



Cybersecurity Research and Education at W&M

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WILLIAM & MARY

CHARTERED 1693

Computer Science @ W&M

- **Small department:**
 - 6 full, 5 associate, 11 assistant professors
 - 4 teaching track faculty
 - Currently residing in **Arts & Sciences**
 - **School of Computing, Data Sciences, and Physics in August 2025**
- **CS Student Body:** ~400 undergraduate students
107 graduate students (75 PhD)

Mission Statement

- **Excellence in research: R1 department**
 - How?
 - High quality research: publications, grants
 - Quality over quantity
 - **Every** tenured faculty who joined **since 2004** got a **CAREER**
 - **Nearly all senior faculty are Fellows in their major societies**
- **Excellence in teaching, advising, and mentorship**



Security at W&M CSCI: Faculty

- 8 tenure-track security faculty and growing!
 - Adwait Nadkarni (software, systems, IoT, privacy)
 - Dmitry Evtushkin (architecture, systems)
 - Stephen Herwig (systems, software, hardware)
 - Qun Li (systems, edge, privacy)
 - Denys Poshyvanyk (software engineering, cps)
 - Gang Zhou (IoT/CPS, privacy)
 - Evgenia Smirni (CPS, vehicle safety)
 - Sidi Lu (autonomous vehicle security)
- 1 Teaching track faculty
 - Matt Chapman (cyber operations, cyber workforce development)

Security at W&M CSCI: Faculty

- 8 tenure-track security faculty and growing! At least one COVA CCI Research Grant
 - Adwait Nadkarni (software, systems, IoT, privacy)
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Best Poster Awards at the CCI Symposium

- 2024: Anna Schmedding
- 2023: Kaushal Kafle

CCI Dissertation Awards

- Woosub Jung, 2021, 2022
- Amit Seal Ami, 2021, 2022
- Sunil Manandhar, 2021

Security at CS@W&M CSCI: Research

- Consistently publish in top security venues (IEEE S&P, USENIX Security, ACM CCS, NDSS)
 - *Distinguished Paper Award at IEEE S&P 2024!*
- Significant external funding (NSF, COVA CCI, industry)
- Ph.D. graduates placed in IBM Research (Security team), Intel, and tenure-track positions at R1 institutions.

Security at CS@W&M CSCI: Education

- ~8 security classes + proposals for more
- New in AY 2024-25
 - Two *tracks/concentrations* in Cybersecurity (starting Fall 2024)
 - M.S. in CSCI with a concentration in Cybersecurity
 - B.S. in CSCI with a concentration in Cybersecurity
- **National Cyber League (Coach: Dr. Matt Chapman)**
 - Fall 2023, 73rd nationally (out of 500), general/non-experienced category
 - Spring 2024, 22nd nationally in the “Advanced” category (out of 500)

Natural Next Step: The W&M Cybersecurity Center

- Instituted in February 2024 with Dr. Adwait Nadkarni as its inaugural director
- CAE-R → Submitted in the July 2024 cycle
- CAE-CD → in progress

Growth: faculty/students/broaden research and education

Interested in collaborating with us? Email

cybersecuritycenter@wm.edu

