

**SELECTED TEACHING SPECIALTIES AND RESEARCH
INTERESTS FOR BUSINESS AND INDUSTRY
Penn State Behrend Faculty**

- [Accounting](#)
- [Biology](#)
- [Chemistry](#)
- [Computer Science and Software Engineering](#)
- [Economics](#)
- [Electrical and Computer Engineering](#)
- [Electrical and Computer Engineering Technology](#)
- [Finance](#)
- [Geology](#)
- [History](#)
- [Management](#)
- [Management Information Systems](#)
- [Marketing](#)
- [Mathematics](#)
- [Mechanical and Industrial Engineering](#)
- [Mechanical Engineering Technology](#)
- [Nursing](#)
- [Physics](#)
- [Plastics Engineering Technology](#)
- [Project and Supply Chain Management](#)
- [Psychology](#)

ACCOUNTING

- CHARLES BROWN
Ph.D. CPA Accounting – Kent State University
Teaching Specialties: Intermediate financial accounting, cost/managerial accounting at both the undergraduate and graduate levels
Research Interests: Auditor decision making, market-based prediction and forecasting, applied managerial/cost accounting studies, accounting education issues
- ASHUTOSH DESHMUKH
Ph.D. CPA Accounting – University of Memphis
Teaching Specialties/Research Interests: Auditing and accounting information systems
- QI (FLORA) DONG
Ph.D. Accounting – Boston University
Teaching Specialties: Federal Taxation I, Federal Taxation II, Advanced financial accounting
Research Interests: Empirical tax research in accounting, empirical capital market research
- DAVID DORAN (Emeritus)
Ph.D. Accounting – University of Pittsburgh
Teaching Specialties/Research Interests: Financial accounting and managerial/cost accounting, market-based research studies and analysis of analysts' earnings forecast accuracy, applied managerial/cost accounting research
- LINDA HAJEC
M.B.A. CPA – Duquesne University
Teaching Specialties/Research Interests: Accounting, supply chain, warehousing, enterprise resource system, systems and documentation
- SHIN KWON
Ph.D. CPA, Accounting – Boston University
Teaching Specialties/Research Interests: Financial Accounting, managerial Accounting, Financial Statement Analysis, Financial Reporting, Earnings Quality, Mergers and Acquisitions, Information Uncertainty, Internal Control Deficiencies
- ROBERT PATTERSON
M.B.A. CPA – Penn State University
Teaching Specialties/Research Interests: Accounting, quantitative business analysis, finance

- SUKANYA RANGARAJAN
M.A. Accounting – Oakland University
Teaching Specialties/Research Interests: Financial statement analysis, financial and managerial accounting decision making

BIOLOGY

- PAUL BARNEY JR.
Ph.D. Plant Physiology – University of Kentucky
Teaching Specialties: First-year biology, protein structure and function, biochemistry, botany
Research Interests: Curation of the Arboretum at Penn State Behrend, bioinformatics, biochemistry of plants
- MICHAEL CAMPBELL
Ph.D. Plant Physiology – Rutgers University
Teaching Specialties: Cell and molecular biology, biology of vascular plants
Research Interests: Woody plant physiology, plant metabolism, genetic modification of plants, molecular biology, bioinformatics
- TODD COOK
Ph.D. Evolution and Systematics – University of Alberta
Teaching Specialties: Comparative and human anatomy, physiology, ichthyology, paleo biology
Research Interests: functional morphology, phylogeny, paleoecology, paleobiogeography of elasmobranchs (sharks and rays) from Mesozoic and Cenozoic deposits
- MATTHEW GRUWELL
Ph.D. Entomology/Organismic and Evolutionary Biology – University of Massachusetts
Teaching Specialties: Evolutionary biology, genetics, invertebrate zoology, entomology, advanced genetics, population genetics
Research Interests: Phylogenetics of insects and endosymbiotic bacteria, understanding the diversity of bacteria living in insects with limited diets such as plant- and blood-feeding insects
- LISA MANGEL
M.S. Biology – Edinboro University of Pennsylvania
Teaching Specialties: Mammalian anatomy, human physiology, human biology
Research Interests: Acquisition and distribution of science information, adult education, distance education, global education
- EDWIN MASTELLER (Emeritus)
Ph.D. Entomology – Iowa State University
Research Interests: Invertebrates of Presque Isle, Pennsylvania, monarch butterflies, mayflies of Lake Erie, native mussels of the Pennsylvania Region of Lake Erie, Trichoptera and Plecoptera of Pennsylvania Web site, Max Zellar at the Erie Zoo

