

# JON BARCLAY

Deputy Chief Information Security Officer

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## PROFESSIONAL SUMMARY

Strategic cybersecurity executive with 16+ years of progressive experience protecting critical infrastructure in higher education. Proven leader in developing and implementing enterprise security programs serving 50,000+ students and staff. Expert in building cross-institutional security partnerships, leading penetration testing programs across multi-campus systems, and driving security transformation through zero-trust architecture, identity management, and advanced threat detection. Recognized with the 2024 Presidential Award of Excellence for outstanding contributions to institutional security.

## AREAS OF EXPERTISE

- Security Strategy & Leadership
- Cloud Security (Azure/M365)
- Security Operations (SOC)
- Vulnerability Management
- Zero-Trust Architecture
- Identity & Access Management
- AI Security & Automation
- SIEM & EDR Implementation
- Penetration Testing
- Incident Response
- PCI-DSS Compliance
- Cross-Institutional Collaboration

## PROFESSIONAL EXPERIENCE

### Utah Valley University

*Utah's largest public university serving 47,000 students and 5,500 employees*

#### Deputy Chief Information Security Officer

*July 2024 – Present*

Serve as principal deputy to the CISO, providing strategic direction and operational oversight for the university's comprehensive cybersecurity program. Lead security initiatives protecting critical infrastructure, student data, and institutional assets.

- Lead the Utah System of Higher Education (USHE) Security Assessment Team, directing penetration testing programs across 16 institutions statewide, completing full assessment cycles for all 8 degree-granting universities with 8 technical colleges in progress
- Coordinate the USHE Information Security Officer group and represent the security community at CIO and IT Directors meetings, driving cross-institutional collaboration and best practice sharing
- Spearhead security transformation initiatives including internal penetration testing, cloud security (Azure/M365), AI security and automation, and SOC optimization
- Drive strategic planning for enterprise security architecture, risk assessment frameworks, and regulatory compliance programs

#### Senior Cybersecurity Analyst

*2019 – 2024*

- Architected and deployed zero-trust network infrastructure, fundamentally transforming the university's security posture
- Implemented enterprise-wide MFA achieving 100% coverage for all students and employees, with passwordless authentication available university-wide
- Led deployment of advanced EDR solution protecting 7,500+ endpoints across campus systems
- Designed and implemented unified IAM platform with single sign-on, streamlining access management and enhancing security controls
- Implemented advanced security controls for Active Directory and Azure environments
- Orchestrated enterprise incident response operations, coordinating cross-functional teams to protect institutional assets

## Senior PCI Security Analyst

2013 – 2019

- Established PCI-DSS compliance program managing 9 payment systems across campus, achieving and maintaining certification
- Implemented and managed SIEM infrastructure for continuous monitoring and threat detection across PCI-scoped systems
- Deployed enterprise firewall infrastructure (Palo Alto, Cisco) and VPN solutions
- Conducted penetration testing on campus and PCI systems; served on the USHE Security Audit Team
- Managed network IDS, application whitelisting, and host-based intrusion detection systems

## Banner Security Officer

2010 – 2013

- Designed and implemented fine-grained access control (FGAC) for enterprise ERP system protecting sensitive institutional data
- Developed a comprehensive security awareness program for the university community
- Established user access governance and auditing frameworks for campus systems
- Managed network security infrastructure, including intrusion prevention systems, firewalls, and web security appliances

## IT Manager

2004 – 2008

- Managed IT infrastructure, including databases, file servers, and desktop environments supporting 100+ users
- Supervised technical team responsible for 5 computer labs and campus computing resources

## Adams & Smith

### IT Manager

2008 – 2010

- Directed IT operations, including network infrastructure, Cisco VoIP systems, and enterprise security
- Managed ERP system security through role-based access control and privilege auditing

## CERTIFICATIONS

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**CISSP** – Certified Information Systems Security Professional

**GPEN** – GIAC Penetration Tester

**GWAPT** – GIAC Web Application Penetration Tester

**GDSA** – GIAC Defensible Security Architecture

**GDAT** – GIAC Defending Advanced Threats

**GCDA** – GIAC Certified Detection Analyst

**GCWN** – GIAC Certified Windows Security Administrator

**GSNA** – GIAC Systems and Network Auditor

## EDUCATION

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**Master of Business Administration** | Utah State University

**Bachelor of Science, Information Technology** | Utah Valley University

## AWARDS & RECOGNITION

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**Presidential Award of Excellence** | Utah Valley University | 2024