

SUMMARY

New Appointments to Endowed Chairs, Professorships, or Fellowships (4)

June 2, 2025

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 Engineering (3)

Niyousha Hosseinichimeh	Grado Early Career Faculty Fellowship in Industrial and Systems Engineering
Sol Lim	Grado Early Career Faculty Fellowship in Industrial and Systems Engineering
Michael Madigan	Grado Senior Faculty Fellowship in Industrial and Systems Engineering

College of Science (1)

Jungmeen Kim-Spoon	Heilig-Meyers Endowed Professorship in Psychology
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ENDOWED FACULTY FELLOWSHIP

Grado Early Career Faculty Fellowship in Industrial and Systems Engineering

The Grado Faculty Fellowships were established in 2022 by the Grado Department of Industrial and Systems Engineering (ISE) and are supported by the John Grado Industrial and Systems Engineering Excellence Fund endowment. These faculty fellowships enable the department to retain and attract outstanding faculty, contributing to the scholarly and research productivity of faculty in the department as well as to the department's external reputation. Dean Julia Ross has nominated Dr. Niyousha Hosseinichimeh to be appointed as the Grado Early Career Faculty Fellow, based on the recommendations of the ISE Department Head and ISE Review Committee.

Dr. Hosseinichimeh has published a total of 30 refereed journal papers and 18 refereed conference papers. Her work has been cited 1,123 times, with an h-index of 15. Notably, 48 percent of her total citations have occurred within the last two years. She has published extensively with her students, with half co-authored with students and more than 70 percent co-authored with students in more recent years. She has published in mainstream system dynamics journals as well as in application-focused journals. One of her 2024 journal papers led to an invitation to present this work as a plenary address at the 2024 International Systems Dynamics Conference.

Dr. Hosseinichimeh has secured total external research funding of \$6.28M, with a personal share of \$1.52M across seven external research projects. Her work has been funded from multiple federal agencies, including the Agency for Healthcare Research and Quality (AHRQ), U.S. Geological Survey(USGS), National Institutes of Health (NIH), and National Science Foundation (NSF), as well as by the Ohio State Department of Health, the Burroughs Wellcome Fund, and industry partner Dataline. She has served as co-principal investigator on several grants, but also as lead principal investigator on multiple grants, demonstrating her research leadership and the ability to build collaborations within Virginia Tech and with external partners, including a colleague at Children's National Hospital.

Dr. Hosseinichimeh has taught five different courses, including undergraduate electives, required graduate courses, and graduate electives. She developed a new graduate course focused on healthy policy modeling. She has taught online courses exclusively since she began. In fall 2024, she taught a large undergraduate elective course for the first time in a synchronous online course, and undertook a significant redesign of this course. Her overall mean Student Perceptions of Teaching (SPOT) rating is 5.60 out of 6.0, reflecting consistent excellence in teaching.

Dr. Hosseinichimeh has advised five Ph.D. students to completion and currently advises three additional Ph.D. students. Her doctoral graduates have secured positions in academia, government, and industry. She has also been successful in undergraduate advising, having advised undergraduate researchers and a capstone senior design team each year. Several of her students have received both internal and external recognition.

Dr. Hosseinichimeh serves as faculty advisor to the Women in ISE (WISE) group and has contributed to departmental and university service through her involvement on the InclusiveVT Committee since its inception. She has also served on the Graduate Policy Committee, Invited Seminar Series Committee, and Graduate Student Awards Committee, and on a faculty search committee.

Dr. Hosseinichimeh is a managing editor for *System Dynamics Review*, an invited position from all associate editors, and has previously served as a special issue editor for the journal. She was the Health Thread Chair for the International Systems Dynamics Conference for three years, managing approximately 80 papers annually. Dr. Hosseinichimeh was selected as the program chair for the 2025 conference. In addition to her editorial roles, she actively reviews for numerous journals and has also reviewed grant proposals for both the NSF and NIH.

RECOMMENDATION:

That Dr. Niyousha Hosseinichimeh be appointed to the Grado Early Career Faculty Fellowship in Industrial and Systems Engineering for a non-renewable period of two years, effective August 10, 2025, with an operating budget provided by the endowment.

June 3, 2025

ENDOWED FACULTY FELLOWSHIP

Grado Early Career Faculty Fellowship in Industrial and Systems Engineering

The Grado Faculty Fellowships were established in 2022 by the Grado Department of Industrial and Systems Engineering (ISE) and are supported by the John Grado Industrial and Systems Engineering Excellence Fund endowment. These faculty fellowships enable the department to retain and attract outstanding faculty, contributing to the scholarly and research productivity of faculty in the department as well as to the department's external reputation. Dean Julia Ross has nominated Dr. Sol Lim to be appointed as the Grado Early Career Faculty Fellow, based on the recommendations of the ISE Department Head and ISE Review Committee.

