WILLIAM H. ROBINSON, Ph.D.

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EXECUTIVE SUMMARY

Strategic, deeply collaborative higher education executive and AAU faculty leader with over two decades of experience driving institutional excellence, research expansion, and academic success. Proven track record of cabinet-level and executive leadership spanning Vice Provost, Associate Dean, Deputy Director, and Interim Chief Technology Officer roles. Adept at steering massive operational scale, managing multi-million dollar portfolios, and leading complex, multi-institutional research center initiatives. Recognized champion for systemic student success and faculty advancement, bridging elite engineering innovation with robust administrative governance.

CORE COMPETENCIES

- **Institutional and Systemic Leadership:** Cabinet-level strategy, change management, and university-wide policy development.
- **Fiscal and Operational Governance:** Oversight of multi-million dollar budgets, large-scale research directorates, internal research and development (IRAD) funds, and complex engineering operations.
- **Research Enterprise Expansion:** Multi-university center-scale research initiatives, federal agency partnerships (NSF, DoD), and technology transfer.
- **Academic Administration:** Faculty affairs, tenure-track progression, curriculum modernization, and undergraduate/graduate student success.

EXECUTIVE LEADERSHIP AND ACADEMIC APPOINTMENTS

GEORGIA TECH RESEARCH INSTITUTE (GTRI) Atlanta, GA
Deputy Director for Research, Information and Cyber Sciences April 2022 – December 2025
Interim Chief Technology Officer (CTO) February 2025 – August 2025

- **Executive Oversight and Fiscal Stewardship:** Provided strategic leadership for a prominent research enterprise executing over $200M+ in annual research volume; strategically deployed internal seed funding to catalyze high-impact initiatives in rural health transformation and critical infrastructure.
- **Operational Scale and Technology Translation:** Directed institutional infrastructure, technological roadmaps, and administrative governance to scale applied research initiatives through Technology Readiness Levels (TRL) 1–7, accelerating the maturation and translation of early-stage innovations.
- **Compliance and Research Security:** Oversaw facility secure space requirements to safeguard high-stakes federal and defense portfolios.
- **Cabinet Governance:** Served as a core member of the executive leadership team, aligning institute-wide technical capabilities with emerging national research priorities and federal funding landscapes.

VANDERBILT UNIVERSITY Nashville, TN
Vice Provost for Academic Advancement June 2020 – December 2021
Interim Vice Provost for Strategic Initiatives June 2019 – May 2020

- **University-Wide Governance:** Served on the Provost's cabinet, steering strategic initiatives for faculty development, promotion, and systemic advancement across ten colleges and schools.
- **Policy and Promotion Infrastructure:** Oversaw institutional processes for tenure and promotion, ensuring rigorous standards, equitable evaluation frameworks, and transparent advancement pipelines.
- **Strategic Resource Allocation:** Managed central budgets dedicated to campus programming for community and belonging initiatives among students, faculty, and staff.

Associate Dean for Academic Success, School of Engineering 2018 – 2020
Associate Dean, School of Engineering 2016 – 2018

- **Student and Faculty Pipelines:** Engineered comprehensive frameworks to enhance retention, academic milestones, and programmatic benchmarks across the engineering disciplines.
- **Cross-Functional Collaboration:** Partnered with department chairs and university offices to implement high-impact student success metrics and interventions.

Associate Chair,
Department of Electrical Engineering and Computer Science (EECS) 2014 – 2015

- **Departmental Operations:** Co-managed academic, fiscal, and personnel operations for a high-enrollment, research-intensive department.
- **Curriculum and Accreditation Leadership:** Facilitated major ABET accreditation cycles and continuous curriculum mapping to align with modern engineering and industry demands.

Director of Undergraduate Studies for Electrical Engineering and Computer Engineering 2011 – 2016

- **Academic Governance:** Oversaw advising, recruitment, and degree progression for undergraduate engineering cohorts, modernizing program requirements to reflect emerging industry trends.

GEORGIA INSTITUTE OF TECHNOLOGY Atlanta, GA
Full Professor of Electrical and Computer Engineering (with tenure) April 2022 – Present

- **Scholarly Leadership:** Maintain active faculty status, steering research paradigms at the intersection of hardware-oriented security, trust, and radiation effects on microelectronics.
- **Technical Affiliations:** Active member of the Computer Systems and Software, and the VLSI Systems and Digital Design Technical Interest Groups.

