precision technologies. His teaching and mentoring activities align with his integrated research and Extension programs, with outputs and solutions from each program informing the others. Dr. Bovay challenges his students to understand the most policy-relevant research questions related to food and agriculture value chains and the most appropriate and rigorous methods for investigating these questions.

RECOMMENDATION:

That Dr. John Bovay be appointed to the Kohl Junior Faculty Fellowship for a three-year, renewable term effective August 10, 2023, with a salary supplement provided by the endowment.

ENDOWED CHAIR David M. Kohl Chair

The David M. Kohl Chair was established by James A. and Renae C. Pearson, proud and prominent Virginia Tech alumni. The principal goal of the Kohl Chair is to direct the Kohl Agribusiness Centre within the Department of Agricultural and Applied Economics in the College of Agriculture and Life Sciences that financially and intellectually supports the missions of teaching, research and extension in farm and agribusiness management.

In concurrence with recommendations of the college honorifics committee, the Department of Agricultural and Applied Economics honorifics committee, and the department head Dr. Matthew T. Holt, Dean Alan Grant nominates Dr. Le Wang for appointment to the David M. Kohl Chair.

Dr. Wang will be joining Virginia Tech as a professor in the Department of Agricultural and Applied Economics in 2023. He earned his Ph.D. in economics from Southern Methodist University in 2006. Dr. Wang has extensive experience and knowledge in applied economics and interdisciplinary research, as well as quantitative methods focusing on causal inference, distributional and nonparametric econometrics, and data analytics and machine learning. An accomplished scholar, Dr. Wang has consistently contributed to the development of rigorous methodological tools, innovative data-driven approaches, and their applications in economic analysis. His research examines a wide spectrum of prevailing and emerging policy questions and problems, including inequality and economic mobility, education, the effects of food stamp programs, child nutrition and health in developing countries, environmental policies, and food aid.

Dr. Wang's expertise is demonstrated in 36 journal publications in leading economic journals such as the *Journal of Political Economy*, *Journal of Econometrics*, *Journal of Business and Economic Statistics*, *Journal of Applied Econometrics*, and *Journal of Environmental Economics and Management*. Dr. Wang's interdisciplinary research has been supported by Department of Education and Department of Health and Human Resources. Over the years, Dr. Wang's research has been recognized with multiple awards and honors. In 2018, he received the Kuznets Prize from *Journal of Population Economics*, which recognizes the best paper of the year published in the journal. He also received the Vice President for Research's Award for Excellence in Transdisciplinary, Convergent Research at the University of Oklahoma in 2023, and was recognized with WSBE Outstanding Researcher Award at the University of New Hampshire in 2012.

Dr. Wang is a recognized leader in his field, and his leadership extends to the broader academic community. He currently serves as a co-editor of *China Economic Review* and *Journal of Labor Research*, and associate editor of *Econometric Reviews*. He is a member of the Board of Trustees of the Southern Economics Association and served on the Board of Directors of the Chinese Economist Society. He also serves as the director of Young Scholars Program of the Global Labor Organization and is a member of Human Capital and Economic Opportunity Global Working Group at the University of Chicago, led by James Heckman (2000 Nobel Laureate in economics).

In addition to research, Dr. Wang is an exceptional educator, sharing his extensive knowledge and experience with students and mentees. Before joining Virginia Tech, Dr. Wang was a director of an M.A. program in managerial economics, focusing on big data, at the University of Oklahoma. He is an avid advocate for data-analytics teaching curriculum that underscores the importance of both experiential learning and interdisciplinary approach. His dedicated teaching approach and efforts have consistently earned him high ratings from his students. During his tenure at the University of New Hampshire, Dr. Wang was celebrated for his teaching excellence in the M.A. Economics program, winning the award for best teaching nearly every year. Partly in acknowledgment of his leadership in advancing and modernizing instruction, as well as his significant involvement of students in his research, he was honored with the Presidential Professorship at the University of Oklahoma.

Dr. Wang's work as the David M. Kohl Chair will continue to expand the boundaries of our understanding, from theoretical developments to the practical implications of econometric models for agribusiness and applied economics. Through his cutting-edge research, impactful teaching, and dedicated service, Dr. Wang embodies the esteemed values of this chair position, ensuring its legacy of academic excellence and leadership in the field.

RECOMMENDATION:

That Dr. Le Wang be appointed the David M. Kohl Chair for a 5-year term effective September 1, 2023, with a salary supplement provided by the endowment.

ENDOWED PROFESSORSHIP Robert E. Hord, Jr. Professor of Chemical Engineering

The Robert E. Hord, Jr. Professorship of Chemical Engineering was established by a generous gift from the late Robert E. Hord, Jr., a 1950 master of science graduate in power and fuel engineering. Mr. Hord was an enthusiastic supporter of Virginia Tech's chemical and mechanical engineering programs. The goal of the professorship is to acknowledge and reward faculty at the rank of professor in the Department of Chemical Engineering who have shown exceptional merit in research, teaching, and/or service. The award may also be used to support senior faculty for the purpose of preemptive retention.

Dean Julia Ross and the college honorifics committee have nominated Dr. William Ducker as the Robert E. Hord Jr. Professor of Chemical Engineering for a five-year term. Since coming to Virginia Tech in 2008, Dr. Ducker has an external funding of \$12.1M. He has advised 8 M.S. students and 22 Ph.D. students to completion, four of whom have become university professors. As of June 14, 2023, Dr. Ducker has published 147 peer-reviewed papers. Over the years, Dr. Ducker has had an admirable 14,257 Google Scholar citations. According to the written evaluations by five globally recognized scholars in colloid and surface science from the U.S., Asia and Europe, Dr. Ducker has made a number of game-changing and high-impact contributions to the fields of colloid and surface science.

In two papers published in the premier journals, *Nature* (1991) and *Langmuir* (1992), cited 4004 times as of June 14, 2023, Dr. Ducker creatively modified the atomic force microscopy (AFM) to measure forces that control the behavior of colloid suspensions. Dr. Bob Tilton, Chevron Professor of Chemical Engineering at Carnegie-Mellon University, wrote: "This development profoundly altered the field. It yielded many discoveries that tested theoretically predicted forces and revealed detailed information about the different kinds of forces that controlled a variety of colloid suspensions". This development enabled new and refined technologies and commercial products across a range of industries.

