Christopher M. Garcia, MSCIT, BAH, BA, CTO, CFII-SEMELS

Assistant Professor, Information Systems, Computer and Cyber Sciences
Program Director, M.S. in Information and Cyber Security Degree Program
Anderson College of Business and Computing, Regis University
3333 Regis Boulevard
Denver, Colorado 80221

Regis University, Anderson College of Business and Computing

January 2016 to Present   Assistant Professor, Information Systems, Computer and Cyber Sciences

Christopher serves as an Assistant Professor within the Anderson College of Business and Computing. His focused responsibility is to serve as the Program Director both the M.S. in Information and Cyber Security degree program and the M.S. in Information Assurance degree programs. These duties include to lead the academic direction of the programs, instruct graduate classes, focused responsibility for the course maintenance and schedules, affiliate faculty scheduling, and to serve as the academic faculty advisor.

January 2008 – January 2016   Affiliate Faculty

Christopher served as affiliate faculty member supporting online instruction within the M.S. Information Technology Management program of study and supported fourteen thesis development contracts as a thesis advisor. He instructed at least two classes a semester, developed numerous new sections, and received superior feedback from leadership and students.

Clarion River Group, Inc.

September 2019 to Present   Senior Cyber Security and Management Consultant

Christopher serves as a subject matter expert in support of clients and organizations providing cybersecurity consultation, technical expertise, union negotiations and senior executive-level business development, industry and federal, local, municipal, tribal and county government with insights and expertise.

Calibre Systems, Inc.

December 2013 – January 2015   Cyber Security Principal Consultant

Christopher served as a Senior Cyber Security Principal Consultant providing senior cybersecurity consultation and technical expertise, and offered senior-level business development expertise, industry and government knowledge. Utilized C-level leadership capabilities to ensure success until contract expired.

Department of Transportation, Federal Aviation Administration

October 2007 – October 2013   Director, DOT/FAA Cyber Security Management Center

Christopher designed and managed the cyber security response program for the FAA networks while maintaining program responsibility as the functional manager and practitioner of threat identification, remediation and incident response mechanisms. With over a $30M annual budget he led the protection, detection, response, actionable intelligence, and network media analysis relating to cyber incidents and cyber terrorism. Christopher managed over 200 employees located at five facilities nationwide and directed cyber security operations at Security Operations Centers (SOC) located in Colorado, Virginia, and Pennsylvania.

August 2011 – April 2012   FAA Director, Information Security, Chief Information Security Officer

As the CISO, Christopher led the FAA's enterprise information security program as the sole senior executive that manages an annual budget of $50M, 13 offices and facilities nationwide, and 1152 employees. With a diverse program of eight major projects, and a responsibility to ensure the safety of the National Airspace System, the program responsibilities were worldwide in their reach and global impact.

March 2001 – September 2007   Program Director, FAA Cyber Security Incident Response Center

As the founding Director, Christopher planned, developed, constructed, and implemented to full operating capability the agency's security operations center. A 24x7 facility offering the detection and response to cyber incidents and terrorism, he managed all aspects such as operations, budgeting, hiring and procurement for five locations nationwide and operational locations located throughout the world. The center was modeled on Christopher's authored federal approach of a process to incorporate disparate security operations centers titled the *Centers of Excellence, Situational Awareness and Incident Response (COESAIR).*

February 2000 – February 2001   Program Manager Outreach, Office of Information Systems Security

Christopher established a team of U.S. delegates to support the creation of an annex to the International Civil Aviation Organization (ICAO) tri-yearly proceedings. The annex began the process to establish international standards for cyber security responsiveness to threats to international aviation on a global scale.

January 1999 – January 2000   Executive Officer, Airway Facilities Operational Support

Christopher managed the technical operations and field support units providing second-level support of the systems of the National Airspace System ensuring the safety and security of the nation's highways in the skies.

