Dr. Benjamin Faber

+1 651 2063126

bfaber@csbsju.edu
Ben.Faber@elegantstatistics.com

410 Iris Lane NE
Saint Joseph, MN 56374

Profile

Cognitive & Behavioral Scientist who solves complex projects with creative and elegant solutions. I am passionate about applying my empirically rigorous design thinking process and broad knowledge to challenging business problems. Skilled at thinking fast and deep, learning, generating innovative inquiries, forming creative connections, and communicating with empathy to see around corners for deeper answers.

Associate Professor of Psychology, College of St. Benedict/St. John's University: Saint Joseph, MN, USA — 2008-2022

Award winning educator who transforms students' abilities to think critically by applying Cognitive Science and Neuroscience with elegantly designed creative pedagogies and empathetic listening. Developed numerous collaborative and diverse research programs to study behavior, cognition, and their physiological correlates.

Chair of Joint Faculty Assembly & Joint Faculty Senate, St. John's University: Saint Joseph, MN, USA — 2017-2019

Consultative leader of over 300 Faculty. Effective communication to varied stakeholders. Project management and strategic planning. Substantive record of achievements including passage of new institution wide curriculum, formation of first DEI faculty committee, policy writing and negotiations, and relationship building.

Founder & Developer, ElegantStatistics.com — 2015-Present

Creator of rich interactive graphical JavaScript applications to effectively teach statistical principles and processes. Self taught JavaScript/HTML/CSS. Self directed project management and UX testing.

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

Entrepreneurial business planning, management, and cooperative governance of 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 dynamic systems problems in behavior and learning.

Skills

Complex Process Mindset: Quick thinker and deeply reflective. Skilled information seeker and integrator.
Collaborative Communicator: Empathetic listener and articulate presenter. Expert at diverse collaborations.
Creative Connector: Sees around corners to underlying causes and future possibilities. Innovative questioner.
Organized and Quantitatively Fluent: Methodical data driven analysis, ideation, design, and development.
Optimistic Learner: Challenge seeker continuously developing new skills. Flexible, persistent, and self reliant.
Languages: English (native), Luxembourgish (A2/Elementary)

Interests

Cycling, Running, Cooking