Dr. Hans-Jürgen Butt, director of the Max Planck Institute for Polymer Research, Germany, wrote: "William Ducker has carried out outstanding and lasting contributions in the fields of colloid and surface chemistry, surface forces and organization, bacterial adhesion and antimicrobial coatings, and atomic force microscopy. William Ducker is one of the internationally leading scientists in colloid and interface science and chemical engineering. To me, there is no doubt that he deserves the Robert E. Hord Jr. Professorship".

Dr. Ducker has actively served the university in several capacities, including as a member of the faculty senate, interim department head, and chair of the graduate committee, among others. Dr. Bob Tilton writes: "I will conclude by noting William's outstanding service to the colloid and surface science community as Chair of the American Chemical Society (ACS) Division of Colloid and Surface Chemistry. In this role, as in his research, Dr. Ducker has demonstrated great leadership and has conducted himself with the highest standards of professional integrity".

RECOMMENDATION:

That Dr. William Ducker be appointed to the Robert E. Hord, Jr. Professor of Chemical Engineering effective August 10, 2023 for a renewable period of five years, with a salary supplement and operating budget as provided by the endowment.

ENDOWED PROFESSORSHIP David H. Burrows Professorship of Construction Engineering

Dean Julia Ross has nominated Dr. Michael J. Garvin for appointment to hold the David H. Burrows Professorship of Construction Engineering in the Via Department of Civil and Environmental Engineering (CEE). The nomination is likewise recommended by the Honorifics Committee of the CEE Department as well as by CEE department head, Dr. Mark A. Widdowson. This professorship is funded through the endowment established in 1986 by Mr. David H. Burrows.

Dr. Garvin has served on the Virginia Tech faculty since 2005 and is a professor in the CEE Department and a principal faculty member in the Myers-Lawson School of Construction. He is a strong contributor to the instruction of undergraduate and graduate students in the field of construction engineering management at Virginia Tech and provides admirable service contributions to his profession and the department, college, and university. Dr. Garvin has over 30 years of experience as a professor of civil engineering, consultant, practicing civil engineer in the field of construction, and Army officer who served in an engineer combat battalion in the first Gulf War. Dr. Garvin is a nationally and internationally recognized expert in alternative project delivery methods, particularly public-private partnerships (P3s). Since 2014, he has served as the program coordinator for the CEE Vecellio Construction Engineering Management Program with oversight of the prestigious Vecellio Lecture and scholarship program. Dr. Garvin currently serves as the director of the eastern region of the Build America Center. Among his more notable accomplishments, Dr. Garvin was recently elected to the National Academy of Construction.

Dr. Garvin has published over 100 peer-reviewed papers, books, and book chapters with an h-index of 27, and his work has received over 3,100 citations. He has directed or codirected over \$6.5M of external research funding with a person share of over \$2.0M. Dr. Garvin has advised or co-advised 16 Ph.D. students and 25 M.S. students with thesis or project and report to completion.

Dr. Garvin has made outstanding contributions in scholarship, research, instruction, mentoring, and service that benefit Virginia Tech, the Commonwealth of Virginia, the nation, and the world. His numerous contributions in these areas have improved the visibility and reputation of Virginia Tech.

RECOMMENDATION:

That Dr. Michael J. Garvin be appointed as the Burrows Professor of Construction Engineering for a period of five years, effective August 10, 2023, with a salary supplement and annual operating budget as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP Preston and Catharine White Fellowship

The Preston and Catharine White endowment for the Myers-Lawson School of Construction was established with a generous gift from Catharine and Preston White. The endowment's ultimate purpose is to assist in the funding of Hitt Hall. As an interim use, the donors have requested the available funds be used to fund a professorship for the director of the School, or if the director cannot be awarded a professorship because he or she already possesses a professorship, then the associate and/or assistant directors of the School shall be named Preston and Catharine White Fellows. Dean Ross has nominated Dr. Josh Iorio as a Preston and Catharine White Fellow based on the recommendations of the Myers-Lawson School of Construction and the College of Engineering Honorifics Committee.

Dr. lorio serves as assistant director of the Myers-Lawson School of Construction. In addition, he oversees human resources of the School and leads diversity, equity and inclusion and mentoring programs.

RECOMMENDATION:

That Dr. Josh Iorio be appointed as a Preston and Catharine White Fellow for a period of one year, effective August 10, 2023, with a salary supplement and operating budget as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP Preston and Catharine White Fellowship

The Preston and Catharine White endowment for the Myers-Lawson School of Construction was established with a generous gift from Catharine and Preston White. The endowment's ultimate purpose is to assist in the funding of Hitt Hall. As an interim use, the donors have requested the available funds be used to fund a professorship for the director of the School, or if the director cannot be awarded a professorship because he or she already possesses a professorship, then the associate and/or assistant directors of the School shall be named Preston and Catharine White Fellows. Dean Ross has nominated Ashley Johnson, MBA, as a Preston and Catharine White Fellows, based on the recommendations of the Myers-Lawson School of Construction and the Honorifics Committee.

Ms. Johnson serves as associate director of the Myers-Lawson School of Construction. In addition, she oversees academics of the School and serves as chair of the construction engineering and management degree program.

RECOMMENDATION:

That Ashley Johnson be appointed as a Preston and Catharine White Fellow for a period of one year, effective August 10, 2023, with a salary supplement and operating budget as provided by the endowment.

ENDOWED PROFESSORSHIP Charles E. Via, Jr Professorship

Dean Julia Ross has nominated Dr. Roberto T. Leon for appointment to hold the second Charles E. Via, Jr Professorship in the Via Department of Civil and Environmental Engineering (CEE). The nomination is likewise recommended by the Honorifics Committee of the CEE Department as well as by CEE Department Head, Dr. Mark A. Widdowson. This professorship is funded through the endowment established in 1987 by Mrs. Marion Via Bradley and subsequently supplemented by the Via family.

