

DENNIS CHARLES (DC) GRANT

Education:

Masters in Infrastructure Planning and Management 2014

University of Washington Seattle, 3.85 GPA

Information Security and Risk Management Certification 2013

University of Washington Seattle

Bachelor of Science in Information Technology and Systems 2012

University of Washington Tacoma, 3.90 GPA

Management in Technology Companies Certification 2000

University of Washington Seattle

Attended San Diego State University 1987 to 1992

Attended Washington State University 1983-1984 and 2006-2008.

Academic Employment Experience:

University of Washington Tacoma

Lecturer in Information Technology - 2015 to Present – Full Time

Columbia Basin College

Assistant Professor in Computer Science - Cyber Security 2013 to 2015 – Full Time

Highline Community College

Adjunct Professor in Computer Information Systems, 2013 – Part Time

University of Washington Tacoma

Information Technology Intern and Tutor, 2011 to 2013 – Part Time

Non-Academic Employment Experience:

Pacific Northwest National Labs - **National Security Directorate - Masters Intern**, 2013 – Full Time

Topia Technology - **Systems Administrator / Information Security Analyst**, 2012 to 2013 – Part Time

Computer and Connectivity Services - **Systems Design Consultant**, 2007 to 2008 – Full Time

Rainier Pacific Bank - **Information Technology Operations Manager**, 2003 to 2006 – Full Time

Washington State Liquor Control Board - **Systems Design Engineer and Network Operations Manager**

Network Design Engineering Consultant, contract through DMC West, Inc., 2001 to 2003 – Full Time

Lucent Technologies - **Data Center Operations Management Consultant**, contract through Key Data Solutions, 2000 to 2001 – Full Time

Microsoft Corporation - **Global Data Center Operations Manager, Network Engineer, Shift Manager** -

Global Network Operations, **Senior Technician** - contract through ENTEX Information Services 1996 to 2000 – Full Time

Considerable additional experience in information technology, construction, import-export, manufacturing and multiple service industries since 1981.

Certifications:

University of Washington Certifications:

Management in Technology Companies (2000) and

Information Security & Risk Management (2013)

Certified Information Systems Security Professional (CISSP #71890)

Certified Information Security Manager (CISM #0505649)

Microsoft Certified Systems Engineer (MCSE #346682)

Current Organizational Memberships:

2012 – Present – IEEE Member

2012 – Present – Infragard Member

2012 – Present – ISSA Member

2012 to 2013 – Mt Rainier Chapter Vice President

2012 – Present – Pacific Northwest HoneyNet Chapter Lead

2012 – Present – Upsilon Pi Epsilon International Honor Society Member

2012 to 2013 – President University of Washington Tacoma Chapter

2011 – Present – Golden Key International Honor Society Member

2011 – Present – Information Systems Security Association, (ISSA)

2004 – Present – International Information Systems Security Certification Consortium, (ISC) ²

2004 – Present – Information Systems Audit and Control Association (ISACA)

2011 – 2019 – President of the Mount Rainier Chapter of ISACA

2019 – Present – Treasurer of Mount Rainier Chapter of ISACA

Honors and Awards:

National Science Foundation Cyber Corps Scholarship for Service

Masters in Infrastructure Planning and Management 2012 through 2014

Magna cum Laude BS in Information Technology and Systems 2012

Service Activities:

Member of the Department of Homeland Security, CISA Regional Infrastructure Security Group (RISG)

University of Washington Faculty Affairs Committee Member 2015 – 2019

Chair of the Faculty Affairs Committee 2016 - 2019

Member of Executive Council of the University of Washington Tacoma Faculty Assembly 2016 to 2019

Developed and edited bylaws for the UW Tacoma Institute of Technology during 2016 and 2017, in preparation for becoming the School of Engineering and Technology

Scholarship Committee Member 2016 to Present

Faculty Representative to the Student Activity Fee Committee 2016 to Present

Faculty Advisor to student organization: UW Tacoma Women in Cyber Security (WiCys)

Chair of Community Engaged Learning High Impact Practices Advisory Committee during 2018 and 2019.