1982 – 1998   FAA Operations Supervisor and Journeyman Air Traffic Control Specialist
1979 – 2002   FAA Certificated Flight Instructor, Commercial and On-demand Part 135 Charter Pilot
1979 – 2013   Instructor, Aviation Science, Spanish Language, ESL, ATCS RADAR and Non-RADAR
                       Valley Forge Military College, Villanova University, Pinebrook Junior College, NDU CIC

Education

2007   M.S. Computer Information Technology: Executive Information Technology, Regis University
1980   B.A.H. Honors Humanities, Villanova University, Villanova, Pennsylvania
1980   B.A. Political Science, Villanova University, Villanova, Pennsylvania
1978   ROTC Diploma, Valley Forge Military Academy and Junior College, Wayne, Pennsylvania

Publications

Garcia, C. & Rautio, S. (2020). *Importance of the Servant Leader in Management and Labor Union Partnerships.* Managing the Skies. Summer 2020 Vol. 18, No. 4. faama.org

Rautio, S., & Garcia, C. (2019). *Importance of the Relationship: Using checklists to improve discussions.* Managing the Skies. May/June Vol. 17, No. 3. faama.org

Lindoo, E., & Garcia, C. (2017). *An Engineering Approach to Teaching APA Style in the CIS Curriculum.*
Journal of Computing Sciences in Colleges CCSC Rocky Mountain Region 2017 Conference

Garcia, C. (2014). Jesuit Higher Education: A Journal (JHE). *Information Technology Ethics - The Future of Our Jesuit Education*, September 16, 2014 - Fall 2014 Issue

Garcia, C. & Pross, J. (2012). *Managing Changes to Response Mechanisms in Human Cyber Behavior*. ATCA Aviation Cyber Security. June, 2012 Conference

Federal Aviation Administration Certifications

FAA Control Tower Operator (CTO) Philadelphia, Allentown-Bethlehem-Easton, Reading, Pennsylvania
FAA ATC RADAR Certification, Philadelphia & Reading TRACABs, ABE & N90 Approach
FAA Automation Specialist Certification (AUS) New York TRACON (N90)
FAA Certificated Flight Instructor (CFI), Single Engine, Multi-Engine, Land and Sea
     5000 TT, 2500 PIC hours in High-performance Complex, Part 135 PIC, Air Ambulance, Seaplanes
FAA Certificated Ground Instructor (CGI), Basic and Advanced
FAA Certificated Weather Observer (NOAA)

Leadership Training & Recognition

2018 - 2020	Regis University Inclusive Excellence Fellowship – Two-Year Appointment
2019	Regis University College of Computer and Information Sciences Service Award
2018	Regis University College of Computer and Information Sciences Service Award
2018	College of Computer and Information Science - Service Above & Beyond Award
2016 - 2017	Regis University Senior Leadership Faculty Development Cadre
2016 - Present	Association for Computing Machinery, Professional Member
2015 - 2020	Regis University College of Computer and Information Sciences Executive Advisory Board Member and Chairman – Five Year Appointment
2010 - 2014	FAA Leadership and Service Awards
2009	Vanderbilt University Owens Graduate School Executive Leadership Program Graduate Certification
2008	Government Computer News Federal Government Technology Leadership Award https://gcn.com/Articles/2007/10/07/Agency-AwardFederal-Aviation-Administration--Protect-and-serve.aspx?m=1
2007	Technology Leadership Award Government Computer News, Washington, DC
2006	National Defense University CIO Program Certification
2004	National Defense University CNSS No. 4011, 4012, & 4013 certifications
2003	Federal Executive Institute Leadership for a Democratic Society
2002	The Brookings Institute
1985-2001	FAA Achievement Awards
1983	FAA Control Tower Operator (RADAR Qualified)
1982	FAA Air Traffic Control Academy - Oklahoma City, Oklahoma
1981	FAA Certificated Flight Instructor - Airplane Single Engine, Multi-Engine, Land & Sea
1980	Legion of Honor, Chapel of the Four Chaplains, Philadelphia, Pennsylvania
1978	Valley Forge Military Academy and Junior College, Order of Anthony Wayne