



TO: Members of the Academic and Research Advancement Committee  
of the Board of Visitors

Toykea S. Jones, Chair  
Brian K. Holland, Vice Chair  
R, Bruce Bradley, *(ex-officio)*  
P. Murry Pitts *(ex-officio)*  
Dennis M. Ellmer  
Juan M. Montero, II  
Rick Wyatt  
David Burdige *(Faculty Representative)*

FROM: Augustine O. Agho  
Provost

Kenneth Fridley  
Interim Vice President for Research

DATE: November 21, 2023

The purpose of this memorandum is to provide you with background information for our meeting on Thursday, November 30, 2023. The meeting will be held in the Board Room of the Kate and John R. Broderick Dining Commons from 2:00-3:15 p.m.

I. Approval of Minutes of the September 14, 2023, Meeting

The minutes of the September 14, 2023, meeting will be presented for approval as previously distributed.

II. Motion to go into Closed Session

III. Closed Session

Office of the Provost and Vice President for Academic Affairs  
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The members of the Academic and Research Advancement Committee will receive information related to the items to be discussed in closed session.

IV. Reconvene in Open Session

V. FOIA Certification Motion and Roll-Call Vote on Motion

VI. Motion and Vote on Closed Session Resolutions

VII. Consent Agenda

Included in the consent agenda materials are resolutions recommending 6 faculty appointments and 3 emeriti appointments.

VIII. Motion and Vote on Consent Agenda Resolutions

IX. Regular Agenda

Included in the regular agenda material is the proposal for the Master of Arts in Teaching Degree Programs in Elementary Education and Secondary Education.

X. Motion and Vote on Regular Agenda Items

XI. Information Items

The report from the Provost will provide information on the Monarch Humanities Internship Academy.

In the report from Interim Vice President for Research, Dr. Kenneth Fridley will provide information on changes to the Carnegie Classifications for 2025.

The final information item is a presentation by Dr. Tom Allen, Professor of Geography, and Dr. Thomas Alberts, Professor of Mechanical and Aerospace Engineering and Interim Director, Institute of Autonomous and Connected Systems, on Taking Off with New Technologies: Drones and Autonomous Systems Research and Academic Developments.

C: President Brian O. Hemphill  
Ashley Schumaker  
Donna Meeks

OLD DOMINION UNIVERSITY  
BOARD OF VISITORS  
ACADEMIC AND RESEARCH ADVANCEMENT COMMITTEE  
NOVEMBER 30, 2023  
AGENDA

- I. CALL TO ORDER
- II. APPROVAL OF THE MINUTES OF SEPTEMBER 14, 2023
- III. MOTION TO GO INTO CLOSED SESSION
- IV. CLOSED SESSION AGENDA
- V. RECONVENE IN OPEN SESSION
- VI. FOIA CERTIFICATION MOTION AND ROLL-CALL VOTE ON MOTION
- VII. MOTION AND VOTE ON CLOSED SESSION RESOLUTIONS
- VIII. CONSENT AGENDA
  - A. Faculty Appointments
  - B. Emeritus/Emerita Appointments
- IX. MOTION AND VOTE ON CONSENT AGENDA RESOLUTIONS
- X. REGULAR AGENDA
  - A. Proposed Master of Arts in Teaching Degree Programs in Elementary Education and Secondary Education
- XI. MOTION AND VOTE ON REGULAR AGENDA RESOLUTION
- XII. INFORMATION ITEMS
  - A. Report from the Provost – Provost Austin Agho will provide information on the Monarch Humanities Internship Academy.
  - B. Report from the Vice President for Research – Interim Vice President Ken Fridley will provide information on changes to the Carnegie Classifications for 2025.
  - A. Report from the Provost – Dr. Tom Allen, Professor of Geography, and Dr. Thomas Alberts, Professor of Mechanical and Aerospace Engineering and Interim Director, Institute of Autonomous and Connected Systems, will give a presentation on Taking Off with New Technologies: Drones and Autonomous Systems Research and Academic Developments.

November 30, 2023

## FACULTY APPOINTMENTS

RESOLVED that, upon the recommendation of the Academic and Research Advancement Committee, the Board of Visitors approves the following faculty appointments.

<u>Name and Rank</u>	<u>Salary</u>	<u>Effective Date</u>	<u>Term</u>
Abbas Fakhari Post-Doctoral Research Associate Department of Mathematics and Statistics	\$60,000	11/10/23	12 Mos

Dr. Fakhari received a Ph.D. in Mechanical Engineering from the City College of New York, an M. Sc. in Mechanical Engineering from the University of Tehran, Iran, and a B.Sc. in Physics from Zanjan University, Iran. Previously he was Consultant and Research & Development Engineer at ANSYS.

Maryam Golbazi Research Assistant Professor Hampton Roads Biomedical Research Consortium	\$120,000	1/10/24	12 Mos
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Dr. Golbazi received a Ph.D. in Ocean Engineering from the University of Delaware, an M.S. in Civil & Environmental Engineering from the University of New Haven and a B.S. in Architectural Engineering from the University of Tabriz, Iran. Previously she was a Graduate Doctoral Fellow at the University of Delaware.