- KELLY ANN MILLER
 Ph.D. Microbial Pathogenesis and Immunology – West Virginia University
Teaching Specialties: Microbiology, molecular biology, biochemistry, and immunology
Research Interests: Microbial pathogenesis: mechanisms by which bacteria cause disease and the host immune response to infection. Specifically, work has focused on spirochete motility (*Borrelia burgdorferi* and *Treponema denticola*) and pathogenesis of *Streptococcus mutans* (primary etiological agent of dental caries)
- BETH POTTER
 Ph.D. Molecular Virology and Microbiology – University of Pittsburgh
Teaching Specialties: Microbiology, immunology, bacterial pathogenesis
Research Interests: Apical surface of polarized epithelial cells as effective barrier to bacterial and viral infection
- PAMELA SILVER
 Ph.D. Biology – University of South Florida
Teaching Specialties: Ecology, limnology, experimental design
Research Interests: Freshwater ecology, aquatic insects, theoretical ecology, biostatistics
- JOHN STEFFEN
 Ph.D. Biological Sciences – Auburn University
Teaching Specialties: Cell and vertebrate physiology, visual signal physiology, animal behavior
Research Interests: Integrative biology, signal physiology, ecology and evolution
- JAMES WARREN JR.
 Ph.D. Microbiology – Clemson University
Teaching Specialties: Introductory biology, biochemistry, upper-level animal developmental biology
Research Interests: Molecular mechanisms of vertebrate development using the zebrafish as a model system, identification of molecules that regulate vertebrate development, developing technologies to manipulate gene expression in zebrafish
- TIA YOUNG
 Ph.D. Biomedical Sciences – State University of New York at Albany
Teaching Specialties: Introductory biology, molecular and cellular biology, immunology, virology, biotechnical methods, human anatomy, and physiology
Research Interests: RNA virus replication schemes including viral packaging and recombination, RNA viruses, influenza virus, severe acute respiratory syndrome (SARS) virus

CHEMISTRY

- JAY AMICANGELO
Ph.D. Physical Chemistry – University of Vermont
Teaching Specialties: Physical chemistry, general chemistry
Research Interests: Spectroscopy, matrix isolation, chemical vapor deposition intermediates, intermolecular complexes, computational chemistry
- LUCIANA ARONNE
M.S. Analytical Chemistry – Wayne State University
Teaching Specialties: General chemistry, analytical chemistry
Research Interests: Pedagogical
- DEBORAH ARUGUETE
Ph.D. Materials Physical Chemistry – University of California, Berkeley
Teaching Specialties: Environmental chemistry, environmental geochemistry, soil science, organic geochemistry
Research Interests: Nanomaterials in the environment, microbe-mineral interactions, urban geochemistry, and environmental geochemistry of platinum group and rare earth elements
- JASON BENNETT
Ph.D. Analytical Chemistry – Michigan State University
Teaching Specialties: Analytical chemistry, quantitative and instrumental analysis
Research Interests: Developing electrocatalysts to improve selectivity, lifetime of electrochemical sensors
- M. GRACE GALINATO
Ph.D. Chemistry – University of Connecticut
Teaching Specialties: Physical chemistry (quantum and thermodynamics), general chemistry, biophysical chemistry
Research Interests: Spectroscopy, functional and structural characterization of heme proteins
- TRACY HALMI
M.A. Chemistry – The University of North Carolina at Chapel Hill
Teaching Specialties: General and organic chemistry
Research Interests: Chemical education
- ALAN JIRCITANO
Ph.D. Inorganic Chemistry – University of Kansas
Teaching Specialties: General chemistry, inorganic chemistry, x-ray crystallography
Research Interests: Bioinorganic chemistry, structural chemistry, novel biometric transition metal complexes

