

John O'Neil

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EDUCATION

VIRGINIA TECH PH.D. EDUCATION RESEARCH 1992

CORNELL UNIVERSITY BS AG ECONOMICS 1990

EXPERIENCE

UNIVERSITY OF ARIZONA

CHIEF OF STAFF TO SENIOR VICE PRESIDENT RESEARCH AND INNOVATION, AND FACILITY SECURITY OFFICER AUGUST 2019 – PRESENT
Serve as the principal action officer for the Senior Vice President for Research and Innovation. Lead organizational analysis and strategic planning; and design and stand up of strategic initiatives. Allocate funding, conduct hiring actions, and deliver day to day leadership for the Research, Innovation and Impact Division. Selected by the university president to own the Grand Challenges portion of the University's Strategic Plan. Provide principal input and guidance for the construction of over 200,000 GSF of innovation and research space. Motivate creation of affiliated corporations to advance alternative and joint research and engineering opportunities for the university. Guide policy development and refinement, and manage classified and sensitive research across the university.

OAK RIDGE NATIONAL LABORATORY

DIRECTOR, DARPA PROGRAMS AND PROGRAM MANAGER, HOMELAND SECURITY AND DEFENSE PROGRAMS AUGUST 2017 – AUGUST 2019
Build and manage new research and development activities using infrastructure and personnel from across the laboratory to deliver cutting edge capabilities not found in the private sector for strategic defense and homeland security partners. Contribute with Chief Scientist to thought leadership, opportunity creation and pursuit. Team with various homeland security and defense personnel to define and fill gaps, and translate ORNL insights into mission capabilities. Provide strategic input and service to Laboratory Director on internal research investments, consult with the Laboratory's strategic planning office, co-chair the laboratory's Program Manager's Forum, and contribute to laboratory-wide initiatives.

DIRECTOR, DECISION SYSTEMS APRIL 2014-AUGUST 2017

Report directly to Associate Laboratory Director for Global Security in conceiving, directing and delivering decision support services for national executives. Coordinated a Red Team study for the Laboratory Director and the Administrator of the National Nuclear Security Administration (NNSA) which is likely to achieve full mission

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capability at federal savings of up to \$12.5 billion. Serve as one of 12 members of ORNL internal research investment "SEED" committee. Serve on Executive Committee for Laboratory Initiatives, advising the Director on Strategic directions and appropriate investments in large-scale laboratory translational research initiatives, such as the Urban Dynamics Institute and Quantum Computing and Technologies. Joint Faculty Appointment as Associate Professor for Energy Policy, Plans and Administration, The Bredesen Center, University of Tennessee at Knoxville (November 2015 - Present)

DEPUTY DIRECTOR, INTERNATIONAL SECURITY AND ANALYSIS PROGRAMS OCTOBER 2009-APRIL 2014

Administer a special Department of Energy headquarters field element with responsibility for highly sensitive global security and intelligence work conducted at Oak Ridge National Laboratory, the NNSA Y-12 National Security Complex, Oak Ridge Associated Universities, Oak Ridge Institute for Science Education, the Office of Scientific and Technical Information and other locations. Provided oversight of time-critical analytic support for US policy and activities, spanning several hundred principal investigators and for more than \$70 million in annual research and development programs. Responsible for performance rating of over 40 full time equivalent personnel. Conceived over 45 operational concepts and R&D programs personally. Principal Investigator on multiple sensitive programs.

DIRECTOR, SCIENTIFIC AND TECHNICAL ASSESSMENT AUGUST 2007-OCTOBER 2009

Founding Division Director, leading teams of intelligence analysts addressing critical topics in the nuclear fuel cycle, non-proliferation, information analysis, weapons of mass destruction, and national security issues. Directly supervised over 20 full time equivalent personnel.

DIRECTOR, TECHNOLOGY INTEGRATION NOVEMBER 2003 - AUGUST 2007

Conducted special assignments and supported Associate Laboratory Director on missions of non-proliferation, national security, military support, homeland security and information analysis. Activities have included service as Deputy, Department of Homeland Security Memphis Regional Technology Initiative; Campaign Leader on Air Cargo Explosives Detection; and Project Manager, Fissile Materials Detection/Interdiction.

VIRGINIA TECH

DIRECTOR, FEDERAL AGENCY RELATIONS SEPTEMBER 1998-NOVEMBER 2003

Worked closely with the faculty, college, and university administration to enhance federal funding for sponsored projects. Engaged key executive, federal agency staff, and officials from top research universities across the nation to focus federal budget initiatives on desirable research objectives, and to refine federal research policy. Participated in the American Association for the Advancement of Science, and similar organizations to broaden university networks and collaborative opportunities. Analyzed and interpreted federal funding and policy trends to efficiently secure support for University initiatives.

DIRECTOR OF RESEARCH DEVELOPMENT JANUARY 1996-SEPTEMBER 1998

Established a comprehensive development department with responsibility for research development among each of the colleges, and numerous interdisciplinary centers. In addition to traditional major-gift advancement activities, contributed to the launch of progressive public/private partnerships, engineered research initiatives, and facilitated technology transfer. The campaign generated more than \$37 million for research.