Dr. Lim has published a total of 16 journal papers, including ten since 2023, in leading Human Factors and domain-specific journals. She has also published 24 refereed conference papers. Her work has been cited 316 times, with 30percent of those citations occurring in 2024 alone, with an h-index of 6. She has delivered 24 invited presentations, most of which are invited seminars at other universities.

Dr. Lim's research has been supported by the National Science Foundation (NSF), the National Institute for Occupational Safety and Health (NIOSH), and multiple industry sponsors, including Ford and General Motors (GM), totaling \$3.18M in external funding with a personal share of \$1.26M. She has received 19 external grants, serving as principal investigator (PI) on 13 of them. Within the last two years, she submitted 17 external proposals representing \$1.8M in total requested funding and \$2.5M in personal share, including a number that were with collaborators at other universities. Of these, 12 were awarded, resulting in a 71 percent success rate.

Dr. Lim's teaching evaluations have consistently exceeded department and college averages, with an overall average mean rating of 5.23 out of 6. She significantly revised the curriculum in both graduate Human Factors Engineering (HFE) courses she teaches by integrating more experiential learning opportunities, including lab sessions, interactive activities, and real-world applications of wearable sensing systems. Her teaching has been recognized with the Outstanding ISE Graduate Instructor Award from Alpha Phi Mu, the ISE honor society, and she has twice received the Faculty of the Year Award (2023 and 2024) from the ISE Human Factors and Ergonomics Society (HFES) student chapter for exemplary teaching and mentoring. Both of these are awards solely selected by students.

Dr. Lim is currently advising four Ph.D. students and two M.S. thesis students, having previously graduated two M.S. thesis students, one of whom is now pursuing a Ph.D. under her guidance. All four of her current Ph.D. students have published at least one journal paper and in total, they have produced 22 peer-reviewed publications. Three of her Ph.D. students have received national recognition, including best paper or poster awards, and one was named the Outstanding ISE Ph.D. Student in 2024. She has also advised six undergraduate researchers and currently serves as a member on 18 graduate advisory committees.

Dr. Lim has served on the ISE Invited Seminar Series Committee and the ISE Honors and Awards Committee. She is a member of the editorial board for one journal and was lead guest editor twice for other journals. She is an active reviewer for seven journals and has served on grant review panels for National Institutes for Health (NIH), the NSF, and the NIOSH. She also served as a newsletter editor for the HFES Occupational Ergonomics Technical Group and has chaired multiple sessions at the HFES annual conferences.

RECOMMENDATION:

That Dr. Sol Lim be appointed to the Grado Early Career Faculty Fellowship in Industrial and Systems Engineering for a non-renewable period of two years, effective August 10, 2025, with an operating budget provided by the endowment.

June 3, 2025

ENDOWED FACULTY FELLOWSHIP

Grado Senior Faculty Fellowship in Industrial and Systems Engineering

The Grado Faculty Fellowships were established in 2022 by the Grado Department of Industrial and Systems Engineering (ISE) and are supported by the John Grado Industrial and Systems Engineering Excellence Fund endowment. These faculty fellowships enable the department to retain and attract outstanding faculty, contributing to the scholarly and research productivity of faculty in the department as well as to the department's external reputation. Dean Julia Ross has nominated Dr. Michael Madigan to be appointed as the Grado Senior Faculty Fellow, based on the recommendations of the ISE Department Head and ISE Review Committee.

Dr. Madigan has published 104 peer-reviewed journal papers and 142 conference abstracts over the course of his career. His work has been cited 5,241 times, with an h-index of 40 according to Google Scholar. In the last two years, he has published or had accepted 12 peer-reviewed journal papers, seven of which were co-authored with his students, and 13 conference abstracts, twelve of which are also co-authored with his students. Within the last two years, his work has been cited 735 times, and he has also given three invited talks during this time period.

Dr. Madigan has been awarded 22 externally funded research projects totaling \$10.6M, with a personal share of \$3.7M. His research has been sponsored by a number of federal agencies including the National Institutes of Health (NIH), National Science Foundation (NSF), National Institute for Occupational Safety and Health (NIOSH), Department of Defense (DOD), National Aeronautics and Space Administration (NASA), and Centers for Disease Control and Prevention (CDC), as well as by industry partners. In the past two years, he secured four externally funded projects from NSF, DOD, NIH, and NIOSH, representing \$1.6M in total funding and a personal share of \$1.0M. His achievements as a scholar and researcher led to him being named Fellow of the American Society of Biomechanics (ASB).