- MICHAEL JUSTIK
Ph.D. Organic Chemistry – University of Akron
Teaching Specialties: Organic chemistry, spectroscopy
Research Interests: Chemistry of organic hypervalent iodine compounds, solid-phase organic synthesis, oxidation chemistry
- DAVID KIRBY
Ph.D. Chemistry – Penn State University
Teaching Specialties: analytical chemistry, general chemistry, nano and materials chemistry
Research Interests: Study of nanoparticle behavior in agricultural systems
- MARTIN KOCIOLEK
Ph.D. Organic Chemistry – University of New Hampshire
Teaching Specialties: Organic chemistry, biochemistry
Research Interests: Organic methodology and synthesis of heterocyclic compounds
- NATALIE MIKITA
Ph.D. Biological Chemistry – Case Western Reserve University
Teaching Specialties: Biochemistry, organic chemistry
Research Interests: Proteins and enzymes

COMPUTER SCIENCE AND SOFTWARE ENGINEERING

- CHRIS COULSTON
Ph.D. Computer Science and Engineering – Penn State University
Teaching Specialties: Digital design, computer architecture, embedded systems, FPGA synthesis, PCB design and fabrication, senior design
Research Interests: Network routing and optimization, Steiner Tree algorithms, embedded systems
- RONALD DEL PORTO
M.B.A. Organizational Behavior – Gannon University
Teaching Specialties: Systems analysis, networking, C++, Web page design, Excel, Visual Basic
Research Interests: Computer science and simulation, regular expressions
- GEORGE DUDAS JR.
M.B.A. – Gannon University
Teaching Specialties: Data communications, C#, Excel, Android app development
Research Interests: Computer networks and teaching pedagogy
- XIAOCONG (SIMON) FAN
Ph.D. Software Engineering – Nanjing University
Teaching Specialties: Software engineering, object-oriented methodology, principles of programming languages, artificial intelligence
Research Interests: Multi-agent systems, human-centric computing, cognitive modeling, machine learning, agent-oriented software engineering
- MELANIE FORD
B.A. Computer Science and Mathematics – State University of New York at Potsdam
Teaching Specialties: Computer programming for engineers
Research Interests: P-12 STEM outreach
- NASEEM IBRAHIM
Ph.D. Computer Science and Software Engineering – Concordia University
Teaching Specialties: Software Engineering, Object-oriented Analysis and Design, Software Architecture, Software Specification, computer Networks
Research Interests: Software Engineering, Service-oriented Architecture, Cloud computing, Formal specification, Trustworthy systems
- JALAA HOBLOS
Ph.D. Computer Science – Kent State University
Teaching Specialties: Computer networks, programming languages, operating systems, computer architecture, network security, data structures and algorithms
Research Interests: Communication networks, throughput degradation and fairness improvement in multi-hop wireless networks, cloud computing, statistical mathematics, data quality analysis

- MENG SU,
Ph.D. Mathematics – Southern Illinois University at Carbondale
Teaching Specialties: Data structures, algorithms, system software architecture, computer graphics
Research Interests: Data mining, machine learning, nonlinear analysis, numerical analysis
- WEN-LI WANG
Ph.D. Computer Science – State University of New York at Albany
Teaching Specialties: Object-oriented design, software architecture, software test and verification, game development
Research Interests: Software dependability, machine learning, optimization problems and power system network
- RICHARD ZHAO
Ph.D. Computing Science – University of Alberta
Teaching Specialties: Game development, game design, artificial intelligence, machine learning, programming methodology, C/C++, Python
Research Interests: Computer games, virtual worlds, artificial intelligence, machine learning, reinforcement learning, planning, scheduling