ASSOCIATE DIRECTOR, CORPORATE AND FOUNDATION RELATIONS SEPTEMBER 1997-SEPTEMBER 1998

Led corporate and foundation advancement activities for the close of the Campaign for Virginia Tech. The campaign exceeded its goal by more than 30 percent. Created a comprehensive corporate strategic alliance program. Supported special initiatives involving various governmental entities. Obtained (at that time) the largest single gift in the history of the university, valued at \$23 million, and coordinated solicitation of an additional \$12 million from corporations and foundations.

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ROCKBRIDGE COUNTY SCHOOLS

DIRECTOR OF FINANCE NOVEMBER 1993-JANUARY 1996

Chief financial officer for county school system covering 600 square miles, with more than one-hundred employees, 3,100 students, and assets totaling \$60 million. Administered an operating budget of more than \$17 million. Prepared annual financial statements, state membership reports, and appropriation requests. Coordinated comprehensive risk management program, directed payroll, personnel and federal compliance programs. Oversaw all federal and state grants. Implemented the conversion from analog to digital administrative systems. Expanded employee health benefits with cost savings, and redesigned the salary scale for real earnings increases to the majority of faculty and improved hiring capabilities.

EDUCATION POLICY RESEARCH, INC.

DIRECTOR OF RESEARCH, OCTOBER 1991-NOVEMBER 1993

Conducted extensive research of state education systems in Tennessee, Kentucky, Alabama, Missouri, Ohio, Rhode Island, and Montana. Analyzed legal issues, fiscal operations, and administrative procedures that may have contributed to disparity in educational programs and funding.

OXFORD INTERNATIONAL ROUNDTABLE ON EDUCATION POLICY

COORDINATOR JANUARY 1991-OCTOBER 1991

Responsibilities included fundraising, budget development, and fiscal management of international conference attended by Cabinet-level education officials from countries in Europe, North and South America, Africa, and the Pacific Rim. Coordinated all phases of the conference.

JOURNAL OF EDUCATION FINANCE

EDITORIAL AND PRODUCTION STAFF AUGUST 1990- JANUARY 1991

Responsible for developing, editing and producing elements of a leading academic journal.

NEW YORK STATE SENATE FINANCE COMMITTEE

INTERN, OFFICE OF BUDGET STUDIES, MAY 1990-AUGUST 1990

PROFESSIONAL ACTIVITIES

- Federal Futures Community of Interest Member
- Navy Undersea Warfare Futures and Foresight Committee Member
- Principal Investigator in Navy and Intelligence Community-related Programs
- Division Cyber Security Officer
- Derivative Classification Officer

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- Awarded a Joint Faculty Appointment as Associate Professor of Energy Policy, Plans and Administration, The Bredesen Center, University of Tennessee at Knoxville, November 2015 –Present
- Appointed to the Laboratory Directed Research and Development (LDRD) Advisory Committee for Oak Ridge National Laboratory Director, Thom Mason, October 2015- 2018
- Coordinated the “Final Report of the Committee to Recommend Alternatives to the Uranium Processing Facility Plan in Meeting the Nation’s Enriched Uranium Strategy” 15 April 2014 resulting in full mission capability at potential savings to the National Nuclear Security Administration of up to \$12.5 billion
- Appointed by Governor Tim Kaine to the Virginia Science and Technology Advisory Commission 2006
- Appointed by Congressman Rick Boucher of Virginia to represent the 9th Virginia Congressional District on the Tennessee Valley Corridor Board, an interstate economic development not for profit. 2004-2006
- ORNL Excellence in Laboratory Operations Team Award 2006
- American Chemical Society, Society Affiliate – November 2016 - Present
- Designated Expert witness for ORNL in counterintelligence / classification-related matter (previous)
- FBI Cyber Division advisor (previous)
- Appointed to U.S. Food and Drug Administration’s Task Force on Zoonotic Disease 2003
- Coordinator, Oxford International Round Table on Education Policy 1991 Rhodes House and St. Peter’s College, Oxford, UK
- National Defense Industry Association, Member
- USA Cycling Official (previous)
- International Association of Chiefs of Police, Member (previous)
- American Association for the Advancement of Science, Former Patron and Current Member
- The Science Coalition Executive Committee (previous)
 - Regional Whip, Political Strategy Committee
- National Association of State Universities and Land-Grant Colleges (previous)
 - Elected Executive Committee, Council on Government Affairs
 - Chair, National Science Foundation Appropriations Committee
 - Co-Chair, Defense Appropriations Committee
- Coalition for National Security Research (previous)
- Coalition for National Science Funding (previous)
- Energy Sciences Working Group (previous)
- Council on Government Relations (previous)
- Council for the Advancement and Support of Education (previous)
- Center for Innovative Leadership, Member (previous)
- Virginia Tech - UVA Northern Virginia Advisory Board, Member (previous)
- Virginia Tech Center for Adhesive and Sealant Science Board (previous)

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- Virginia Tech Freshmen Mentoring Program, Mentor (previous)