

Dianna Cichocki

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ACADEMIC EXPERIENCE

UNIVERSITY AT BUFFALO, Buffalo, NY, *Clinical Assistant Professor, August 2011 - Present*

MGQ201 – Introduction to Statistics and Computing - Familiarizes students with statistical concepts and computer skills which are valuable in a variety of life and work applications, as well as creates a foundation for more advanced coursework.

MGQ301 – Statistical Decisions in Management - Strengthens skills in the use of statistical methods for decision making and in the interpretation of computer output. Topics covered include estimation, hypothesis testing, regression, and analysis of variance.

MGQ408 – Business Analytics and Data Science - The goal of this course is for students to cultivate analytical and technical skills that enable them to extract meaning from large amounts of data. Students will think about how to use data to address different types of business problems and will employ techniques from analytics and data science to harvest and mine data, identify patterns, create predictive models, and put forth data-driven recommendations.

MGQ606 – Statistical Foundations of Analytics - This course covers the fundamental concepts in statistics that are essential for business and data analytics. Building on descriptive and predictive forms of analytics, students are introduced to the statistical concepts of data analysis. MS-Excel based data modeling will be used extensively throughout the exposition of the concepts.

MGG620 – Data Modeling – Spreadsheets are tremendously powerful tools; they provide the capability to manipulate complex data to supply information and to make decisions. This course is designed to enhance the skill of Excel users.

MGG633 – Model Managerial Process –The main focus of the course will be on modeling decisions in the spreadsheet environment, illustrated by applications from operations, finance, marketing, and human resources. The approaches and techniques for decision-making are useful throughout the firm, both within functional areas and for the essential management challenge of working across functional boundaries.

ERIE COMMUNITY COLLEGE, Buffalo, NY, *Department Chair, September 2009 – August 2011, Assistant Professor, September 2001 – August 2011*

MT112 – Survey of Mathematics - The objective of this one-semester course is to further develop students' interest in mathematics.

MT125 – College Algebra - The first course in a two-semester sequence of college algebra and trigonometry. The sequence is preparatory for an introductory or survey level of calculus. Basic algebra skills are reviewed and extended,

MT143 – Introductory Statistics I – This four-credit course includes concepts and computer skills which are valuable in a variety of life and work applications, as well as in more advanced coursework. This course will include topics from descriptive and inferential statistics.

PROFESSIONAL EXPERIENCE

MOOG, East Aurora, NY, *Data Visualization Consultant, January 2020 - present*

Conduct training sessions to improve data visualization communication.

MATERION ADVANCED MATERIALS, Buffalo, NY, *Excel Consultant, May 2020 – Dec 2020*

Conduct virtual training sessions to enhance introductory and intermediate excel skills.

MCGARD, Orchard Park, NY, *Data Visualization Consultant, November 2019*

Conduct training sessions to improve data visualization skills.

OPTIMUM PHYSICIAN ALLIANCE, Buffalo, NY, *Data Analyst Consultant, March – present*

Assist with creation of data models to be used for medical reporting purposes.

PEARSON PUBLISHING, *Faculty Advocate, May 2015 – May 2019*

Consult and share suggestions and advice on how to utilize MyStatLab with other educators.

ABC-AMEGA INC, Buffalo, NY, Excel Consultant, August 2016, August 2017, June 2018

Conducted half-day training sessions to enhance introductory and intermediate excel skills.

NEW ERA CAP, Buffalo, NY, Executive Education Instructor, August 2017

Created a training series titled, *Data: Telling Your Story*.

Created a program with to enhance participant's ability at communicating business-related implications of data analyses and to effectively communicate a story that provides practical implications.

FRESENIUS KABI USA, Grand Island, NY, Excel Consultant, May 2017

Conducted half-day training sessions to enhance intermediate excel skills.

M&T BANK, Buffalo, NY, Executive Education Instructor, May 2016

Created a training series titled, *Strategic Thinking for Planning, Analysis, and Decision-Making*.

Enabled Banking Services Managers to utilize a strategic process (creative & consultative) and tactical tools for effective planning, analysis and decision making.

SAPLING LEARNING, Austin, NY, Business Statistics Content Author, March 2015 - July 2016

Authored clear, engaging questions and solutions of varying difficulties, to test students understanding and application of concepts.