ECONOMICS

- KERRY ADZIMA
Ph.D. Economics – West Virginia University
Teaching Specialties: Applied Microeconomics
Research Interests: Public Choice and Economics of Education
- STEPHEN BRUESTLE
Ph.D. Economics – University of Virginia
Specialties/Research Interests: Microeconomics Analysis and Policy
- JOHN FIZEL
Ph.D. Economics – Michigan State University
Teaching Specialties: Economic micro-principles, Econometrics, Sports Economics, Economics of Strategy, Managerial Economics
Research Interests: Applied problems in microeconomics, sports economics, managerial economics, business decision-making
- JAMES KURRE (Emeritus)
Ph.D. Economics – Wayne State University
Teaching Specialties/Research Interests: Regional economics, economic development, microeconomics, philanthropy
- KENNETH LOUIE
Ph.D. Economics – University of Illinois
Teaching Specialties: International Trade and Finance; The Economics of Labor Markets; Macroeconomics; The Economy of China
Research Interests: Impact of international trade and finance on the domestic economy; Human resources and labor market performance; Local economic development; Economic development of China
- VAL VLAD
Ph.D. Economics – Southern Illinois University at Carbondale
Teaching Specialties/Research Interests: Development economics, international finance, international trade, environmental economics, managerial economics
- TRAVIS YATES
M.B.A – Penn State University
Teaching Specialties: Microeconomics
Research Interests: Local Imports/Exports

ELECTRICAL AND COMPUTER ENGINEERING

- CHRIS COULSTON
Ph.D. Computer Science and Engineering – Penn State University
Teaching Specialties: Digital design, computer architecture, embedded systems, FPGA synthesis, PCB design and fabrication, senior design
Research Interests: Network routing and optimization, Steiner Tree algorithms, embedded systems
- RALPH FORD
Ph.D. Electrical Engineering – University of Arizona
Teaching Specialties: Engineering design, computer vision, digital signal processing, microelectronics, software engineering
Research Interests: Digital signal processing, digital image processing, pattern recognition, computer vision
- THOMAS HEMMINGER
Ph.D. Electrical Engineering – Case Western Reserve University
Teaching Specialties: Linear circuits, communication systems, signals and systems, engineering design
Research Interests: Neural networks, pattern recognition, neural control, signal processing
- SUDARSHAN NELATURY
Ph.D. Electrical Engineering – Osmania University
Teaching Specialties: Signal processing, electromagnetics, energy conversion
Research Interests: Electromagnetics, energy conversion, nanocircuits and signal processing
- ROBIN PANDA
M.S. Electrical Engineering – University of Washington
Teaching Specialties: Digital Logic and VLSI
Research Interests: Reconfigurable architecture for high performance computing
- MOHAMMAD RASOULI
Ph.D. Electrical Engineering – University of Calgary
Teaching Specialties: Power systems, electric machines, control systems, signals and transformers, electric circuits and systems, power system protection, industrial power system design
Research Interests: power system analysis, modeling and control
- E. GEORGE WALTERS
Ph.D. Computer Engineering – Lehigh University
Teaching Specialties: Digital design, embedded systems, computer architecture, control systems
Research Interests: Computer architecture, computer arithmetic, embedded systems, mapping algorithms to FPGAs

- DERYCK YEUNG
Ph.D. Electrical and Computer Engineering – Georgia Institute of Technology
Teaching Specialties: Digital signal processing, microelectronics, control systems, linear circuits, and engineering design.
Research Interests: Digital signal processing, systems and control, optimization and optimal control, machine learning.

ELECTRICAL AND COMPUTER ENGINEERING TECHNOLOGY

- ROGER KUNTZ
B.S. Electrical Engineering – Penn State University
Teaching Specialties: Electrical circuit theory
Research Interests: Programmable logic controllers (programmable automation controllers), motors, controls, process lines motor variable speed control
- DAVID LOKER
M.S. Electrical Engineering – Syracuse University
Teaching Specialties: Communications systems, instrumentation and measurement systems
Research Interests: Wireless communications, sensors and signal conditioning, data acquisition
- XINWEI NIU
Ph.D. Electrical and Computer Engineering Technology – Florida International University
Teaching Specialties: digital logic design, Analog design, Embedded system, software programming
Research Interests: FPGA system design, Hardware Acceleration, Embedded system design, Hardware performance improvement
- STEPHEN STROM
B.S. Electrical Engineering – Carnegie-Mellon University
Teaching Specialties: Embedded programming, software architecture, electrical circuits
Research Interests: Data encryption, random number generation
- ROBERT WEISSBACH
Ph.D. Electrical Engineering – Arizona State University
Teaching Specialties: Power electronics, control systems, linear system theory, electric machines and power systems
Research Interests: Power electronics and controls, energy storage systems, power systems, renewable energy
- ZHIFENG XIAO,
Ph.D. Computer Science – University of Alabama
Teaching Specialties: Discrete Mathematics, Data structures and Algorithms, Computer Security, Computer Networking, Operating System
Research Interests: Cyber-security

