

## FACULTY TEACHING TECHNICAL/OCCUPATIONAL AND OTHER COURSES

Instructor Name	Proposed Program Course	Degree Earned	Practical Work Experience		
	Title(s) / Number(s)	Include: Subject, Credential, Year & Institution(s)	<ul style="list-style-type: none"> <li>▪ Minimum of four (4) years' work experience in the subject area.</li> <li>▪ Earned doctorate degree or other terminal degree in a related field of study.</li> <li>▪ Instructional experience does not qualify as practical work experience.</li> </ul>		
			Job Title, Place of Employment, and Description of Work Experience	From (m/y)	To (m/y)
<b>Dr. Zhijun (William) Zhang</b>	CSIS536 - Computing Operation Systems & Cybersecurity CSIS636 - Database System Management & Assurance LAM611 - Project Management ITSM612 - Technology Entrepreneurship	Computer Science, Ph.D., University of Maryland, 1999	Security Architecture Lead, World Bank Group (USA), Washington, DC 20433;	7/1/2009	Present
			<ul style="list-style-type: none"> <li>• The work of my team covers security architecture framework, secure design patterns, threat models, security automation through DevSecOps and security-as-code;</li> <li>• Security and privacy risks and controls in emerging technologies such as Cloud, Big Data, Blockchain, Deep Learning, 5G, etc.; Blockchain-based Identity, trusted computing with verifiable proofs.</li> </ul>		
<b>Dr. Xiaoliang (Leon) Zhao</b>	MSIT546 - Cloud Computing Technology CSIS570 - Enterprise Security Technologies CSIS636 - Database System Management & Assurance IAM640 - Information System Auditing and Monitoring	Computer Science, Ph.D., North Carolina State University, 2002	Sr. Backbone Capacity Planner, Time Warner Cable, Herndon, VA,	7/1/2011	Present
			<ul style="list-style-type: none"> <li>• As one of the core members of TWC backbone capacity planning team, working on traffic growth projection, traffic analysis, failure simulations and delivery of annual network augmentation plan.</li> <li>• Used WANDL MIND tool to evaluate TWC backbone design with multi-layer network modeling and CapEx cost modeling.</li> <li>• This work discovered a more cost-optimal network design and eventually led significant changes to TWC backbone.</li> </ul>		
<b>Dr. Gulsebnem Bishop</b>	LAM611 - Project Management LAM630 - Management of Innovation and Technology Change IAM640 - Information System Auditing and Monitoring	Computer Study, Ph.D., Pace University, 2006	PROJECT MANAGER The Wilderness Society, Washington, DC	1/3/2002	12/30/2013
			<ul style="list-style-type: none"> <li>• Provide leadership and direction for meeting the IT needs of the organization.</li> <li>• Provide critical systems management and data analysis services as well as databassecurity and training to the Membership, Development and Communications teams.</li> <li>• Supervise all database needs to ensure integrity, timeliness of data analytics needs and that the needs are consistent with TWS strategic plan, policies, and IRS requirements.</li> <li>• Establish and maintain internal business rules and processes for importing</li> </ul>		
<b>Dr. Jim Chen</b>	CSIS536 - Computing Operation Systems & Cybersecurity CSIS650 - System Architect and Cybersecurity MSIT546 - Cloud Computing Technology MAM622 - Advanced Analytics & Modeling	Computer Science, Ph.D., University of Central Florida, 2002	MBDES System Architecture Expert Consultant, The US Department of Defense, Washington, DC;	6/1/2012	8/30/2021
			<ul style="list-style-type: none"> <li>• Provide SME advising for MBDES system design, development, implementation, maintenance, update, etc.;</li> <li>• Security and privacy risks and controls in emerging technologies such as Cloud, Big Data, Blockchain, Deep Learning, 5G, etc.; Blockchain-based Identity, trusted computing with verifiable proofs.</li> </ul>		