Dr. Leon is a multi-talented, nationally and internationally recognized faculty member who brings a number of significant strengths in his research, teaching, and service to Virginia Tech. He is acknowledged to be one of the leading researchers in the world in the field of steel-concrete composite structures and seismic design and performance of new and existing steel and composite structures. His work has beneficially impacted numerous national and international design codes. Dr. Leon has published over 200 peer-reviewed papers, books and book chapters and his work has received over 7,000 citations. he has directed or co-directed nearly \$7M of external research funding at Georgia Tech, the University of Minnesota, and Virginia Tech. Additionally, he has been part of large, multidisciplinary teams that have collectively conducted over \$120M in research. Dr. Leon has advised or co-advised to completion 35 Ph.D. students, 48 M.S. students and over 20 undergraduate research students.

Dr. Leon has received notable recognition for his many contributions to the civil engineering profession and scholarly achievements. His most recent awards include the Beedle Award from the Structural Stability Research Council, the Geerhard Haaijer Award for Excellence in Education from the American Institute of Steel Construction (AISC), and the Lifetime Achievement Award from AISC. Dr. Leon's contributions were also recognized by his election to Distinguished Member of the American Society of Civil Engineers in 2015, the highest recognition the profession confers.

Dr. Leon is a true leader in his field and clearly understands the importance of service and has exhibited our motto of *Ut Prosim* for many years. Dr. Leon has improved the notoriety of Virginia Tech and his contributions have significantly benefited society.

RECOMMENDATION:

That Dr. Roberto T. Leon be appointed as the Charles E. Via, Jr. Professor for a period of 5 years, effective August 10, 2023, with a salary supplement and annual operating budget as provided by the endowment.

ENDOWED PROFESSORSHIP L. Preston Wade Endowed Professorship in Engineering

The L. Preston Wade Endowed Professorship in Engineering was established with a generous gift from L. Preston Wade. The creation of this professorship enables Virginia Tech to retain our most talented faculty. Dean Ross has nominated Dr. Robin Queen for appointment as the L. Preston Wade Professor of Engineering, based on the recommendations of the Department Head of Biomedical Engineering and Mechanics (BEAM) and the BEAM Honorifics Committee.

Dr. Queen has excelled at scholarship, mentorship, service, and outreach at Virginia Tech as demonstrated by her 147 peer-reviewed articles and 3 book chapters resulting in in an h-index of 48 (over 6,680 citations), as well as \$9.4M in external funding.

Dr. Queen's research has impacted our understanding of how joint implants work and are most effectively deployed and has changed our understanding of the benefits and limitations of surgical interventions. These translational approaches have revealed truths about human joint biomechanics, injury patterns, and race and gender effects, particularly in limb biomechanics in sports injury and osteoarthritis. Dr. Queen has advised 13 M.S. students, seven Ph.D. students, and seven Virginia Tech Carilion School of Medicine (VTCSOM) students. Currently, she directs the work of five Ph.D./MS students, five VTCSOM students, and one postdoctoral associate. More than half of any student cohort included underrepresented members of our community, and she has built bridges to HBCU institutions to formalize and expand pipelines to support underrepresented students and faculty.

Dr. Queen, through her scholarship and service in the field of Biomedical Engineering, has made outstanding contributions to Virginia Tech, to the Commonwealth of Virginia, and to the nation by her innovative research methods, her service and outreach to the community, and through her publications.

RECOMMENDATION:

Dr. Queen be appointed as the L. Preston Wade Professor of Engineering for a renewable period of 5 years, effective August 10, 2023, with a salary supplement and operating budget as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP Preston and Catharine White Fellowship

The Preston and Catharine White endowment for the Myers-Lawson School of Construction was established with a generous gift from Catharine and Preston White. The endowment's ultimate purpose is to assist in the funding of Hitt Hall. As an interim use, the donors have requested the available funds be used to fund a professorship for the director of the School, or if the director cannot be awarded a professorship because he or she already possesses a professorship, then the associate and/or assistant directors of the School shall be named Preston and Catharine White Fellows. Dean Ross has nominated Dr. Georg Reichard as a Preston and Catharine White Fellow based on the recommendations of the Myers-Lawson School of Construction and the College of Engineering Honorifics Committee.

Dr. Reichard serves as Associate Director of the Myers-Lawson School of Construction. In addition, he oversees operations of the School and serves as chair of the building construction degree program.

RECOMMENDATION:

That Dr. Georg Reichard be appointed as a Preston and Catharine White Fellow for a period of one year, effective August 10, 2023, with a salary supplement and operating budget as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP Mary Virginia Jones Faculty Fellowship in Mechanical Engineering

In 2021, the Mary Virginia Jones Faculty Fellowship in Mechanical Engineering endowment was established to acknowledge and reward faculty who have shown exceptional merit in research, teaching, and/or service. Ms. Jones earned her Bachelor of Science degree in Mechanical Engineering from Virginia Tech in 1962. She began her professional career as a structural engineer for Atlantic Research Corporation (later part of Aerojet Rocketdyne), which developed rocket propulsion systems. Ms. Jones was recognized as an expert in solid propellant rocket motor design and was ARC's chief design engineer overseeing development of motors for the MLRS (multiple launch rocket system), the Stinger Missile, and the Tomahawk Booster. She served as the Executive Director of Engineering for Aerojet. Ms. Jones was a charter member of the Department of Mechanical Engineering Advisory Board, as well as the advisory board for the College of Engineering (COE).

In concurrence with recommendations of the Mechanical Engineering honorifics committee and Mechanical Engineering (ME) Department Head, Professor Azim Eskandarian, Dean Julie Ross nominate Dr. Shima Shahab as the Mary Virginia Jones Faculty Fellow in Mechanical Engineering.

Dr. Shahab has demonstrated an exemplary passion for teaching and research. She founded the Multiphysics Intelligent and Dynamical Systems Laboratory (MInDS) that has grown rapidly and gained recognition within and outside of Virginia Tech, resulting in \$3.8M of funding including an National Science Foundation (NSF) CAREER and NSF EAGER award. Dr. Shahab's research group has grown to a dynamic and innovative team of multiple post-doctoral researchers, graduate students most of whom are Ph.D. candidates, and undergraduates, with more than 60 publications in some of the highest impact conferences and journals. Dr. Shahab's expertise includes a combination of smart structures and dynamical systems that address cutting-edge research problems including contactless ultrasound power transfer systems, acoustic holograms for revolutionary ultrasound treatments, nonlinear acoustic materials, and ultrasound-responsive polymeric systems, among others. She brings to the ME Department and COE an interdisciplinary background and skillset across the boundaries of ultrasonic responsive intelligent material devices.