Service Activities (continued):

Faculty Coordinator for two highly successful Livable City Year projects with teams of students working with the City of Tacoma during 2017 and 2018.

Created a Non Profit Corporation to benefit the local community in 2017. The corporation achieved IRS 501c3 tax status in 2018 and grew to over \$1M in assets by the beginning of 2020.

Built a connection with Tacoma Public Schools, Boze Elementary School to partner fifth grade students with my BS IT majors 2016 to 2019 to jointly develop IT related design projects.

Developed and delivered successful cyber security education programs for middle and high school students, including in collaboration with Franklin Pierce School District and a National Security Agency and National Science Foundation sponsored GenCyber summer camp in 2019.

Participated in a Science, Technology, Engineering, and Mathematics (STEM) Collaboration Project advising Hanford High School on architecture and content for their first cyber security coursework.

Worked with the Mathematics Engineering Science Achievement (MESA) coordinators from WSU Tri Cities to present to three groups of middle school students, (about 300 students in total attended from six middle schools in Pasco, Sunnyside, and Granger) on the Columbia Basin College campus, November 2014.

Accepted a similar invitation to present MESA sessions again in May of 2015. I was separately invited to participate in the Kennewick School District Computer Science Advisory Committee from October 2014 through May 2015.

I continue to seek opportunities to strengthen ties to middle schools and high schools and to facilitate the study of Information Technology and Cyber Security in primary and secondary education.

Faculty mentor to UW Tacoma student teams participating in the Department of Energy Cyber Force Competition in 2018 and 2019.

Participated in Pierce County Emergency Management and Department of Homeland Security's Cybersecurity and Infrastructure Security Agency exercises as well as the Pacific Northwest Cyber Exercise in 2019.

External Reviewer for the Clover Park Technical College Applied Baccalaureate Degree Program in Cybersecurity during 2019.

Colorado-Washington Security Scholars Program (CWSSP) Cyber Corps® Scholarship for Service (SFS) University of Washington Tacoma Faculty Advisor and Research Mentor.

Publications and Presentations:

'Secure Architecture for Remote Monitoring of Insecure Devices' presented at the Northwest Cybersecurity Symposium in Richland Washington during April of 2019.

'Epic 911 Failures – Emergency Services Fall Victim to the Flaws Inherent in Advanced Technology' executive briefing published in January of 2019.

'Executive Summary – Securing Cloud Services' presented in February 2019 presented at the CIO & CISO Strategy Meeting, Feb 26. 2019, Grand Hyatt Seattle.

'Introductory Analysis of NG911 Vulnerabilities' presented November 2019 at Resilience Week in San Antonio Texas.

'Interacting with Intelligent Assistants to Predict Consumer Satisfaction' presented to the Athens Institute for Education and Research in May 2018.

'Demographic Analysis of University of Washington Tacoma Students and Faculty' presented in 2018 at UW Tacoma and fully presented at the 32nd International Conference on Information Networking (ICOIN) in January 2018 at Chiang Mai, Thailand.

'Distributed Detection and Response for the Mitigation of Distributed Denial of Service Attacks' discussed in a lightning round presentation in October 2017 at UW Tacoma.

'ISACA Cybersecurity Fundamentals' training seminars provided in 2016, 2017 and 2018.

Panelist at the South Sound Technology Conference in 2016 and 2017.

Provided presentation on 'Building a Computer Network Immune System' at (ISC)² Security Congress in Anaheim, California during September of 2015.

Published 'Columbia Generating Station Energy Storage Proposal' and presented at IEEE Green Technologies Conference in Corpus Christi, Texas in April of 2014.

Published Master's Capstone 'Cyber Immune System Secure Operational Response' at University of Washington August of 2014.

Provided presentation on 'Cyber Immune System Secure Operational Response' at the Cyber Security Training Forum, in Colorado Springs, Colorado - August 2014.

'Short and Long-Term Energy Storage for Enhanced Resilience of Electric Infrastructures' presented at International Renewable Energy Congress in Hammamet, Tunisia during March 2013.