

# ROBERT D. WHITE

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## EDUCATION

**UNIVERSITY OF THE CUMBERLANDS, Williamsburg, KY**

**30 April 2022**

**M.S. in Information Technology**

Thesis: *Examining and implementing security impact assessments in organizations*

Cumulative GPA: 4.00/4.00

**MIAMI UNIVERSITY, Oxford, OH**

**December 2020**

**Professional Certificate – MiniMBA (*Business Management*)**

**MIAMI UNIVERSITY, Oxford, OH**

**16 May 2015**

**B.A. in Psychology**

Minor: Applied Sociological Research

*Magna Cum Laude*

Honors Thesis: *Examining perceived burdensomeness, thwarted belongingness,  
and acquired capability among groups with varying levels of suicidality*

Cumulative GPA: 3.92/4.00

**MIAMI UNIVERSITY, Oxford, OH**

**Fall 2013**

**A.A. in Social Science**

*Magna Cum Laude*

(Obtained concurrently with high school diploma)

## PROFESSIONAL CERTIFICATIONS

Tanium Certified Administrator

**April 2022**

Tanium Certified Operator

**April 2022**

Microsoft Certified (SC-900)

**December 2021**

Microsoft Certified (AZ-900)

**December 2021**

Secret Security Clearance

**April 2021 (*On-hold until 2024*)**

Jamf Product Professional

**May 2020**

Mosyle Certified Administrator

**November 2019**

Ordained Minister (Church of God, Anderson, IN)

**October 2017**

## PROFESSIONAL EXPERIENCE

### TANIUM

**January 2022 - Present**

#### **Enterprise Services Engineer**

- Tanium offers an endpoint management and security platform built for the world's most demanding IT environments. Many of the world's largest and most sophisticated organizations — including nearly half of the Fortune 100, top retailers and financial institutions, and multiple branches of the U.S. Armed Forces — rely on Tanium to make confident decisions, operate efficiently, and remain resilient against disruption.

### MATRIX RESEARCH, INC.

**November 2020 – January 2022**

#### **Systems Administrator**

- Assist with the overall business technology planning, providing a current knowledge and future vision of technology and systems
- Participate or lead in developing and documenting policies and procedures for consistent infrastructure management, methodologies, and standards

- Administration of the information technology continuity and availability systems, user endpoints (Win, Mac, Linux), and all onsite/cloud servers
- Design and implement a hybrid domain solution, converting the on-prem domain to hybrid
- Establish the security management program goals, objectives, metrics and reporting mechanisms that can measure the efficiency and effectiveness of the program, facilitate appropriate resource allocation, and create a roadmap for continual program improvements
- Perform needs analysis to determine opportunities for new and improved business process solutions
- Promote awareness of cyber policy and strategy and ensure sound principles are reflected in the organization's mission, vision, and goals, especially related to NIST and CMMC standards
- Manage the security oversight and assessment of information systems assets and the protection of systems from intentional or inadvertent access or destruction
- Initiate and lead on-going information security maturity assessment processes and training, using industry accepted frameworks, and implement into the overall cyber security posture
- Provide guidance, recommendations and oversight for the identification, triage and response of apparent cybersecurity events or incidents for diagnosis of possible breaches
- Train users and other IT support staff
- Establish and maintain effective working relationships within the department and with other contractors and government customers