Santosh Kumar Nukavarapu Lecturer Department of Computer Science	\$65,000	12/25/23	10 Mos
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Dr. Nukavarapu received a Ph.D. in Computer Science from Virginia Commonwealth University, an M.S. in Computer Science from Old Dominion University, and a B. Tech. in Computer Science and Engineering from Jawaharial Nehru Technological University, India. Previously he was Principal Architect-AIOps, Betacom in Bellevue, Washington.

Isaura I.G. Simões Associate Professor Department of Biological Sciences	\$97,000	12/25/23	10 Mos
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Dr. Simões received a Ph.D. in Biochemistry, an M.Sc. in Cell Biology, and a B.Sc. in Biochemistry all from the University of Coimbra, Portugal. Previously she was an Assistant Investigator at the Center for Neuroscience and Cell Biology at the University of Coimbra.

Bikash Chandra Singh Research Assistant Professor School of Cybersecurity	\$80,000	9/25/23	10 Mos
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Dr. Singh received a Ph.D. in Computer Science from the University of Insubria, Italy, and an M.Sc. and B.Sc. in Information & Communication Engineering from Islamic University, Bangladesh. Previously he was a Postdoctoral Research Associate at VMASC, Old Dominion University.

Ismat Ullah Post-Doctoral Research Associate Frank Reidy Research Center for Bioelectrics	\$45,000	11/25/23	12 Mos
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Dr. Ullah received a Ph.D. in Materials Science from Huazhong University of Science and Technology, China, an M.Phil. in Applied Physics from Federal Urdu University of Arts, Science, and Technology, Pakistan, an M.Ed. and B.Ed. from Allama Iqbal Open University, Pakistan, and a B.S. in Physics from Bahauddin Zakariya University, Pakistan. Previously he was a Special Research Assistant at the Suzhou Institute of Nano-Tech and Nano-Bionics at the Chinese Academy of Sciences, China.

November 30, 2023

## EMERITUS/EMERITA APPOINTMENTS

RESOLVED that, upon the recommendation of the Academic and Research Advancement Committee, the Board of Visitors approves the title of emeritus/emerita for the following faculty members and faculty administrators. A summary of their accomplishments is included.

<u>Name and Rank</u>	<u>Effective Date</u>
Judy Bowman Assistant Vice President Emerita for Undergraduate Studies	January 1, 2024
David P. Swain University Professor Emeritus and Professor Emeritus of Kinesiology & Health Science	January 1, 2024
Charles E. Wilson, Jr. University Professor Emeritus, Professor Emeritus of English, and Dean Emeritus of the College of Arts and Letters	January 1, 2024

### JUDY BOWMAN

Judy Bowman joined Old Dominion University in 1982 as the Assistant to the Vice President for Academic Affairs. In 1997, she became the Assistant Vice President for Undergraduate Studies, a role she has held for more than 25 years. Prior to Old Dominion, Bowman was a government and geography teacher at Cradock High School and an advisor at Tidewater Community College. She received an A.B. in Government and an M.Ed. in Counseling from the College of William & Mary.

Bowman has made numerous contributions as the Assistant Vice President for Undergraduate Studies. Her coordination of the Undergraduate Catalog, familiarity with undergraduate policies and procedures, management of the course credit system, maintenance of the Teaching and Research Faculty Handbook, and coordination of high-level meetings, executive searches, and

numerous projects for the Provost's Office have helped to shape the entire institution. In addition to coordinating the development, implementation, and revision of academic and institutional policies, Bowman's leadership has been critical to help modernize course cataloging and scheduling practices. Colleagues, students, parents, and others have consistently applauded her for her professionalism, support, and generosity.

Bowman has been recognized with various honors and awards, including recognition by Conference USA and the University for outstanding contributions to the achievement of girls and women in sports, designation as an honorary alum by the ODU Alumni Association, selection as the Administrator of the Year at Old Dominion University, and receipt of the Old Dominion University Women's Caucus Award.

## DAVID SWAIN

David Swain received a Ph.D. in Physiology from the University of North Carolina Medical School and a B.A. in Biology from the University of South Florida. He joined Old Dominion University as an Associate Professor in 1993 and was promoted to the rank of full Professor in 2001.

Swain's scholarship is in the field of exercise physiology. He has significantly enhanced our understanding of the effects of exercise and in developing scientific guidelines for testing and prescribing exercise. Swain has published 63 articles in peer-reviewed journals, many in the top journals of his field, which have been cited more than 18,000 times (Google Scholar). His research has also resulted in more than 70 presentations at professional conferences, and he has secured \$2.1 million in external grants and contracts while at ODU. For the last three years he has been named to Stanford University's World Top 2% of Scientists (for career impact and separately for single-year impact).