RECOMMENDATION:

That Dr. Shima Shahab be appointed as the Mary Virginia Jones Fellow in Mechanical Engineering, effective August 10, 2023 for a non-renewable period of five years, with an annual operating budget for scholarship activities as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP

Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship

The Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship was established in 2019 with a generous donation from its namesakes to enhance the national and international prominence of the Virginia Tech College of Science. Mr. Roger H. Moore, Class of 1964, who earned his bachelor's degree in general science at Virginia Tech, established this fellowship with his wife to recognize faculty dedicated to extraordinary research and teaching, to recruit scholars with exceptional records of achievement, and/or to retain high-performing faculty members who make significant contributions to the university's research efforts and beyond. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin T. Pitts, dean of the College of Science, has nominated Dr. Edwin Barnes, professor of physics, to hold one of these fellowships.

Dr. Barnes joined the Department of Physics in 2015 as an assistant professor and ascended through the academic ranks to professor in 2022. He was previously a postdoctoral associate at the University of Virginia and University of Maryland and a senior research associate at the University of Maryland. He earned his Ph.D. in Physics from University of California, San Diego in 2006.

Dr. Barnes' research is focused on theoretical quantum information science, which is of enormous current interest worldwide due to the technological revolution it can enable in communications and computing, including the solution of problems that are intractable with classical computers. He leads an active research group of 11 graduate students and nine postdoctoral fellows. He has been a key faculty member in the creation of the Virginia Tech Center for Quantum Information Science and Engineering, and he has been very active in developing quantum information science and engineering education programs at Virginia Tech.

Dr. Barnes' scholarship record is exceptional, with 110 publications in peer reviewed journals and 60 invited or keynote presentations at professional conferences. His publications have garnered over 4,500 citations in his career to date. His research expertise has been recognized with substantial funding. Since coming to Virginia Tech, he has been principal investigator (PI) or co-PI on 18 grants with a personal share exceeding \$5.0M from a variety of agencies including the National Science Foundation (NSF), Department of Energy, Army Research Office, Office of Naval Research, and the Defense Advanced Projects Research Agency. In 2019, he was the recipient of a prestigious NSF CAREER Award.

RECOMMENDATION:

That Dr. Edwin Barnes be appointed as a Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP Data Science Faculty Fellowships

The Data Science Faculty Fellowships were established by the College of Science in 2021 with a generous donation to enhance the national and international prominence of the study and teaching of data science at Virginia Tech. The fellowships were established to recognize faculty dedicated to extraordinary research and/or teaching, to recruit scholars with exceptional records of achievement, and/or to retain high-performing faculty members with scholarly focus on data science and/or the application of data science within and across disciplines. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Anne M. Brown, associate professor and an associate director within the University Libraries, to hold one of these fellowships.

Dr. Brown joined the University Libraries in 2016 as an assistant professor and was promoted to associate professor in 2023. She earned her Ph.D. in Biochemistry from Virginia Tech in 2016 and has continued to focus her research and teaching in the applied data science domain, with an emphasis on biomedical and life sciences.

Dr. Brown is an associate director within the University Libraries Data Science Division and leads two internationally recognized research programs, Brown Lab and DataBridge. She is an affiliate faculty member in the Department of Biochemistry and the Academy of Integrated Science. Dr. Brown designs and teaches computational and data-centric life science courses for biochemistry, computational modeling and data analytics, and undergraduate research. She is strongly committed to mentoring student research, having advised 3 Ph.D. and 5 M.S. students and 113 undergraduate students in her years at Virginia Tech. Dr. Brown has been internationally recognized by the Council of Undergraduate Research with an Outstanding Research Mentor award.

Dr. Brown's scholarship record is strong, with close to 50 publications in leading research journals. She has published five book chapters and is working on her first edited collection on inclusive excellence in STEM. She has presented at over 30 conferences and was recently the keynote speaker at the Rocky Mountain Advanced Computing Consortium annual conference. She is on the editorial board for *Archive of Biochemistry* and *Biophysics*.

Dr. Brown's research expertise has been recognized with funding from the highest levels. In 2022 she became the recipient of a prestigious National Science Foundation (NSF) CAREER Award and has retained over \$2.1M in research funding, from internal sources as well as external sources including the NSF, Commonwealth Cyber Initiative, the Virginia Catalyst program, and the U.S. Department of Agriculture.

RECOMMENDATION:

That Dr. Anne M. Brown be appointed as a Data Science Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP Patricia Caldwell Dean's Faculty Fellowships

The Patricia Caldwell Dean's Faculty Fellowships were established in 2019 with a generous donation from its namesake to enhance the national and international prominence of the College of Science. Patricia Caldwell, who earned her bachelor's degree in mathematics, established this fellowship to recognize faculty dedicated to extraordinary research, to recruit scholars with exceptional records of achievement, and/or to retain high-performing faculty members in any discipline or transdisciplinary area within the college. A recipient will hold the fellowship for a period of three years with possible renewal.

Dr. Kevin T. Pitts, Dean of the College of Science, has nominated Dr. Pearl H. Chiu, professor in the Department of Psychology, in the Fralin Biomedical Research Institute at VTC, and in the Department of Psychiatry and Behavioral Sciences at Virginia Tech Carilion School of Medicine, to hold one of these fellowships.

Dr. Chiu, who joined Virginia Tech in 2010 as an assistant professor, ascended through the faculty ranks with promotion to professor in 2023. She previously spent four years at Baylor College of Medicine Department of Neuroscience, first as a research associate and then as assistant professor. She earned her Ph.D. in Psychology (Clinical Science) from Harvard University in 2006.

Dr. Chiu is an international leader in computational psychiatry, studying fundamental questions regarding the brain mechanisms of decision making in clinical disorders, including depression and addiction. Her work has revealed mechanistic insights into how choices are made, specifically in conditions in which decisions may be altered by disease.

Dr. Chiu's scholarly record is exceptionally strong, with over 30 publications in leading research journals and close to 100 presentations at professional conferences, many of which were invited keynotes. Her research is featured in leading journals, such as *Proceedings of the National Academy of Science and Nature Neuroscience*, and she has routinely appeared on major news outlets such as NPR. Chiu is an excellent mentor and departmental colleague, receiving an outstanding mentoring award in 2022.