FINANCE

- BRIAN BOSCALJON
Ph.D. Finance CFA – Texas Tech University
Teaching Specialties: Portfolio Theory and Corporate Finance
Research Interests: Asset Allocation, Wealth Management, Retirement Planning
- JEFF COY
Ph.D. Finance – Florida Atlantic University
Teaching Specialties: Corporate Finance, International Finance, Investments, Portfolio Management, Capital Markets, Financial Institutions, Personal Finance.
Research Interests: Mergers and Acquisitions, corporate risk dynamics, growth options, capital structure dynamics, leveraged buyouts, corporate diversification and refocusing, corporate foreign currency sensitivity
- GREG FILBECK
Ph.D. CFA, FRM, CAIA, PRM Finance – University of Kentucky
Teaching Specialties: Corporate Investments, Portfolio Management, Derivatives, Risk Management, Alternative Investments
Research Interests: Portfolio Management, Market Efficiency, Investments
- RICHARD HEDDERICK
CFP M.B.A. – Penn State University
Teaching Specialties: Corporate Finance, Personal Financial Planning, Insurance Planning and Retirement Planning.
Research Interests: Personal Financial Planning, Insurance and Retirement Planning
- TIMOTAHY KRAUSE
Ph.D. Business Administration – The University of Texas at San Antonio
Teaching Specialties: Portfolio Analysis, Advanced Energy Finance, Derivatives, Fixed Income Securities
Research Interests: Investments, derivatives, risk management, financial institutions and markets
- ERIC ROBBINS
CFA M.B.A. – Gannon University
Teaching Specialties: Corporate Finance, Investments, Retirement Planning
Research Interests: Personal Finance and Investments
- XIN (JESSICA) ZHAO
Ph.D. Finance – State University of New York at Buffalo
Teaching Specialties/Research Interests: Market microstructure, IPOs, corporate governance, corporate finance, case studies, investment

GEOLOGY

- ANTHONY FOYLE
Ph.D. Oceanography – Old Dominion University
Teaching Specialties: Earth science, coastal geology, oceanography, environmental geology
Research Interests: Coastal geology, sequence stratigraphy, environmental geophysics
- MICHAEL NABER
Ph.D. Geography – North Carolina State University
Teaching Specialties: Geology, geography, geographic information science, global positioning systems
Research Interests: Integrating the use of social science data and environmental quality data in the management and preservation of natural resources

HISTORY

- AMY Carney
Ph.D. Modern German History – Florida State University
Teaching Specialties: Modern Europe and modern Germany, particularly fascism, the Third Reich, and the World Wars
Research Interests: Nazi Germany and the history of science/medicine
- JOHN ROSSI
Ph.D. History – Rutgers University
Teaching/Research Interests: Business history, economic history, history of technology, U.S. history, history of U.S. foreign relations
Publication: Co-author of *Entrepreneurship and Innovation in Automobile Insurance: Samuel P. Black, Jr. and the Rise of Erie Insurance, 1923-1961.*

MANAGEMENT

- MARK BESTOSO
M.B.A. Human Resource and Marketing Management – Penn State University
Teaching Specialties/Research Interests: Social, legal, and ethical environment of business, corporate philanthropy
- MICHAEL BROWN
Ph.D. Management and Organization – Penn State University
Teaching Specialties/Research Interests: Ethics, organizational behavior, leadership, ethical leadership
- RANDY BROWN
M.A. College Student Personnel – State University of New York at Buffalo
Teaching Specialties/Research Interests: Cross-functional work teams, healthcare work teams, functional and business-level strategy, business simulations
- DAVID DIETEMAN
M.A. Philosophy – University of Illinois at Urbana-Champaign
Teaching Specialties/Research Interests: Social, legal, and ethical environment of business; political philosophy of Friedrich Hayek and the Austrian School; Thomistic philosophy of law; ethics in the Western and Eastern traditions
- JAMES FAIRBANK
Ph.D. Management and Organization – Penn State University
Teaching Specialties/Research Interests: Strategic management, entrepreneurship
- WILLIAM JOHNSON
Ph.D. Management-Operations and Strategy – York University
Teaching Specialties/Research Interests: Innovation, strategy, international management
- JOHN MAGENAU (Emeritus)
Ph.D. Psychology – State University of New York at Buffalo
Teaching Specialties/Research Interests: Labor-management relations and negotiation
- DIANE PARENTE
Ph.D. Management Systems – State University of New York at Buffalo
Teaching Specialties/Research Interests: Strategic management, international business, functional and business-level strategy, business simulations

