

# SHARI PLANTZ-MASTERS

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## ACADEMIC DEAN – COLLEGE OF COMPUTER AND INFORMATION SCIENCES

**Innovative Technologist and Leader** with significant experience delivering creative, value-driven offerings. Proven leadership experience ranging from evaluating technology, analyzing market needs to provide in demand solutions. Highly data-informed leader, committed to designing coherent programs with a wide range of technical domain expertise and business acumen. Entrepreneurial and founder of successful consultancy showcasing ability to drive change through consensus within an organization.

### CORE COMPETENCES

- ✓ Software Development Lifecycle (SDLC)
- ✓ Capacity Management
- ✓ Risk Management
- ✓ Portfolio and Program Management
- ✓ Team Building and Development
- ✓ Stakeholder Engagement
- ✓ Agile Project Management
- ✓ Organizational Learning Leadership
- ✓ Strategic Planning and Development

### EXECUTIVE EXPERIENCE

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#### FOUNDING ACADEMIC DEAN

#### COLLEGE OF COMPUTER AND INFORMATION SCIENCES

*Regis University* | Denver, CO

May 2015 – Present

#### Key Achievements:

- ❖ Responsible for launching MS in Data Science, FY19 revenue \$2.25 M.
- ❖ Responsible for launching BS in Cybersecurity, which is exceeding early enrollment projections.
- ❖ Restructured academic governance process to expedite curriculum changes designed to improve student success and retention.
- ❖ Revised or terminated 2 undergraduate programs and 5 graduate programs with lagging enrollments and reallocated, appropriately, faculty resources.
- ❖ Earned multiple grants from NSA, including \$800,000 grant to build BS in Cybersecurity, expand Cyber Range, and to host Colorado National Guard cybersecurity annual exercises.
- ❖ Responsible for hosting and operating the Rocky Mountain Collegiate Cyber Defense Competition,
- ❖ Partner with Advancement to establish donor funding sources that grew from \$0 to \$75,000.

#### Key Duties:

- Determine strategic direction of college through degree programs, academic culture, and industry partnerships while contributing to the university's mission to educate students (traditional and post traditional) to make a positive impact in the workforce.
- Lead academic and operational development across the college.
- Troubleshoot and correct complex issues with an emphasis on real-time and historical data rendering.
- Lead outreach to industry.

#### **VICE PRESIDENT – NETWORK PLANNING**

1987-2000

*U S WEST* | Denver, CO

#### Key Achievements:

- ❖ Responsible for the roll out of consumer broadband service Digital Subscriber Loop (DSL).
- ❖ Allocate and manage \$2 billion capital budget, \$200 million expense budget, 400 employees.
- ❖ Launch outsource program to convert engineering documents to CAD

#### Key Duties:

- Direct organization to plan capital investments for 14 state network infrastructure to maximize the implementation of high speed network services to the curb.
- Oversee network optimization modeling, network planning, expert witness testimony, engineering, methods and procedures development, and standards contributions to national and international bodies.

#### **DIRECTOR – VIDEO AND MULTIMEDIA PRODUCT DEVELOPMENT**

#### Key Achievements:

- ❖ Launched 2 new conferencing services (Video conferencing and multimedia conferencing) with a revenue stream of

\$135M.

- ❖ Terminated revenue losing regulated circuit switched video service.

**Key Duties:**

- Responsible for product initiation, resourcing launch and operations.
- Responsible for marketing, engineering, vendor management, and service operations.

**DIRECTOR – DIGITAL TELEVISION ENGINEERING AND DEVELOPMENT**

Responsible for design, development and implementation of innovative consumer digital television service.

**DIRECTOR – INTERNET DEVELOPMENT**

Responsible for design, implementation and operation of the first Internet service and for the of Streaming Video service (IPTV)

**DIRECTOR – PRODUCT ACCOUNT MANAGEMENT**

Developed relationships with business partners by evaluating the business organization's needs and proposing solutions from the R&D arm. Developed new business and managed a \$25 million portfolio.

**SENIOR DIRECTOR – DATA NETWORK DESIGN AND ENGINEERING**

**DIRECTOR – LAB AND SYSTEMS MANAGEMENT**

## ACADEMIC EXPERIENCE

Regis University | Denver, CO

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### EDUCATION ADMINISTRATIVE EXPERIENCE

**Founding Academic Dean & Professor** – College of Computer and Information Sciences **2015-present**

**Key Achievements:**

- ❖ Lead Strategic Planning Process for University
- ❖ Launched MS in Data Science (\$2.25 annual revenue stream).
- ❖ Launched BS in Cybersecurity (Exceeding early enrollment projections)
- ❖ Launched accelerated academic certificates in Full Stack and DevOps
- ❖ Increased Regis University reputation in the Information Technology (IT) industry in Colorado (RU produces more IT graduates than any other Colorado based University - CollegeMeasures.org)
- ❖ Increased retention
- ❖ Launched the Center for Common Good Computing to promote ethics and the betterment of society through computing.