Dr. Chiu's research has been supported by numerous grants, with a near tripling of funding after her promotion to associate professor. She currently holds four active awards from the National Institutes of Health and is the co-PI on two additional grants. She provides regular service to the field through grant review panels, and she has been actively involved in service to the Virginia Tech community.

RECOMMENDATION:

That Dr. Pearl Chiu be appointed as a Patricia Caldwell Dean's Faculty Fellow for a threeyear term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP College of Science Faculty Fellowships

The College of Science Faculty Fellowships were established in 2019 with support from alumni and friends of the college to enhance the national and international prominence of the Virginia Tech College of Science. These fellowships are intended to recognize faculty dedicated to extraordinary research and teaching, to recruit scholars with exceptional records of achievement, and/or retain high-performing faculty members who make significant contributions to the university's research efforts and beyond. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Daniela Cimini, professor in the Department of Biological Sciences, to hold one of these fellowships.

Dr. Cimini joined the Department of Biological Sciences in 2005 as an assistant professor and was promoted to associate professor in 2012 and to professor in 2017. She earned her Ph.D. in Genetics and Molecular Biology from the University of Rome in 2001 and conducted postdoctoral research at the University of North Carolina, Chapel Hill from 2001-2005.

Dr. Cimini serves as associate head and graduate program director of the Department of Biological Sciences. Dr. Cimini has been instrumental in building the department's program in molecular biology and imaging. She currently teaches courses on cancer biology and cytogenetics. Notably, she has been strongly committed to mentoring undergraduate and graduate student research, having served as thesis advisor to 10 graduate students and nearly 50 undergraduate students in her research lab in her years at Virginia Tech.

Dr. Cimini's scholarship record is strong, with 66 publications in leading research journals and more than 60 invited or keynote presentations at professional conferences. She is a member of the editorial boards of the *Journal of Cell Biology, Oncotarget* and *PLoS ONE*.

Dr. Cimini's research expertise has been recognized with funding from the highest levels. She is currently PI on a \$1.4M National Institutes of Health (NIH) grant and has previously been funded by the NIH, the National Science Foundation and several private foundations. For her career, she has been co-investigator or principal investigator on grants totaling more than \$6.5M.

RECOMMENDATION:

That Dr. Daniela Cimini, be appointed as a College of Science Faculty Fellow for a threeyear term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP Luther and Alice Hamlett Junior Faculty Fellowship

The Luther and Alice Hamlett Junior Faculty Fellowships in the Academy of Integrated Sciences were established in the College of Science with a generous bequest from the estate of the late Dr. Luther J. Hamlett. Dr. Hamlett earned his bachelor's degree in biology as a 1945 graduate of Virginia Tech. These fellowships in his name provide support for outstanding faculty members who hold the rank of assistant or associate professor, and whose work supports the missions of the college's Academy of Integrated Science. A recipient shall hold the fellowship for a period of three years with one possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Satoru Emori, associate professor of physics, to hold one of these endowed fellowships.

Dr. Emori, who joined the Department of Physics in 2017 as an assistant professor, was promoted to associate professor in 2023. He previously spent a total of four years as a postdoctoral research associate at Northeastern University and Stanford University. He earned his Ph.D. in Materials Science and Engineering from the Massachusetts Institute of Technology in 2013.

Dr. Emori is a core faculty member of the Academy of Integrated Science's Nanoscience Division. He has taught and done curriculum development of both introductory and advanced courses in this division. In the post-pandemic years, he has been revamping the Introduction to Nanoscience course with new hands-on and group activities, which are intended to help students from diverse backgrounds build skills and confidence in problem solving. He is strongly committed to mentoring, having supervised 13 undergraduate students, six graduate students, and two postdoctoral fellows at VT.

Dr. Emori's scholarship record is strong, with 48 publications in leading research journals receiving more than 4,800 citations. He has had several articles chosen as Editor's Pick and Editor's Suggestion in these journals. He has had more than 30 invited or keynote presentations at professional conferences.

Dr. Emori's research expertise in the area of experimental condensed matter physics with a focus on magnetic materials has been recognized with funding from a variety of sources. He has received funding from the National Science Foundation and the Air Force Office of Scientific Research. In 2022, he was the recipient of a prestigious National Science Foundation (NSF) CAREER Award. In the university, he has been the recipient of an Institute for Critical Technology and Applied Science Junior Faculty Award and a College of Science Dean's Discovery Award.

RECOMMENDATION:

That Dr. Satoru Emori be appointed as a Luther and Alice Hamlett Junior Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP

Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship

The Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellowship was established in 2019 with a generous donation from its namesakes to enhance the national and international prominence of the Virginia Tech College of Science. Mr. Roger H. Moore, Class of 1964, who earned his bachelor's degree in general science at Virginia Tech, established this fellowship with his wife to recognize faculty dedicated to extraordinary research and teaching, to recruit scholars with exceptional records of achievement, and/or retain high-performing faculty members who make significant contributions to the university's research efforts and beyond. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Carla V. Finkielstein, associate professor of biological sciences, to hold one of these endowed fellowships.

Dr. Finkielstein, who joined the Department of Biological Sciences in 2005 as an assistant professor, was promoted to associate professor in 2011 and to professor in 2020. She previously spent seven years at the University of Colorado Health Sciences Center, with three years as a research associate at the Howard Hughes Medical Institute, then as a postdoctoral fellow with the School of Medicine for four years. She earned her Ph.D. in Biological Chemistry from the University of Buenos Aires in 1998.

Dr. Finkielstein currently serves as the associate division leader of the Academy of Integrated Science and the co-director of the Virginia Tech Cancer Research Alliance. She has been instrumental in establishing the new major in nanomedicine at Virginia Tech. Notably, she has been strongly committed to mentoring undergraduate and graduate research, having hosted 15 graduate students and more than 100 undergraduate students in her research lab in her years at Virginia Tech.

Dr. Finekielstein's scholarship record is strong, with 57 publications in leading research journals, ten book chapters, and more than 70 invited or keynote presentations. Her research is covered regularly by various news outlets. She is an editorial board member of the research journals *Scientific Reports* and *Frontiers in Physiology*.