- PEERASIT PATANAKUL
Ph.D. Systems Science/Engineering Management – Portland State University
Teaching Specialties/Research Interests: Project management, program management, project portfolio management, organization
- JEFFREY PINTO
Ph.D. Organization Theory – University of Pittsburgh
Teaching Specialties/Research Interests: Project management, organizational behavior, organization theory, information system implementation, power and political processes in organizations, diffusion of innovations
- RYAN VOGEL
Ph.D. Organizational Behavior – University of Georgia
Teaching Specialties/Research Interests: Organizational behavior, management, person-environment fit, workplace façade, supervisor-subordinate dynamics, abusive supervision
- ALFRED WARNER
Ph.D. Strategy – Ohio State University
Teaching Specialties/Research Interests: Business policy and strategy, innovation management, effect of innovation on firm competitiveness, technology sourcing and governance choices

MANAGEMENT INFORMATION SYSTEMS

- AMIT DEOKAR
Ph.D. Management Information Systems – University of Arizona
Teaching Specialties: Business analytics, big data and analytics, business intelligence, data warehousing, information systems design, and business process management
Research Interests: Business analytics, data mining, text analytics, web analytics, business intelligence, process management, and collaboration processes and technologies
- IDO MILLET
Ph.D. Information Systems – University of Pennsylvania
Teaching Specialties/Research Interests: Multi-criteria decision-making, online procurement auctions, reporting systems, systems analysis, advanced applications development
- KATHLEEN NOCE
D.Ed. Education Leadership and Management – Indiana University of Pennsylvania
Teaching Specialties: Management Information Systems, Web Design, Social Media, Marketing, Customer Relationship Management, E-business
Research Interests: Service Learning, Integrating IT into the organization, Nonprofits and IT
- BALAJI RAJAGOPALAN
Ph.D. MIS – University of Memphis
Teaching Specialties/Research Interests: Information technology and new product development; design, development, and impact of virtual communities; global information technology services and sourcing
- MATTHEW SWINARSKI
Ph.D. Management – State University of New York at Buffalo
Teaching Specialties: Business Processes, Project Management, Decision Modeling with Spreadsheets, Databases, Visual Basic for Applications, ERP Systems, Simulation
Research Interests: Capability Maturity Model (CMM) & Process Improvement, IT Sourcing, Service Learning, ERP Systems, Spreadsheets, Project Management
- JANICE TOTLEBEN
M.B.A. – Gannon University
Teaching Specialties/Research Interests: Computer science and management information systems
- CHRIS WASSEL
M.B.A. – Penn State Erie, The Behrend College
Teaching Specialties/Research Interests: Information Technology, Radio Frequency Identification, Supply Chain Information Systems with Oracle

MARKETING

- S. SAAD ANDALEEB (Emeritus)
Ph.D. Marketing – University of Illinois at Urbana-Champaign
Teaching Specialties/Research Interests: Marketing management and strategy, marketing research methods, management of marketing channels and physical distribution, international marketing and business strategy, inter-organizational exchange behavior, social marketing
- PELIN BICEN
Ph.D. Marketing – Texas Tech University
Teaching Specialties/Research Interests: Marketing research, international marketing, business-to-business marketing, new product development, marketing theory, integrated marketing communications (IMC), macro marketing, marketing strategy, intra- and inter-organizational innovation, theories of competition, marketing pedagogy
- DAVID CAUSGROVE
M.B.A. – Suffolk University
Teaching Specialties/Research Interests: Principles of marketing, personal selling, sales management
- PHYLIS MANSFIELD
Ph.D. Marketing – The University of Memphis
Teaching Specialties: Marketing principles, sustainability in marketing strategy, advertising and promotion, and strategic marketing in the MBA program
Research Interests: Consumer complaint resolution, sustainability in marketing strategy, and social issues and ethics in business
- MARY BETH PINTO
Ph.D. Marketing – University of Pittsburgh
Teaching Specialties: Consumer Behavior, Retailing, Marketing Management
Research Interests: Services Marketing, Health Care Marketing, Gender Issues, Social Media Marketing, Disadvantaged Consumers, Use and Adoption of Athletic Wearables, Credit Card Marketing
- HYN SOON (SEAN) YIM
Ph.D. – Washington State University
Teaching Specialties: Global marketing, business to business marketing
Research Interests: Interfirm marketing strategies and the financial implications, with special emphasis on the topics of innovation / new product development, sustainability / CSR, and marketing metrics