Dr. Madigan's has taught four courses since joining Virginia Tech in 2017, spanning both undergraduate and graduate levels, and including required and elective offerings. His average Student Perceptions of Teaching (SPOT) ratings across all sections is 5.4 out of 6.0. He has significantly revised two courses and completely overhauled one undergraduate elective by introducing nine hands-on lab activities that he developed to enhance experiential learning. In recognition of his teaching excellence, he has received two Certificates of Teaching Excellence and the Dean's Award for Excellence in Teaching from the College of Engineering. Within the last two years, he has taught his required undergraduate course four times during the spring semesters and twice online over the summer, maintaining an average SPOT rating of 5.4.

Dr. Madigan has advised 12 Ph.D. students and 22 M.S. thesis students to completion. Seven of his former students currently hold or have held faculty positions at academic institutions including the University of Portland, Harvard Medical School, Virginia Tech, the University of Florida, Clemson University, Tufts University, and the University of Denver. His former graduate students have received 37 awards or recognitions during

their time at Virginia Tech, with current and more recently graduated students receiving an additional five awards or recognitions. Within the last two years, he has advised one Ph.D. student and one M.S. student to completion, and is currently advising three Ph.D. students.

Dr. Madigan served two consecutive three-year terms as Chair of the ISE Promotion and Tenure Committee, which includes representing the department on the College of Engineering Promotion and Tenure Committee. He has also served on the Strategic Planning Committee, the Honorifics Committee, a search committee for the Research Accounting Manager, and as director of the United Parcel Service (UPS) Ph.D. Fellowship Program. Within the last two years, he completed his promotion and tenure responsibilities and is currently serving as faculty mentor to two ISE faculty members and chair of the Honorifics Committee. He has also filled in as a member of the Undergraduate Program Committee and as chair of the Undergraduate Student Awards Committee while colleagues were on study-research leave.

Dr. Madigan served as the editor-in-chief of *Journal of Applied Biomechanics* and as associate editor for *Journal of Biomechanics* and *Medicine & Science in Sports & Exercise*. He has held 14 roles related to conference organization and administration, served on six proposal review panels, completed 20 external promotion and tenure reviews, and contributed as an *ad hoc* reviewer for multiple journals. Within the last two years, he has served on the Slips, Trips, and Falls Technical Committee of the International Ergonomics Association, as a member of the American Society of Biomechanics (ASB) Council of Fellows, and on a grant review panel for the Veterans Administration.

RECOMMENDATION:

That Dr. Michael Madigan be appointed to the Grado Senior Faculty Fellowship in Industrial and Systems Engineering for a non-renewable period of two years, effective August 10, 2025, with an operating budget provided by the endowment.

June 3, 2025

ENDOWED PROFESSORSHIP
Heilig-Myers Endowed Professorship in Psychology

The Heilig-Meyers Endowed Professorship in Psychology was established to honor a professor in the Department of Psychology who has made outstanding contributions to psychological research with national and/or international prominence, the department's instructional mission at the undergraduate and graduate levels, and service and outreach activities that advance the department's mission. A recipient will hold the professorship for the duration of his or her appointment. Dr. Kevin T. Pitts, Dean of the College of Science, has nominated Dr. Jungmeen Kim-Spoon, professor in Psychology, to hold this professorship.

Dr. Kim-Spoon joined Virginia Tech in 2005 as an assistant professor and was promoted to professor in 2016. Dr. Kim-Spoon received her Ph.D. in 1998 from the University of Virginia. Prior to joining Virginia Tech, she was a postdoctoral associate at the Bronfenbrenner Life Course Center at Cornell University and a research assistant professor at Mt. Hope Family Center at the University of Rochester.

Dr. Kim-Spoon is an international leader in developmental psychology, studying fundamental questions regarding adolescent behavior and psychopathology. She has led federally funded longitudinal studies examining how youth development unfolds in the critical adolescent years, analyzing the factors that contribute to outcomes, including what helps youth to be resilient as well as to experience risk. These studies have revealed several pathways that could be targeted in interventions to support healthy youth development.

Dr. Kim-Spoon's scholarly record is exceptionally strong. She received Virginia Tech's Alumni Award for Research Excellence in 2024. Her accomplishments include 131 papers published in peer-reviewed journals and invited book chapters, 199 presentations at scientific meetings, and an h-index of 47. Dr. Kim-Spoon is an excellent research mentor and a valued departmental colleague, and she serves as the Developmental Science Program Director.

Dr. Kim-Spoon's research has been supported by numerous grants, including \$15.7M as principal investigator (PI) on grant awards from the National Institutes of Health (NIH) and \$19M as a sub-contract PI or co-investigator on NIH awards. She provides regular service to the field through participation on grant review panels and has been actively involved in service to the Virginia Tech community.

RECOMMENDATION:

That Dr. Jungmeen Kim-Spoon be appointed to the Heilig-Meyers Endowed Professorship in Psychology for the rest of her tenure at Virginia Tech, with operating support as provided by the endowment.

June 3, 2025