



**OLD DOMINION**  
UNIVERSITY

# School of Cybersecurity

**Daniel Takabi**

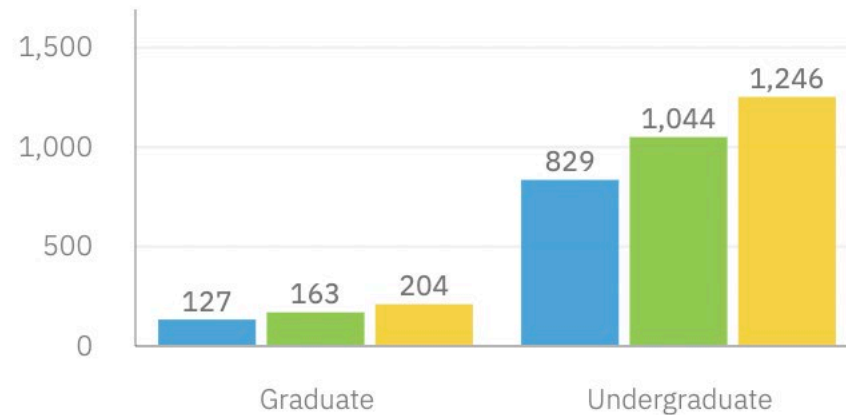
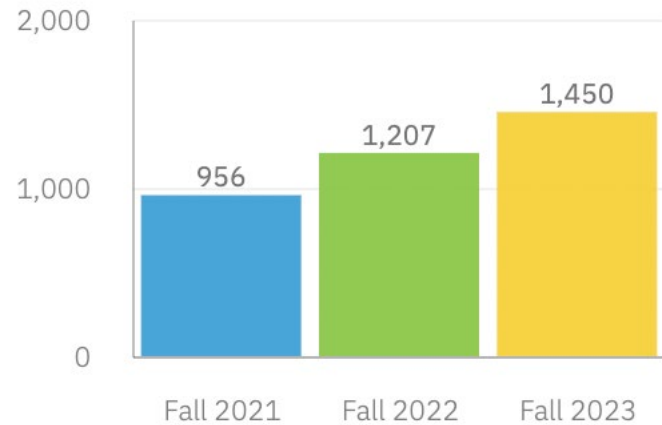
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# School's Progress

- Established in 2020
  - Center for Cybersecurity Education and Research
- Enrollment growth





# Vision

- promote cybersecurity research and education in an interdisciplinary setting
  - Educational Programs
  - Research
  - Broadening Participation
  - Partnerships



# School - Programs

- Bachelor of Science Programs
  - Cybersecurity (BS)
  - Major in Cyber Operations (BS)
  - Major in Cyber Risk Management (BS)
- Master of Science Programs
  - Cybersecurity (MS)
  - Concentration in AI Security (MS)
  - Concentration in Cyber Conflict and Cyber Crime (MS)
  - Concentration in Cybersecurity Risk Management (MS)
- Certificate Program
  - Cyber Risk Management Certificate



# School - Programs

- Improve the existing Programs
  - Internships
  - Hands-on activities
  - Cyber clinic
  - Competitions
- New Programs
  - Bridge Program
  - Trustworthy AI Certificate



# CAE Designations

## National Center of Academic Excellence (CAE) Designations by NSA/ DHS

- National Center of Academic Excellence in Cyber Operations (CAE-CO)
  - 2019-2024
- National Center of Academic Excellence in Cyber Defense (CAE-CD)
  - 2023-2028
- National Center of Academic Excellence in Cyber Research (CAE-R)



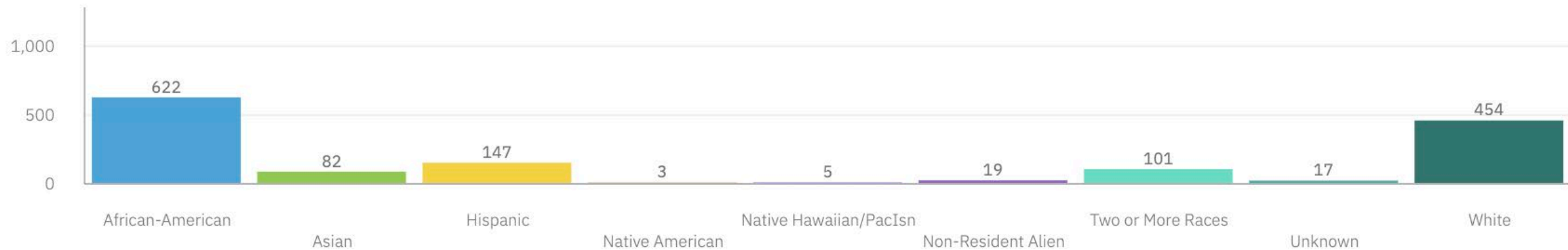
# Cybersecurity Research

- Improving Research Productivity
  - More collaboration
  - Biweekly research talks
  - Two TT, 2 research faculty, 3 lecturers
  - Cluster hire



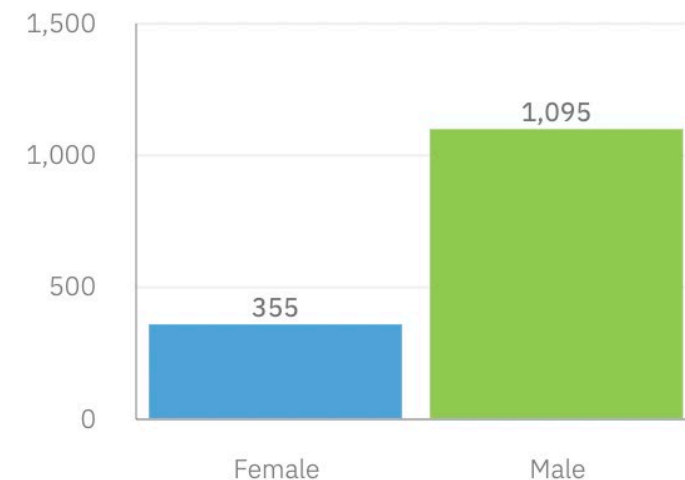
# Broadening Participation

- Diversity



- Broadening Participation

- Women in Cybersecurity
- Bridge program
  - scholarship
- K-12 outreach
  - GenCyber, iLab







# Partnerships

- Strategic Partnerships with entities from academia government and industry
  - Naval Network Warfare Command
  - Newport News Shipbuilding (NNS)
  - Naval Information Warfare Center (NIWC) – ATLANTIC
  - Beyond the region
- USCYBERCOM Academic Engagement Network (AEN)



**Thank You!**