**COMPUTER DNA****November 2019 – April 2021****Systems Administrator**

- Installed, repaired, managed, and optimized network servers, network infrastructure, SD-WAN, proxies, VPNs, and other networking needs
- Ensured client data security through access controls, network policy, backups, and firewalls
- Devised, deployed, and managed the zero-touch and one-touch configuration and operation of client-based computer operating systems (e.g., MacOS, Windows, Ubuntu, other Linux-based operating systems)
- Configured and managed IaaS cloud environments (including on-prem to cloud migrations), utilizing infrastructures including AWS, CloudStack, OpenNebula, OpenStack, Digital Ocean, GCP, IBM, Azure, and Citrix for virtualization, storage, databases, user authentication/directory services, and more
- Managed the configuration and operation of servers and hypervisors (e.g., Windows Server, Univention Corporate Server, vSphere, HyperV, ESXi, and other Linux-based servers)
- Utilized bash, Ansible, puppet, and python for automation of system deployment and workflows
- Planned and wrote scripts as well as basic applications using python (including rudimentary Django front-end development) for internal team use and some limited customer-facing scenarios
- Asset procurement and management
- Configured and maintained virtual machines for production
- Managed and deployed containers through Kubernetes and Docker
- Swiftly, efficiently, and effectively responded to and resolved customer hardware and software issues via ticketing
- Project owner for developing, implementing, and providing training to personnel concerning a school-wide hybrid audio/video solution for in-house and remote learning students during COVID-19
- Maintained and contributed to internal documentation and Git-repositories (GitHub, GitLab) for technical documentation, manuals, IT policies, and code for internal applications/API utilization

**TOWNE CHURCH****January 2013 – August 2019****Director of Technology**

- Oversaw all technology operations and evaluated them according to established goals
- Devised and established IT policies and systems to support the implementation of strategies set by non-profit leadership boards and teams
- Installed, repaired, managed, and optimized servers and network infrastructure
- Responsible for campus-wide system/application installations and upgrades while adhering to high-availability application architecture
- Analyzed the business requirements of all departments to determine their technology needs

- Directed asset procurement and asset management
- Responsible for technical budgeting and forecasting
- Assisted in building relationships with vendors and creating cost-efficient contracts
- Purchased efficient and cost-effective technological equipment and software
- Inspected the use of technological equipment and software to ensure functionality and efficiency
- Identified the need for upgrades, configurations, or new systems and reported plans for implementation to leadership boards
- Coordinated IT volunteer teams and supervised technicians and other operators

## RESEARCH EXPERIENCE

### **REWARD AND ADDICTIVE DISORDERS LAB (RAD) LAB**

**August 2016 - August 2018**

#### **Post-Baccalaureate Research Assistant**

##### Projects:

##### *Dopaminergic contributions to inflexible alcohol drinking*

- Performed stereotactic neurosurgery
- Utilized Designer Receptors Exclusively Activated by Designer Drugs (DREADDs) chemogenetic technology for neuronal silencing
- Examined specific neural structures and neuronal populations related to inflexible and aversion-resistant alcohol drinking

##### *Cortical glutamatergic contributions to compulsive reward-seeking*

- Assembled and programmed sixteen operant boxes in conjunction with MedPC hardware/software

### **STEVEN FIESTER LAB**

**January 2017- June 2017**

#### **Post-Baccalaureate Research Assistant**

##### Project:

##### *Elucidation of Hemoglobin Degradation by *Acinobacter baumannii**

- Utilized PCR, inverse PCR, ligation reactions, gel electrophoresis, triparental mating, and production of bacterial cultures to initiate and monitor mutagenesis and genetic complementation of the M16C peptidase gene

### **AMERICAN ASSOCIATION OF SUICIDOLOGY (AAS) 48<sup>TH</sup> ANNUAL CONFERENCE**

**2015**

#### **Moderator**

Served as moderator for "Impulsivity and Contagion" at AAS 2015.

### **MIAMI UNIVERSITY, UNDERGRADUATE SUMMER SCHOLARS AWARD**

**2014 - 2015**

#### **Primary Investigator**

##### Project: Investigating the Role of Implicit Disgust with Life and Suicidality

- Modified implicit association tests (IATs) to reflect topics of interest (e.g., disgust with life) and distributed to participants
- Independently explained and defended research methods to the IRB of Miami University that subsequently were approved for research
- Carried out six-month longitudinal data gathering and conducted analyses

### **RESEARCH ON EATING DISORDERS AND SUICIDALITY (REDS) LAB**

**August 2013 - May 2015**

#### **Undergraduate Research Assistant**

##### Projects:

##### *Over-exercise and its relationship to acquired capability for suicide, belongingness, and burdensomeness.*

- Acquired psychophysiological data (e.g., pain tolerance, pain threshold) with an algometer.
- Led participants through procedures and collected data.

##### *Perceptions of media images: Facial EMG study*

- Hooked up participants to a facial electromyography system to monitor facial muscle movement during exposure to certain media stimuli.