**Interim Associate Dean** – College of Computer & Information Sciences

**2014-2015**

**Key Achievements:**

- ❖ Led faculty and staff to develop new processes and procedures for operating the new college through collaboration with admissions, academic records and registration, student services, and other colleges on campus.
- ❖ Re-engaged the CC&IS Executive Advisory Board. As a result, follow on meetings led to Rocky Mountain Collegiate Cyber Defense Competition (RMCCDC) sponsorship.
- ❖ Reached out to industry leaders, and recruited new members to the CC&IS Industry Advisory Council.
- ❖ Proposed Speaker Panel series to Executive Board and Industry Council to build up the CC&IS reputation. Board members expressed interest to support panels with time and money.

**Key Duties:**

**Chair** – Information Systems Department

**2010-2013**

**Key Achievements:**

- ❖ Lead development and operations of 3 graduate degrees (MS in Database Technologies, MS in Software Engineering and Database Technologies and MS in Information Technology Management).
- ❖ Lead development and operations of 2 undergraduate degrees in (BS in Business Technology Management and BS in Computer Information Systems)
- ❖ Partnership with National University of Ireland at Galway (NUIG)

**Key Duties:**

- Develop and manage faculty and develop plans to increase visibility of programs

**Program Coordinator** – MS in Information Technology Management Program

**2002-2013**

**Key Achievements:**

- ❖ Created MS in ITM program to educate leaders in Information Technology. Built ITM program to 150 students after the launch in 2007.
- ❖ Engineered and maintained partnership with global leader in Enterprise Resources Planning (ERP) systems, SAP.
- ❖ Created the graduate certificate in Enterprise Resources Planning (ERP) that was designed to help individuals get to work. The certificate accepted students from all disciplines and provided them with education and experiential learning to build marketable skills.

**Key Duties:**

- Recruit executive level IT professionals (CIOs, Executive VPs in Software and IT field) for faculty
- Designed and implemented a team approach to recruited advised students.

**FOUNDER AND PRESIDENT**

**Indian Peaks Technology Group** | Lafayette, CO

**2000-PRESENT**

**Key Achievements:**

- ❖ Grew business by providing requirements engineering, management consulting, and project management consulting to Fortune 500 telecommunications providers.

**Key Duties:**

- Conceived, architected, and managed development of professional grade videography support systems.

**TEACHING EXPERIENCE**

**Regis University** | Denver, CO

**1996-2002**

Professor (2015)

Associate Professor (2013)

Assistant Professor (2002)

Information Technology Concepts, Strategic Information Technology, Ethics in Information Technology, Information Technology Project Management, Knowledge Management, Emerging Technologies, and Supply Chain Management. Research Advisor for graduate thesis students.

Affiliate Faculty (1996)

**SUNY** | Buffalo, NY

**1985-1986**

**CURRICULUM DEVELOPMENT**

Regis University, Denver, CO

- Information Technology Ethics MSCI 610
- Strategic IT - MSCI 600
- Presentation of Technical Materials - MSCC 620
- Supply Chain Management - MSCI 625
- Information Technology Research Methods - MSCC 697
- Information Technology Graduate Capstone - MSCC 693
- Graduate Thesis – MSCC 698
- Information Technology Concepts - MSCC 610
- Enterprise Architecture - MSCC 630
- E-Commerce Technology Management – MSCI 620

**SERVICE**

ABET (Accreditation Board for Engineering and Technology) Computing Accreditation Commission (CAC)  
2007-Present

- Executive Committee (2016-2019)
- Commissioner (2013 to present)
- ABET Training Council (2012 to present)
- Member of CAC Continuous Improvement Committee (2012-2018)
- Program Evaluator (2007 to 2013)

Computer Science Accreditation Board (CSAB) – Board of Directors (2019 to present)