VANDERBILT UNIVERSITY Nashville, TN
Full Professor of Electrical Engineering and Computer Engineering (with tenure) July 2018 – April 2022
Associate Professor of Electrical Engineering and Computer Engineering (with tenure) August 2010 – June 2018
Assistant Professor of Electrical Engineering and Computer Engineering August 2003 – August 2010

- **Rank Progression:** Advanced through the academic ranks with tenured appointments, maintaining a robust portfolio of individual, collaborative, and center-scale research, high-impact teaching, and institutional governance.

EDUCATION

Ph.D. in Electrical and Computer Engineering Georgia Institute of Technology, Atlanta, GA
M.S. in Electrical Engineering Georgia Institute of Technology, Atlanta, GA
B.S. in Electrical Engineering Florida A&M University, Tallahassee, FL
FAMU Life-Gets-Better Scholarship

RESEARCH ENTERPRISE HIGHLIGHTS

Center-Scale Multi-University Research Experience

- **NSF TRUST Science and Technology Center:** Spearheaded significant center-scale, multi-university collaborative research, education, and outreach initiatives associated with the National Science Foundation Team for Research in Ubiquitous Secure Technology (TRUST), bridging academic innovation with national cybersecurity paradigms.

Basic and Applied Research in Hardware Reliability and Security

- **Sponsored Research Portfolio:** Secured and managed millions in aggregate research funding as a Principal Investigator (PI) and Co-PI from major federal agencies, including the National Science Foundation (NSF) and the Department of Defense (DoD).

National and International Professional Leadership

- **Technical Program Chair**, 2024 IEEE Nuclear and Space Radiation Effects Conference (NSREC).
- **General Chair**, IEEE International Symposium on Hardware-Oriented Security and Trust (HOST), 2015 and 2016.

EARLY CAREER AND CORPORATE EXPERIENCE

Ford Motor Company Dearborn, MI
Engineer (Noise, Vibration, and Harshness Testing) May 2000 – August 2000

- Developed user interface for parametric frame modeling tool.
- Developed Frequency Response Function (FRF) based sub-structuring tool using Matlab.
- Assisted with free-body modal testing of vehicle components.

Andersen Consulting (now Accenture) Tallahassee, FL
Analyst (Unemployment Compensation Tax Implementation) May 1996 – October 1996

- Performed database administrative duties for UC Tax database.
- Generated COBOL subroutines to access ORACLE database.
- Wrote training manuals for newly assigned programmers.

Michelin Tire Corporation Greenville, SC
Engineering Intern (Engineering-Major Projects Department) May 1995 – August 1995

- Developed a functional overview of an automated paging system.
- Designed and evaluated hardware configurations of the system.
- Wrote a proposal for facility-wide implementation of the paging system.

Honeywell, Inc. Clearwater, FL
Engineering Intern Summers 1991 – 1994

- Completed summer internships as part of the FAMU Life-Gets-Better Scholarship.
- Debugged microprocessor assembly code.
- Designed tooling used in the build process for connector cables.
- Drew connector cable schematics for engineering documentation.

EXECUTIVE GOVERNANCE AND BOARD ADVISORY ROLES

- **External Advisory Board Member** – Sandia National Laboratories, Resilient Energy Systems (RES) Mission Campaign (2023–Present)
- **External Advisory Board Member** – Johns Hopkins University, Engineering for Professionals Programs in Computer Science and Cybersecurity (2019–Present)
- **External Advisory Board Member** – Rose-Hulman Institute of Technology, Electrical and Computer Engineering (ECE) Department (2019–2021)

EXECUTIVE RECOGNITION AND KEY HONORS

- **Member of the Year** – 100 Black Men of Middle Tennessee, Inc. (2021)
- **Induction** – Hardee County (FL) Hall of Fame (2021)
- **Vanderbilt Leadership Academy** – Selected for the 2017–2018 Cohort
- **NSF CAREER Award** – National Science Foundation (2008)
- **DARPA Computer Science Study Panel** – Selected as an early-career faculty member in national security (2008)

Note: *A comprehensive, 33-page Academic Curriculum Vitae detailing an exhaustive list of publications, federal funding records, and full academic teaching, research, and service histories is available immediately upon request.*