Swain has also made significant contributions in teaching and service. He has taught many undergraduate and graduate students during the past 30 years, and with his designation of University Professor in 2006, he was recognized as an outstanding teacher. He has chaired both the Department of Human Movement Sciences and the Department of Science, Technology, Engineering and Math Education and Professional Studies, and has served on many committees and panels within and outside the University. Swain's accomplishments and contributions have been noted at ODU. He received the "Scholar Award" from the Darden College of Education in 1994, the "Rufus and Sarah Tonelson Faculty Award" in 1999, and the "Most Inspiring Faculty Award" from the Outstanding University Scholar in December 2008, and he was a University finalist for the SCHEV Outstanding Faculty Award in 2011.

## CHARLES WILSON

Charles E. Wilson, Jr., received a B.A. in English from West Georgia, an M.A. in English from North Carolina State University, and a Ph.D. in English from the University of Georgia. After his employment at Christopher Newport College (1988-1991), Wilson joined Old Dominion

University in 1991 as an Assistant Professor in the Department of English, achieving tenure and promotion to Associate Professor in 1995 and promotion to Professor in 2004. He was named University Professor in 2001.

Wilson held many roles during his time at ODU: Graduate Program Director for the M.A. in English (1997-2000), Chair of the English Department (2001-2004), Acting Associate Dean for Graduate Studies in the College of Arts and Letters (2005), Dean of University College and Vice Provost for Undergraduate Studies (2006-2010), Dean of the College of Arts and Letters (2010-2016), and Special Advisor to the Provost (2016-2018).

His teaching and research centered on both African American literature and Southern literature, in which fields he published three books Gloria Naylor: A Critical Companion (2001); Walter Mosley: A Critical Companion (2003); and Race and Racism in Literature (2005); and a host of articles and book chapters. He earned the Robert L. Stern Award for Excellence in Teaching (College of Arts and Letters, 1998) and the A. Rufus Tonelson Award for Teaching, Research, and Service (University, 2000). In addition, Wilson was awarded the famed Outstanding Faculty Award, presented by the State Council of Higher Education for Virginia (SCHEV) in 2004. As well, he was named a Fellow by the American Council on Education in 2005-2006. And in recognition of his dedication to the mission of Old Dominion University, Wilson was named in 2006 an Honorary Alumnus by the ODU Alumni Board.

In addition to mentoring scores of students, Wilson always honored requests to speak to community groups, whether at public libraries, retirement homes, or public schools. He was especially fond of obliging speaking requests from former students/now teachers. Regardless of his role at ODU, his focus was always on the students and their lifelong development. In 2014, Wilson established the Charles Edgar Wilson, Jr., Scholarship Endowment, with funds now in excess of \$100,000.



November 30, 2023

APPROVAL OF MASTER OF ARTS IN TEACHING DEGREE PROGRAMS IN  
ELEMENTARY EDUCATION AND SECONDARY EDUCATION

RESOLVED that, upon the recommendation of the Academic and Research Advancement Committee, the Board of Visitors approves the proposed Master of Arts in Teaching degree programs in Elementary Education and Secondary Education in the Darden College of Education and Professional Studies effective with the fall 2024 semester pending approval by the State Council of Higher Education for Virginia.

*Rationale:* Old Dominion University seeks approval to initiate a degree program in the following areas to begin fall 2024.

- Master of Arts in Teaching (MAT) in Elementary Education
- Master of Arts in Teaching (MAT) in Secondary Education

The programs will be housed in the Darden College of Education and Professional Studies and will be offered by the Department of Teaching and Learning (T&L). The master's-level elementary education and secondary education offerings have been housed in the Darden College of Education and Professional Studies as Master of Science in Education (MSEd) degrees. Currently enrolled students in the MSEd will complete those degrees, while more recently enrolled students will have the option to transition to one of the MAT programs.

The MAT degree programs were developed in part from State-level attention to the teacher preparation timeline. In 2022 the Joint Legislative Audit and Review Commission (JLARC) initiated a review of the adequacy of the supply of qualified K-12 teachers in Virginia. The report noted that direct pathways, such as higher education teacher preparation programs, yielded teachers better prepared for the classroom. In response to concerns about the decreasing numbers of teacher candidates entering the workforce, the State Council of Higher Education for Virginia (SCHEV) created an expedited process for review and approval of teacher preparation degree pathways to help respond to the teacher shortages.

The proposed Master of Arts in Teaching degree programs in Elementary Education and Secondary Education have been developed in response to

this call to increase the teacher pipeline. In addition, the proposed MAT degrees better differentiate the degree pathway for initial teacher licensure for first-time teachers from the existing Master of Science in Education (MSEd) pathway more appropriate for mid-career teachers seeking advanced preparation. The proposed programs address one of the top critical shortage teaching areas identified by the Virginia Department of Education. These degree programs will provide the necessary pedagogy for current and future students entering the teaching profession.

The proposed Master of Art in Teaching degree programs in Elementary Education and Secondary Education will require 37 credits, including core pedagogy courses, program/concentration courses, field work and a capstone student teaching experience. The curriculum for the degree programs has been designed to meet the academic requirements for licensure as specified by the Virginia Department of Education standards, effective August 23, 2018. These requirements include competencies identified for teachers in early childhood through adult education as well as specifically in each teaching concentration and secondary teaching content area. The degrees also incorporate accreditation requirements set forth by the Council for the Accreditation of Educator Preparation (CAEP).