- Initialized and monitored BioPac hardware in conjunction with AcqKnowledge software.
- Led participants through procedures and collected data.

*Cognitive Bias Modification for Perfectionism Study*

- Led participants through procedures and collected data.

*Cognitive and Emotional Processes Related to Acquired Capability*

- Acquired psychophysiological data (e.g., electrocardiography, electrodermal activity, pain tolerance) with BioPac hardware and AcqKnowledge software.
- Led participants through procedures and collected data.

**MIAMI UNIVERSITY'S APPLIED RESEARCH CENTER**

**2011**

**Research Assistant**

Project: *Ohio Department of Public Safety, Public Opinion and Awareness.*

- Conducted interviews/surveys and recorded data from respondents.

**PUBLICATIONS**

Sneddon, E. A., **White, R. D.**, & Radke, A. K. (2018). Sex Differences in Binge-Like and Aversion-Resistant Alcohol Drinking in C57 BL/6J Mice. *Alcoholism: clinical and experimental research*.

**White, R. D.**, Nader, A., Frankel, J., Radke, A. K. (2017). Aversion-resistant alcohol drinking in male and female mice. *Scholarly Commons*. Retrieved from <http://hdl.handle.net/2374.MIA/6123>.

Forrest, L. N., Smith, A. R., **White, R. D.**, Joiner, T. E. (2015). (Dis)connected: An examination of interoception in individuals with suicidality. *Journal of abnormal psychology*, 124(3), 754.

**PRESENTATIONS**

**White, R. D.** (2022). Examining and implementing security impact assessments in organizations. *Research presented at the University of the Cumberlands Master of Science in Information Technology Capstone Seminar, Williamsburg, KY.*

**White, R. D.** (2019). Heroin addiction mechanisms, current treatments, and epigenetic implications. *Research presented at the University of Cincinnati College of Medicine Special Masters of Physiology Capstone Seminar, Cincinnati, OH.*

Sneddon, E. A., Dames, B., Frankel, J., Nader, A., Ramsey, O., Schleicher, D., Schuh, K., Setters, J., **White, R. D.**, Radke, A. K. (2018). Aversion-resistant alcohol drinking is similar in male and female mice. *Paper presented at the 41<sup>st</sup> Annual Research Society on Alcoholism Scientific Meeting, San Diego, CA.*

**White, R. D.** (2017). Striatal control of aversion-resistant alcohol drinking in male and female mice. *Research presented at the Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience (mGluRs), Deleware, OH.*

Forrest, L. N., **White, R. D.**, Flahive, S. M., Allen, K. J., Smith, A. R. (2015). Examining suicidality, interoceptive deficits, and the acquired capability for suicide. *Paper presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.*

Smith, A. R., Forrest, L. N., **White, R. D.**, Flahive, S. M., Allen, K. J. (2015). Examining suicidality, interoceptive deficits, and the acquired capability for suicide. *Paper presented at the 48<sup>th</sup> Annual Meeting of the American Association of Suicidology, Atlanta, GA.*

**White, R. D.** (2015). The transgenerational epigenetic hypothesis of acquired capability for suicide: A conceptualization of a novel hypothesis. *Paper presented as a final project for PSY 456, Neurobiology of Learning and Memory, to Dr. Stephen Berry and colleagues, Oxford, OH.*

**White, R. D.**, Smith, A. R. (2015). Examining perceived burdensomeness, thwarted belongingness, and acquired capability among groups with varying levels of suicidality. *Paper presented to the Miami University Department of Psychology Honors Thesis Forum, Oxford, OH.*

**White, R. D.** (2015). Examining the effects of past painful life experiences, non-suicidal self-injury, and sex on acquired capability for suicide. *Paper presented at the Miami University Social Science student research forum, Oxford, OH.*

**POSTER PRESENTATIONS**

**White, R. D.** (2019). Heroin addiction mechanisms, current treatments, and epigenetic implications. *Poster presented at the University of Cincinnati College of Medicine Special Masters of Physiology Capstone poster session, Cincinnati, OH.*