			Job Title, Place of Employment, and Description of Work Experience	From (m/y)	To (m/y)
<b>Dr. Rafael Garcia-Reilly</b>	DMA621 - DBMS Design and Analysis DMA638 - Big Data Analytical Intelligence DMA651 - Advanced Topics in Database Design & Management MSIT511 - Management of Information Technology	Information Management Systems, Ph.D., Stevens Institute of Technology, 2002	Development Advisor and Release Support Lucent Technologies, Murray Hill, NJ <ul style="list-style-type: none"> <li>Senior System Analyst responsible for staffing and training the Inferno/Limbo project.</li> <li>Lead development of Client /Server operating systems, including Limbo programming.</li> <li>Directed the installation and integration of platform networking, server/client administration and OS development.</li> <li>Supervised integration using: Windows, UNIX, Sun/Solaris, HP/UX, Sun/OS systems.</li> </ul>	1/3/1995	12/30/1999
<b>Dr. Yuan (John) Jiang</b>	CSIS665 - Disaster Recovery & High Availability MSIT528 - Enterprise IT Application and Integration IAM647 - System Assessment & Security Risk Analysis CSIS650 - System Architect and Cybersecurity	Computer Science, Ph.D., Columbia University, 1991	Senior Director of HCM Cloud Operations Security SAP, Reston, VA <ul style="list-style-type: none"> <li>Building a tier-3 Operations Security team</li> <li>Defined the mission and goal of the team – to become the leader in Cloud security</li> <li>Plotted the vision and architecture of HCM cloud security</li> <li>Defined information security policies, standards and procedures</li> <li>Managed deployment projects</li> <li>Risk Management &amp; Migration</li> </ul>	9/1/2015	Present
<b>Dr. Paul (Shuangbao) Wang</b>	IAM647 - System Assessment & Security Risk Analysis MSIT525 - Information Systems Analysis and Design ITSM612 - Technology Entrepreneurship LAM630 - Management of Innovation and Technology Change	Computer Science, Ph.D., George Mason University, 2004	Chief Information and IT Security Officer (CIO/CISO), National Biomedical Research Foundation, Bethesda, Maryland, <ul style="list-style-type: none"> <li>Conducted entire foundation information system management, information security strategy, planning, policy, implementation, and networking architecture, security and infrastructure.</li> <li>EMR/EHR/PHR systems security and medical informatics. Managed four journals and setup a national network for the organization. NBRF is famous for inventing the first CT scanner and being the pioneer in health informatics. Paul was directly under Dr. Robert S. Ledley, the inventor of body CT scanner.</li> </ul>	1/15/2006	12/30/2009
<b>Dr. Sean (Xusheng) Wang</b>	MSIT511 - Management of Information Technology MSIT525 - Information Systems Analysis and Design MSIT690 - Capstone Project CSIS 570 - Enterprise Security Technologies	Information Technology, Ph.D., George Mason University, 2003	Director of Office of Information Technology, DC Government, Washington, DC 20003, <ul style="list-style-type: none"> <li>Maintain several Oracle database systems</li> <li>Developed a web-based dashboard to display jail inmate count information on large monitors</li> <li>Employee Accounts Management System Developed a web application for tracking employee application accounts in DC DOC</li> <li>Developing a web application for tracking incidents in DC Government</li> </ul>	1/2/2016	Present
			Job Title, Place of Employment, and Description of Work Experience	From (m/y)	To (m/y)

<p><b>Dr. Yongzhi (George) Zhang</b></p>	<p>MSIT540 - Network Systems Design and Management MAM622 - Advanced Analytics &amp; Modeling MSIT528 - Enterprise IT Application and Integration CSIS665 - Disaster Recovery &amp; High Availability</p>	<p>Electrical &amp; Computing Engineering, Ph.D., University of Utah, 1994</p>	<p>Sr. Consultant, Aczen Technology, Inc., Germantown, MD</p> <ul style="list-style-type: none"> <li>Designed and upgraded core network architecture based on Cisco ASR 9000 router platform.</li> <li>Designed the new Internet edge and BGP routing architecture. Upgraded to the two new ISPs.</li> <li>Designed and implemented new Extranet architecture based on server different options: dark fibers, T1 lines, and MPLS L3 VPN.</li> </ul>	<p>4/1/2007</p>	<p>Present</p>
<p><b>Dr. Xi Jiang</b></p>	<p>MSIT540 - Network Systems Design and Management</p>	<p>Electrical Engineering, Ph.D., University of Washington, 1989</p>	<p>Senior Director, Applied Physics Laboratory Johns Hopkins University Baltimore, MD</p> <ul style="list-style-type: none"> <li>DOD Wideband Global Satellite, Remote Monitoring and Control Equipment System Leading system engineer. Supervised system design, develop, testing and deployment.</li> <li>Authored the Technical Profile of joint tactical network management.</li> <li>Department of Homeland Security. Digital Policy Management for Attribute Based Access Control.</li> <li>Served as subject matter expert (SME) on policy-based management. Developed DPM system framework</li> </ul>	<p>7/1/2006</p>	<p>Present</p>
<p><b>Dr. Jimmy Tsai</b></p>	<p>MSIT690 - Capstone Project DMA621 - DBMS Design and Analysis DMA638 - Big Data Analytical Intelligence</p>	<p>Electrical and Computing Engineering, Ph.D., Chinese Culture University, 1989</p>	<p>R&amp;D Section Director Government of Taiwan, Taipei, Taiwan,</p> <ul style="list-style-type: none"> <li>Satellite communication, telecommunication signal process</li> <li>Established Remote Sensing Image Process Section and conducted remote sensing imagery processing and interpretation and promoted the establishment of remote sensing ground station.</li> <li>Established Advanced Communication Laboratory and conducted around 40 different Scientific-related research projects and supervision.</li> </ul>	<p>7/1/1988</p>	<p>7/1/2006</p>