Authored hints and feedback to provide insightful diagnosis of student mistakes and misconceptions to coach students toward mastery.

EDUCATION

OSWEGO STATE UNIVERSITY, Oswego, NY

Master of Science in Curriculum & Instruction, May 1999

ST. JOHN FISHER COLLEGE, Rochester, NY

Bachelor of Arts in Mathematics, May 1996

UNIVERSITY-WIDE AND UNIT SERVICE

UNIVERSITY AT BUFFALO

Institutional Standing Committee on Assessment (2013 – present), Committee for Online Proctoring (2020 – present), Committee for University-Wide Course Evaluation (2013 – 2016), Campus Course Evaluation Implementation Sub-committee (2013 – 2015), Curriculum and Assessment Task Force (2013 – 2015), University Syllabus Development Committee (2013 – 2015)

UNIVERSITY AT BUFFALO, SCHOOL OF MANAGEMENT

Health & Safety Task Force (2020 – present), Faculty Coordinator UG Data Analytics Concentration (2018 – present), School of Management Teaching Effectiveness Committee (2015 – present), School of Management Assurance of Learning Coordinator (2012 - present), School of Management Course Evaluation Liason (2012 - present), Digital Access Working Group (2011 – present), School of Management Hybrid Learning Committee (2017 – present), School of Management Focus Group on Academic Integrity (2015 – 2016), School of Management Online Task Force (2013 – 2015)

ERIE COMMUNITY COLLEGE

Mathematics/Computer Science Department Chair (2009 - 2011), College Developmental Education Committee (2009 - 2011), College Distance Learning Committee (2008 - 2009), Co-Chair (2010 - 2011), College Campus Council (2009 - 2011), Mathematics/Computer Science Appointments Committee (2006 - 2007), Chair (2007 - 2009), Department Curriculum Committee Chair (2002 - 2008), Department Scheduling Committee (2004 - 2011), Department Developmental Committee (2001 – 2011)

AWARDS AND HONORS

SUNY ONLINE TEACHING AMBASSADOR, February 2021

SUNY Online Teaching accepts nominations from each SUNY institution annually to recognize outstanding SUNY online instructors as SUNY Online Teaching Ambassadors.

ARJANG A. ASSAD EXCELLENCE IN TEACHING AWARD, May 2020

Presented biennially to a School of Management faculty member who has demonstrated excellence in teaching, leadership and a passion for the profession.

OUTSTANDING FACULTY MEMBER AWARD, May 2019

Student nominated award based on teaching excellence.

FACULTY AWARD FOR ALUMNI ENGAGEMENT, December 2018

Presented by School of Management Alumni Association.

MILTON PLESUR EXCELLENCE IN TEACHING AWARD, May 2018

Student nominated award based on teaching excellence.

UNDERGRADUATE MENTOR OF THE YEAR, May 2017

Mentored students that won the Undergraduate Award for Excellence in Research.

HIGHER EDUCATION AWARD, NYSUT, June 2012

Recognition of leadership, high academic standards & positive relationships with students

NISOD EXCELLENCE AWARD, March 2010

Recognition for an outstanding commitment and contribution to students and colleagues.

PRESIDENT'S RECOGNITION AWARD, March 2010

Classroom or Alternative Instruction, Erie Community College.

SCHOLARLY PAPERS

Giddens, L., Amo, L.C., & Cichocki, D. 2020. *Gender Bias and the Impact on Managerial Evaluation of Insider Security Threats. Computers and Security.*

Amo, L.C. & Cichocki, D.M. 2019. *Disgruntled yet deft with IT: Employees who pose information security risk.* Paper accepted at ACM SIGMIS annual meeting, June 20 -22, 2019 in Nashville, Tennessee.

Amo, L.C., Giddens, L., & Cichocki, D.M. 2019. *The role of employee gender in managerial perceptions of employee IS risk.* Paper presented at IFIP IS Working Group 8.11/11.13 annual meeting, October 4 – 5, 2019 in Bossier City, Louisiana.