**White, R. D.,** Sneddon, E., Radke, A. K. (2017). Aversion-resistant alcohol drinking in male and female mice. *Poster presented at the Midwest/Great Lakes Undergraduate Research Symposium in Neuroscience (mGluRs), Delaware, OH.*

**White, R. D.,** Nader, A., Frankel, J., Radke, A. K. (2017). Aversion-resistant alcohol drinking in male and female mice. *Poster presented at the Miami University 23<sup>rd</sup> Annual Undergraduate Research Forum, Oxford, OH.*

**White, R. D.,** Nader, A., Frankel, J., Radke, A. K. (2017). Aversion-resistant alcohol drinking in male and female mice. *Poster presented at the 16<sup>th</sup> Annual Stephen Hinkle Memorial Poster Session, Miami University, Oxford, OH.*

**White, R. D.,** Smith, A. R. (2015). Examining perceived burdensomeness, thwarted belongingness, and acquired capability among groups with varying levels of suicidality. *Poster presented at the Miami University 21<sup>st</sup> Annual Undergraduate Research Forum, Oxford, OH.*

**White, R. D.,** Smith, A. R. (2015). Examining perceived burdensomeness, thwarted belongingness, and acquired capability among groups with varying levels of suicidality. *Poster presented at the 14<sup>th</sup> Annual Stephen Hinkle Memorial Poster Session, Miami University, Oxford, OH.*

**White, R. D.,** Mohammadi, N., Murphy, I., Raies, E. (2014). Burden on my mind: Investigating the role of media on perceived burdensomeness. *Poster presented at the Miami University Department of Psychology Research Design and Analysis student presentation forum, Oxford, OH.*

**TEACHING EXPERIENCE****MIAMI UNIVERSITY****September 2017 – May 2018****Teaching Assistant****Organic Chemistry Lab I & II (CHM 244, CHM 245)****GRANTS AND AWARDS**mGluRs Research Award (*Grant*), *Ohio Wesleyan University***September 2017**Organic Chemistry Award, *Miami University***April 2017**Crannell Research Award (*Grant*), *Miami University***April 2015**Undergraduate Summer Scholars Award (*Grant*), *Miami University***Summer 2014**Winter Term Grant, *Miami University***Winter 2013-2014****SCHOLARSHIPS**James Russel Myers Scholarship (*Academic*)**Fall 2015 – Summer 2017**

Federal College Work Study

**Fall 2014 – Summer 2015**SMART Scholarship (*Research, provided by U.S. DOD*)**Fall 2014**University Summer Scholars Fellowship (*Research*)**Summer 2014**Class of 1942 Scholarship (*Academic*)**Fall 2013 – Summer 2016**RedHawk Excellence Scholarship (*Academic*)**Fall 2013 – Summer 2015****VOLUNTEER/SERVICE EXPERIENCE****FEEDING CHILDREN EVERYWHERE****2017****Hunger Project Host**

- Mobilized approximately 225 individuals in a local religious institution to donate \$19,000 to feed starving children around the world (approximately 50,000 meals for families of six).

- Mobilized approximately 100 individuals in a local religious institution to volunteer three hours of time per person to package 50,000 meals for global shipment.

**FEEDING CHILDREN EVERYWHERE****2016**

**Hunger Project Host**

- Mobilized approximately 300 individuals in a local religious institution to donate \$25,000 to feed starving children around the world (approximately 89,000 meals for families of six).
- Mobilized approximately 150 individuals in a local religious institution to volunteer three hours of time per person to package 89,000 meals for global shipment.

**BIG BROTHERS, BIG SISTERS****2012-2015****Mentor (Site-based and Community-based)****CAMP LEBANON (OHIO) STUDENT CAMPS****2009-Present****Camp Counselor****LANGUAGES**

English – native language

Spanish – speak, read, and write with intermediate competency

Arabic – speak, read, and write with basic competency

**MEMBERSHIPS AND ACTIVITIES**

Infragard

**February 2021 – Present**

Apple Consultant Network

**November 2019 - Present**

American Association of Suicidology – Student Member

**March 2015 - Present**

Psi Chi International Honor Society – Member

**November 2013 - Present**

The Crosswalk at Miami – President

**August 2012 - May 2015**