Dr. Finkielstein's research expertise has been recognized with funding from the highest levels. From 2009 until 2014 she has been the recipient of a prestigious National Science Foundation (NSF) CAREER Award. Her funding record includes grants from NSF, National Institute of Health/National Cancer Institute and the American Heart Association.

RECOMMENDATION:

That Dr. Carla V. Finkielstein be appointed as a Roger H. Moore and Mojdeh Khatam-Moore Dean's Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP Patricia Caldwell Dean's Faculty Fellowships

The Patricia Caldwell Dean's Faculty Fellowships were established in 2019 with a generous donation from its namesake to enhance the national and international prominence of the College of Science. Patricia Caldwell, who earned her bachelor's degree in mathematics, established this fellowship to recognize faculty dedicated to extraordinary research, to recruit scholars with exceptional records of achievement, and/or to retain high-performing faculty members in any discipline or transdisciplinary area within the college. A recipient will hold the fellowship for a period of three years with possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Feng Guo, professor in the Department of Statistics, to hold one of these fellowships.

Dr. Guo currently serves as professor in the Department of Statistics and the Lead Data Scientist for Virginia Tech Transportation Institute (VTTI). He joined Virginia Tech in 2007 as an assistant professor, with promotion to associate professor in 2013 and to professor in 2019. He earned a Ph.D. in statistics and several years later a Ph.D. in transportation engineering, both from the University of Connecticut.

Dr. Guo is a recognized leader in transportation modeling at the national level. He has been involved with two committees for the Transportation Research Board of the National Academy of Sciences (NAS) and was on two panels for the National Research Council of the NAS. His transdisciplinary research has led to his appointment to editorial boards for top statistical, transportation and safety journals. Dr. Guo has also been a principal player in the planning of a new section of the American Statistical Association on Transportation.

Dr. Guo's scholarship record is exemplary. His research in transportation and related statistical methodology has led to over 100 publications including articles in top statistical journals as well as top scientific journals such as the *New England Journal of Medicine* and the *Proceedings of the National Academy of Science*. His 2014 *New England Journal* paper was noted as one of the top 100 most influential papers in scientific research. Evidence of the value of his research also extends to policy. His research results are cited in government regulatory rules of the National Highway Traffic Safety Administration (NHTSA) and the Federal Motor Carrier Safety Administration.

Dr. Guo's research expertise has been recognized with funding from the highest levels. In the 16 years that he has been at Virginia Tech, he has been on an astounding 64 research grants as principal investigator (PI) or Co-PI, resulting in over \$49M in funding. Funding for his research has come from a variety of sources including the health sciences organizations such as the National Institutes of Health and the Centers for Disease Control and Prevention, and transportation agencies such as the NHTSA and Federal Highway Administration.

RECOMMENDATION:

That Dr. Feng Guo be appointed as a Patricia Caldwell Dean's Faculty Fellow for a threeyear term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP Data Science Faculty Fellowships

The Data Science Faculty Fellowships were established by the College of Science in 2021 by a generous donation to enhance the national and international prominence of the study and teaching of data science at Virginia Tech. The fellowships were established to recognize faculty dedicated to extraordinary research and/or teaching, to recruit scholars with exceptional records of achievement, and/or to retain high-performing faculty members with scholarly focus on data science and/or the application of data science within and across disciplines. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin T. Pitts, Dean of the College of Science, has nominated Dr. Jorge (Ivan) Hernandez, assistant professor of psychology, to hold one of these fellowships.

Dr. Hernandez joined the Department of Psychology in 2018 as an assistant professor. Before joining our faculty, he was a postdoctoral fellow at Northwestern University for two years. He earned his Ph.D. in Social and Organizational Psychology from the University of Illinois at Urbana-Champaign in 2015.

Dr. Hernandez's scholarship record is strong with close to 50 publications in leading research journals, four book chapters, and more than 50 professional presentations. His research program is focused on developing novel methodologies to facilitate studying organizations and people and incorporates statistical modeling, machine learning, and natural language models. Dr. Hernandez develops tools and approaches to understand and predict human behavior in group settings and his work has been published in leading methodological and research journals. A highlight of his research program is the sustained provision of computer code and free open-source tools to facilitate research by other researchers and Ph.D. students. In addition to his strong publication record, his research has been supported by a current National Science Foundation grant and a second grant from the National Reconnaissance Organization.

Dr. Hernandez's role in shaping the future of data science and psychology is demonstrated in multiple ways. First, he has presented multiple master tutorials and invited workshops at professional conferences. Second, he received a fellowship with the Army Research Institute as an assistant professor. Third, he serves as an editorial board member of *Organizational Research Methods*.

Dr. Hernandez has taught multiple quantitative courses in the psychology department and his teaching is highly regarded. His ability to communicate complex statistical, machine learning, and coding languages to students is simply unequaled in our department. His course in the Behavioral Decision Science minor, Predicting Social Behavior, attracts students from almost every college in the university.

RECOMMENDATION:

That Dr. Jorge (Ivan) Hernandez be appointed a Data Science Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP William E. Hassinger, Jr. Senior Faculty Fellowship in Physics

The William E. Hassinger, Jr. Senior Faculty Fellowship in Physics was established in 2007 with a generous bequest from its namesake to enhance the national and international prominence of the Virginia Tech Department of Physics. Mr. Hassinger, who earned his bachelor's degree in physics as a 1950 graduate of Virginia Tech, established this fellowship to support the teaching and research of a tenured faculty member of the physics department. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin T. Pitts, Dean of the College of Science, has nominated Dr. Patrick Huber, professor of physics, to be the recipient of this fellowship.

Dr. Huber joined the Department of Physics in 2008 as an assistant professor and ascended through the academic ranks to professor in 2015. He served as chair of the physics department in 2015-16, became director of the Integrated Security Education and Research Center (ISERC) in 2017, and director of the Center for Neutrino Physics at Virginia Tech in 2018. He has more than 170 publications and has built a strong and impactful research program that has resulted in an h-index of 61 and a body of work with more than 17,000 citations.