PUBLICATIONS

Cichocki, D. (2016, 2017) "Essentials of Inferential Statistics," *E-Assign LLC*

Krzystofiak F., **Cichocki D.** (2017) "Introduction to Data Modeling," *Lulu Publishing*

Krzystofiak F., **Cichocki D.**, & Amo, L.C. (2016) "Introduction to Data Modeling," *Lulu Publishing*

Krzystofiak F., & **Cichocki D.** (2016, 2017) "Data Modeling Mini," *Lulu Publishing*

PRESENTATIONS

"What is this Number: Creating a Story with Data," *Decision Science Institute (DSI) 2019, New Orleans, LA, November 2019*

"What is this Number: Creating a Story with Data," *American Society for Quality (ASQ) 2019, Buffalo, NY, October 2019*

"Data: Communicating Your Story. Best Practices for Data Visualization," *American Society for Quality (ASQ) 2018, Buffalo, NY, October 2018*

"Experiential Learning in a Data Analytics Course," *Decision Science Institute (DSI) 2016, Washington, DC, November 2017*

"Intermediate Excel Skills," *American Society for Quality (ASQ) 2017, Buffalo, NY, October 2017*

"Basic Statistics," *American Society for Quality (ASQ) 2016, Buffalo, NY, October 2016*

"IGNITE Learning Software for Classroom Level Learning Outcomes," *UB Assessment Day 2014, University at Buffalo, Buffalo, NY, November 2014*

“Academic Program Goal Revision and Restructure,” *UB Assessment Day 2014, University at Buffalo, Buffalo, NY, November 2014*

“Critical Thinking/Information Management Competencies,” *SCOA; Enhancing Excellence in Assessment, Genesee Community College, Batavia, NY, October 2014*

“IGNITE NYSMATYC,” *NYSMATYC Annual Conference, Glens Falls, NY, April 2013*

“XtraNormal to Enhance Lessons,” *NYSMATYC Annual Conference, Glens Falls, NY, April 2013*

“Delivering Instruction via Digital Access,” *Decision Science Institute (DSI) 2012, San Francisco, CA, November 2012*

“Math on the Web: Delivering Instruction via Digital Access,” *NYSMATYC Annual Conference, Ellenville, NY, April 2012*

“Innovative Teaching and Learning Sharing Session,” *AMATYC Annual Conference, Austin, TX, November 2011*

“Math on the Web: Beyond Tables – Introductory Statistics,” *NYSMATYC Annual Conference, Corning, NY, April 2011*

“Give your class some TLC,” *NYSMATYC Annual Conference, Corning, NY, April 2011*

“Erie Community College – Distance Learning,” *ECC Board of Trustees Presentation, February 2011*

“Beyond Tables – Introductory Statistics,” *AMATYC Annual Conference, Boston, NY, November 2010*

“Developmental Redesign,” *NYSMATYC Regional Conference, Williamsville, NY, October 2010*

“Connect with Online Students,” *ECC ANGEL Summer Camp, July 2010*

“Sharing Statistics,” *NYSMATYC Annual Conference, Ithaca, NY, April 2010*

“Using Camtasia,” *ECC College Day, March 2010*

“Interwrite Interactive Classroom – Gain your Freedom with the Interwrite Pad,” *ECC ANGEL Summer Camp, July 2009*

“Interwrite Clickers Presentation,” *ECC College Day, March 2009*

“Show Your Students Statistics,” *2009 NYSMATYC Annual Conference, Albany, NY, April 2009*

“Math on the Web: Projects in an Online Statistics Course,” *2008 NYSMATYC Annual Conference, Suffern, NY, April 2008*

PROFESSIONAL AFFILIATIONS

American Society for Quality (ASQ); Buffalo Chapter Board Member
Decision Sciences Institute (DSI)
Association to Advance Collegiate Schools of Business (AACSB)

COMMUNITY ACTIVITIES

CenterPointe Community Church, *Children’s Ministry Volunteer (2020 – present), Trustee (2015 – 2020), Small Group Leader (2015 – 2018), Missions Team Leader (2014 – 2016), FIT Team (2013 – 2016)*

Susan G. Komen Race for the Cure, *Walk of Hope (2012)*

St. Mary’s Elementary School, *Autumn Gold Co-Chair (2009 – 2014), GAO Fundraising Chair (2010 – 2014), Technology Committee (2009 – 2012), School Effectiveness Team (2006 – 2009, 2010 – 2012)*