Hack4Colorado - Founding organizer for 2013 and 2014 Hackathon

Co-organizer, “All Things Mobile” Conference, Denver, CO. August 19, 2012 3

## Regis University

### *University Service*

- Institutional Review Board (2010-2015)
- Center of Excellence for Teaching and Learning (CETL)
  1. Advisory Board (2011 to 2015)
  2. Search committee for Director
- College of Professional Studies Brand Marketing Committee 2012
- Search Committee for Founding Dean College of Business and Economics 2014-2015
- Search Committee for Regis University Chief Information Officer 2012
- Search Committee for MBA Curriculum Faculty
- Search Committee for Associate Dean, Dual Language 2012
- Search Committees for Instructional Designer 2010
- School of Professional Studies Retention Committee 2005
- School of Professional Studies Faculty Development and Evaluation Committee 2006/2007

### *School of Computer & Information Sciences*

- Learning Assurance Committee, Chair
- SCIS Graduate Learning Assurance Committee, Chair
- SCIS Undergraduate Learning Assurance Committee, Chair
- SCIS Leadership Council
- Undergraduate Accreditation Self Study Team
- Graduate program Academic Unit Review Coordinator

## SCHOLARSHIP

### PUBLICATIONS

Ku, H.-Yu, Plantz-Masters, S., Hosler, K., Diteeyont, W., Akarasriworn, C., & Lin, T. -yih. (2012). An Analysis of Educational Technology-Related Doctoral Programs in the United States. In M. Orey, S. A. Jones, & R. M. Branch (Eds.), *Educational Media and Technology Yearbook*, 36, 99- 112. New York, NY: Springer New York.  
doi:10.1007/978 -1-4614-1305-9.

### CONFERENCE PRESENTATIONS

Plantz-Masters, S. (2013). Knowledge Visualization, Tools, and Processes in Virtual Team Collaborative Problem Solving. Presented at the 2013 36th Annual Association for Educational Communications and Technology (AECT) Conference. October 29 -November 1, 2013. Anaheim, CA.

Plantz-Masters, S. (2009). A Study to Explore Adult Learning Implications of Video Content in an Online Learning Environment. Presented at the 2009 32nd Annual Association for Educational Communications and Technology (AECT) Conference. October 28-31, 2009. Louisville, KY.

### OTHER PRESENTATIONS AND PUBLICATIONS

Plantz-Masters, S., and Thompson, L. (2011). Plagiarism Proof Assignments. Presented at the Regis University CPS Faculty Development Conference. May, 2011.

## **REVIEWS**

Peer Reviewer for ACM SIG-MIS Computers and People Research 2014  
Peer Review for Special Interest Group, Computer Science Education of the ACM since 2012  
Peer Reviewer for the Association for Educational Communication and Technology 2013 Conference: Innovate! Integrate! Communicate!  
Served as Peer Reviewer for proposals to the Teacher-Scholar Forum at Metropolitan State University, Denver; February 22, 2013.  
Peer Reviewer for Journal of Information Systems Education since 2012

## **WORKSHOPS AND CONFERENCES**

Association for Educational Communication and Technology 2013 Conference: Innovate! Integrate! Communicate! SAP Curriculum Congress, Milwaukee, WI, February, 2013

Colorado Technology Association DemoGala, Denver CO, October, 2012 QM Applying the QM Rubric Workshop on April 11, 2012  
SAP Curriculum Congress, San Antonio, TX, March 2012

Colorado Technology Association DemoGala, Denver CO, October, 2011

ASIS&T 2011 Annual Meeting, New Orleans, Louisiana. October 9 -12, 2011, “Bridging the Gulf: Communication and Information in Society, Technology, and Work”  
SAP Curriculum Congress, Charlotte, NC, March 2010

AECT's Annual International Convention, Louisville, Kentucky, October 28 - 31, 2009 SAP Curriculum Congress, Atlanta, GA, March, 2009

## **MEMBERSHIPS**

ACM (Association of Computing Machinery)

ABET (Accreditation Board for Engineering and Technology)  
Association for Educational Communications and Technology (AECT)  
Association of Information Technology Professionals (AITP)  
Coolest Women We Know (CWWK)  
Colorado Technology Association (CTA)  
Computer Science Accreditation Board (CSAB)  
Institute of Electronic and Electrical Engineers (IEEE) Computer Society  
International Society for Ethics and Information Technology (INSEIT)  
Rocky Mountain Information Management Association (RMIMA)

## **EDUCATION**

**Ph.D.**, *Educational Technology*, University of Northern Colorado, 2013  
Dissertation: *Exploring Knowledge Visualization, Tools, and Process in Virtual Team Collaborative Problem Solving*  
**MS**, *Telecommunications Engineering*, University of Colorado, Boulder, CO 1984  
Thesis: *Private Voice Networks: Design And Optimization, Implementation, And Maintenance*

**BS**, *Economics and Political Science*, University of Colorado, Boulder, CO 1982