Dr. Huber's research is focused on neutrino physics. Since joining Virginia Tech 15 years ago, he has helped to build a world-leading program in neutrino physics both in basic science and applications to global and national security. In 2010 he co-founded the Center for Neutrino Physics at Virginia Tech. He was a lead developer of the GLoBES software package which is the standard for computing the physics sensitivity of many large neutrino experiments. In 2011, he performed the, currently, most accurate calculation of the reactor antineutrino spectrum emitted by nuclear reactors in a single-authored publication that currently has over 1100 citations. He has been a member or leader of a large number of study and planning efforts in the neutrino community, including his current service on the Particle Physics Project Prioritization Panel (P5), setting the research and budget priorities for the field in the U.S. for the next decade.

Dr. Huber's research expertise has been recognized with substantial funding. Since coming to Virginia Tech, he has obtained more than \$2.8Min direct federal funding. He is the recipient of multiple awards, including the Fermilab Distinguished Scholar in 2016, the Breakthrough Prize in Fundamental Physics in 2016, Early Career Research Award of the U.S. Department of Energy Office of High Energy Physics in 2010, and selection as a Fellow of the American Physical Society in 2019.

RECOMMENDATION:

That Patrick Huber, Ph.D. be appointed as the Hassinger Senior Fellow of Physics for a three-year term, effective August 10, 2023, with operating support as provided by the endowment.

ENDOWED FACULTY FELLOWSHIP College of Science Faculty Fellowships

The College of Science Faculty Fellowships were established in 2019 with support from alumni and friends of the college to enhance the national and international prominence of the Virginia Tech College of Science. These fellowships are intended to recognize faculty dedicated to extraordinary research and teaching, to recruit scholars with exceptional records of achievement, and/or retain high-performing faculty members who make significant contributions to the university's research efforts and beyond. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin T. Pitts, Dean of the College of Science, has nominated Dr. Brooks Casas, professor in psychology, in the Fralin Biomedical Research Institute at VTC, and in the Department of Psychiatry and Behavioral Sciences, Virginia Tech Carilion School of Medicine, to hold one of these fellowships.

Dr. Casas, who joined Virginia Tech in 2010 as an assistant professor, was promoted to professor in 2023. He was previously an assistant professor at Baylor College of Medicine Department of Neuroscience and Menninger Department of Psychiatry and Behavioral Sciences. He earned his Ph.D. in psychology from Harvard University in 2005.

Dr. Brooks Casas is a computational neuroscientist with expertise in quantifying neural mechanisms underlying value-based decision-making, using methods of decision neuroscience, behavioral economics, functional brain imaging and social psychology. His work is at the forefront of the emerging field of computational psychiatry, which is set to be a predominant area of applied cognitive science and neuroscience.

Dr. Casas's scholarly record is exceptional, with over 70 publications in leading research journals and over 150 presentations at professional conferences, many of which were invited keynotes. His research is featured in leading journals. In 2013 the innovative nature of his work was recognized when he was selected as a Kavli Frontier in Science Fellow. Casas is an excellent mentor and departmental colleague, also receiving an outstanding mentoring award in 2022.

Dr. Casas's research has been supported by numerous grants. He currently holds five large federal grants from the National Institutes of Health and Department of Veterans Affairs, and he is a co-principal investigator on three others. He provides regular service to the field through grant review panels, and as a Hispanic scientist, he actively seeks to enhance diversity of the field by supporting trainees from underrepresented backgrounds.

RECOMMENDATION:

That Dr. Brooks Casas be appointed as a College of Science Faculty Fellow for a threeyear term, effective August 10, 2023, with operating support as provided by the fellowship.

ENDOWED FACULTY FELLOWSHIP College of Science Faculty Fellowships

The College of Science Faculty Fellowships were established in 2019 with support from alumni and friends of the college to enhance the national and international prominence of the Virginia Tech College of Science. These fellowships are intended to recognize faculty dedicated to extraordinary research and teaching, to recruit scholars with exceptional records of achievement, and/or retain high-performing faculty members who make significant contributions to the university's research efforts and beyond. A recipient shall hold the fellowship for a period of three years with possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Liwu Li, Professor of Biological Sciences, to hold one of these fellowships.

Dr. Li joined the Department of Biological Sciences in 2005 as a tenured associate professor and was promoted to professor in 2009. Since 2012, Dr. Li has also been a tenured faculty member in the Department of Internal Medicine at the VT-Carilion School of Medicine. Dr. Li earned his Ph.D. in Cell and Molecular Biology from the University of Michigan in 1996 and stayed on for a 3-year postdoc before starting his appointment at Virginia Tech.

Dr. Li serves as the Director of the Interdepartmental Graduate Program in Genetics, Biotechnology & Computational Biology (GBCB) at VT and has been active in the Inflammation Research Association, a national non-profit organization, serving as secretary (2012-2014), treasurer (2014-2016), vice-president (2016-2018) and president (2018-2020). Dr. Li has taught Immunology, General Microbiology and Inflammation Biology and a variety of special topics courses. He has also provided mentored research opportunities to more than 25 graduate students, 14 postdocs/other senior research personnel, and more than 50 undergraduate students. Dr. Li was recognized with the department's Outstanding Teaching Award in 2015 and the department's Outstanding Service Award in 2014.

Dr. Li's scholarship record is exceptionally strong, with more than 150 publications in leading research journals and over 100 invited or keynote presentations at professional conferences. He currently serves as principal investigator on two National Institutes of Health (NIH) grants and has been continuously funded by the NIH since 2002, with total award amounts in excess of \$10M. Dr. Li is a member of the editorial boards of several prominent journals and is a standing member of the NIH study section on atherosclerosis and vascular biology. Dr. Li was recognized with the department's Outstanding Research Award in 2012 and 2016.

RECOMMENDATION:

That Dr. Liwu Li be appointed as a College of Science Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the fellowship and the eminent scholar match, if available.

ENDOWED FACULTY FELLOWSHIP Luther and Alice Hamlett Junior Faculty Fellowship

The Luther and Alice Hamlett Junior Faculty Fellowships in the Academy of Integrated Sciences were established in the College of Science with a generous bequest from the estate of the late Dr. Luther J. Hamlett. Dr. Hamlett earned his bachelor's degree in biology as a 1945 graduate of Virginia Tech. These fellowships in his name provide support for outstanding faculty members who hold the rank of assistant or associate professor, and whose work supports the missions of the college's Academy of Integrated Science. A recipient shall hold the fellowship for a period of three years with one possible renewal.

