



Profile

Learning scientist and educator who approaches complex problems with strategic, creative, and data driven analyses. I am passionate about learning, mindful of design centered communication, and skilled in applying cognitive science research and teaching expertise to 21st Century education and training.

Associate Professor of Psychology, College of St. Benedict/St. John's University: Saint Joseph, MN, USA — 2008-Present

Award winning educator (2015 Teacher of Distinction award). Applying Cognitive Science, Neuroscience and Developmental Psychology research to transform student abilities to think critically and apply knowledge to new challenges. Diverse research programs on the role of learning in developing apical cognitive capacities.

Chair of Joint Faculty Assembly & Joint Faculty Senate, St. John's University: Saint Joseph, MN, USA — 2018-2019

Vice Chair of Joint Faculty Assembly & Joint Faculty Senate, St. John's University: Saint Joseph, MN, USA — 2017-2018

Elected leader of over 300 Faculty. Member of Strategic Directions Council, President's Cabinet, Board of Trustees, and Academic Affairs. Led passage of institution wide curricular reform (Integrations Curriculum). Collaborative and creative leadership, extensive verbal, visual, and written presentations.

Developer, ElegantStatistics.com — 2015-Present

Creator of rich interactive graphical JavaScript applications to teach and demonstrate statistical principles. Self taught JavaScript/HTML/CSS.

Animator, Cinematographer, Film Editor — 2006-Present

Artistic problem solving that combines engineering, creative solutions, aesthetics and design intelligence. Passion for learning new skills to persevere through challenges. Intrinsically motivated.

Co-founder/Co-owner, Connexion Pizza Co-op, Santa Cruz, CA, USA — 1998-2000

Design, business planning, management, and cooperative governance of a restaurant and music venue.

Education

Ph.D.: Brain & Cognitive Sciences and Linguistics, University of Rochester, Rochester, NY, USA — 2008

Extensive research in Cognitive Science, Neuroscience, Developmental Science, Learning Theory, Linguistics, and Computational Modeling. Diverse perspectives on how we develop into individuals capable of extraordinary intellectual abilities. Dissertation: *Learning Hierarchical Structures from Miniature Languages*

BA: Psychobiology, BA: Linguistics, University of California, Santa Cruz, CA, USA — 2000

Research Experience for Undergraduates: Computer Science Department, University of North Dakota — 1999

Research Experience for Undergraduates: Center for Neural Basis of Cognition, University of Pittsburgh — 1998

Self directed combination of majors and research experiences to develop diverse background in solving complex problems in behavior and learning.

Skills

Quantitative: Data driven. Analytical. Multivariate statistics. Excel. SPSS. JavaScript.

Creative: Visual communication design. Articulate. Persuasive. Adobe CC. Powerpoint. Animation. Video.

Complexity Mindset: Strategic planning. Dynamic systems. Creative Questioner. Problem solver.

Learner: Flexible. Self teaching. Challenge seeking. Continuous development of new skills.

Collaborative: Teacher. Careful listening. Personal engagement. Equitable. Inclusive. Ambitious goals.

Languages: English (native), Luxembourgish (A2/Elementary)

Interests

Cycling, Running, Cooking