Dr. Kevin Pitts, Dean of the College of Science, has nominated Dr. Xin Xing, Assistant Professor of Statistics, to hold one of these endowed fellowships.

Dr. Xing joined the Department of Statistics in 2020 as an assistant professor. Prior to joining the department, he had a postdoctoral position at Harvard. He earned his Ph.D. in statistics from the University of Georgia in 2018. His dissertation focused on new statistical methods to analyze data from epigenomics, metagenomics and neuroimaging.

Dr. Xing is also affiliated with the Computational Modeling and Data Analytics (CMDA) program offered through the College of Science. Dr. Xing has been instrumental in expanding course offerings in the CMDA major and he developed and teaches a popular new class on deep learning.

Dr. Xing's scholarship record is strong for an early career faculty member, with over 20 publications published in or submitted to leading research journals. His current research focuses on two main areas: differential privacy and uncertainty quantification. Modern 5G phone technology enables faster data transformation and his research in phone technology involves development of methods for problems such as anomaly detection, traffic prediction and resource allocation for these 5G networks. His work on uncertainty assessment provides tools to evaluate and measure uncertainty in large scale data sets from genomics and finance. In addition to publications, Dr. Xing has also published software to evaluate parallelism in spatial or in temporal processes and software to aid analysis of metagenomic data.

Dr. Xing's research expertise has been recognized with funding from the National Science Foundation through an Algorithms for Threat Detection Grant. He has also received funding from NVIDIA, a world leader in artificial intelligence computing, to study accelerated data science. Dr. Xing is also a referee for journals in statistics, machine learning, bioinformatics, and genetics.

RECOMMENDATION:

That Dr. Xin Xing be appointed as a Luther and Alice Hamlett Junior Faculty Fellow for a three-year term, effective August 10, 2023, with operating support as provided by the endowment.

ENDOWED PROFESSORSHIP John E. Peterson, Jr. Endowed Professorship in Accounting

The John E. Peterson, Jr. Endowed Professorship in Accounting was established in 1990 to provide support for the Pamplin College of Business at Virginia Tech. The Accounting and Information Systems Department has recommended that the professorship be awarded to Dr. Jennifer Joe. The departmental Honorifics Committee and the College Honorifics and Awards Committee endorsed this nomination as did Interim Dean Roberta (Robin) Russell.

Dr. Jennifer Joe will be joining the Accounting and Information Systems Department in Fall 2023, after serving as the Whitney Family Professor of Accounting at the University of Delaware. She received her Ph.D. in Accounting from the University of Pittsburgh in 1999.

Dr. Joe's research record has been outstanding, with 11 articles published in the Pamplin elite journal list to date. She specializes in studying the role of auditors using experimental and behavioral methods. In the past three years alone, Dr. Joe has published five articles in elite journals, including *The Accounting Review*, *Journal of Accounting Research*, *Accounting Organizations and Society*, and *Contemporary Accounting Research*.

Dr. Joe is highly respected in the academic accounting community and has made significant contributions to the field. She has delivered speeches and presented her research at major universities. Dr. Joe holds editorial positions in elite journals and is the incoming editor-inchief of *The Accounting Review*, a highly regarded elite journal. Dr. Joe also contributes to advancing the practice of accounting. She is a member of the Public Company Accounting Oversight Board (PCAOB) Investor Advisory Group, and a member of the PCAOB Standards and Emerging Issues Advisory Group, making substantive contributions to the practice of accounting as well as research.

Dr. Joe has a sincere commitment to diversity and has engaged in various activities aimed at advancing opportunities for faculty and students from diverse backgrounds. She has received the Ph.D. Project Accounting Trailblazer Award, has served as the Chief Diversity Advocate at the Lerner College of Business and Economics and is currently the Cohen Family Director of Diversity at the University of Delaware. She was the plenary speaker of the 2020 American Accounting Association Diversity Section Conference and has been advisor to the student chapter of the National Association of Black Accountants for numerous years.

Dr. Joe has taught many of the key topics essential for the future of accounting education, including core auditing and financial reporting courses, but she has also taught current and developing specialty courses on data analytics, polices leading to wealth inequities, and corporate governance. Her experience in curriculum development and foresight into the future of accounting will serve the college well.

RECOMMENDATION:

That Dr. Jennifer Joe be appointed to the John E. Peterson, Jr. Endowed Professorship in Accounting, effective Fall 2023, with a salary supplement as provided by the endowment.

ENDOWED PROFESSORSHIP Strickler Professorship in Management

The Strickler Professorship was established by Charles O. Strickler, Class of 1961, in 1984 to provide support for the Pamplin College of Business at Virginia Tech. The Management Department has recommended that the professorship be awarded to Dr. Christopher O.L.H. Porter. The departmental Honorifics Committee and the College Honorifics and Awards Committee endorsed this nomination as did Interim Dean Roberta (Robin) Russell.

Dr. Porter will be joining the Management Department in Fall 2023, after serving as the OneAmerica Endowed Chair and Professor of Management at Indiana University. He received his Ph.D. from Michigan State University in 2001 and was a faculty member at Texas A&M University before joining Indiana University in 2012.

Dr. Porter's research expertise encompasses organizational justice, performance management and appraisal, turnover, teams, team leadership, and the work-nonwork interface. His research record in top management journals has been remarkable, with 13 papers published in Pamplin Elite journals and over 12,300 citations on Google Scholar. Additionally, he has held influential editorial roles at leading journals, including his current role as associate editor for the *Journal of Applied Psychology* and his previous role as associate editor for the *Journal of Management* from 2015 to 2020.

Dr. Porter has served on numerous dissertation committees and has published with Ph.D. students and students pursuing M.A. and undergraduate degrees, a remarkable and distinctive accomplishment. Additionally, he maintains a strong record of ongoing, close collaboration with his current and former students. Dr. Porter is a pioneer in the field, particularly in his research on the concept of backing-up behavior in teams. Furthermore, he contributes to the literature on team leadership and organizational justice, as well as research examining the roles of goal orientation and individual differences in teams and organizations.

RECOMMENDATION:

That Dr. Christopher O.L.H. Porter be appointed to the Strickler Professorship in Management, effective Fall 2023, with a salary supplement as provided by the endowment.