MATHEMATICS

- PAUL BECKER
Ph.D. Mathematics – Central Michigan University
Teaching Specialties: Combinatorics, algebra, number theory
Research Interests: Algebraic combinatorics, mathematics education
- PAPIYA BHATTACHARJEE
Ph.D. Pure Mathematics – Bowling Green State University
Teaching Specialties: Calculus, abstract algebra, linear algebra, pure analysis, complex analysis, and topology
Research Interests: Frame theory, ordered algebra, topology, and rings of continuous functions
- TERRY BLAKNEY
M.A. Mathematics – University of South Florida
Teaching Specialties: Statistics, Six Sigma methodology
Research Interests: Statistics applications in sports
- ADAM COMBS
M.A. Pure Math – Bowling Green State University
Teaching Specialties: College algebra, calculus, introductory statistics
Research Interests: Bayesian item response theory models, Bayesian model checking
- ANTONELLA CUPILLARI
Ph.D. Mathematics – State University of New York at Albany
Teaching Specialties: History of math
Research Interests: European math history, mathematics education
- DAVID FALVO
M.Ed. Mathematics – Penn State University
Teaching Specialties: Pre-calculus, calculus
Research Interests: Mathematics textbooks
- DANIEL GALIFFA
Ph.D. Mathematics – University of Central Florida
Teaching Specialties: Calculus sequence, differential equations, linear algebra, discrete mathematics, number theory, real and complex analysis, applied analysis
Research Interests: Orthogonal polynomials, special functions, numerical analysis, mathematical biology
- J. ANDREW GEORGE
M.S. Applied Mathematics – Purdue University
Teaching Specialties: Calculus, math for elementary education
Research Interests: Applied math, math education

- JAMES HENDERSON
Ph.D. Philosophy – State University of New York at Buffalo
Teaching Specialties: Algebra, Trigonometry, calculus
Research Interests: Philosophy of Mathematics, Philosophy of Science
- ZACHARY KLINGENSMITH
Ph.D. Economics – West Virginia University
Teaching Specialties: Principles of economics, business mathematics, probability and statistics, intermediate microeconomics, public economics, environmental economics, urban economics
Research Interests: Pork-barrel spending, public choice, spatial econometrics, economics education
- GABRIEL KRAMER
M.A. Pure Mathematics – Bowling Green State University
Teaching Specialties: Pre-calculus, calculus, matrices, differential equations, discrete mathematics
Research Interests: Mathematics education, lebesgue integration, measure theory, cayley graphs
- ANTONIO MASTROBERARDINO
Ph.D. Mathematics – State University of New York at Buffalo
Teaching Specialties: Differential equations, numerical analysis
Research Interests: Differential equations, numerical analysis, mathematical modeling, asymptotic and perturbation methods
- COURTNEY NAGLE
Ph.D. Mathematics Education – State University of New York at Buffalo
Teaching Specialties: Calculus, mathematics methods courses
Research Interests: Mathematics concept development (limits and slope) cultural influences on mathematics, mathematics teacher preparation
- PAUL OLSON
M.S. Mathematics – University of Montana
Teaching Specialties: Combinatorics, graph theory
Research Interests: Combinatorial game theory, graph theory
- PETER OLSZEWSKI
M.S. Mathematics – Fairfield University
Teaching Specialties: Algebra, calculus, geometry, remedial mathematics, statistics, mathematics education, financial mathematics
Research Interests: Slide rules, group theory, Cayley color graphs, Markov processes, mathematical education, textbook editing and writing
- BOON WEE (AMOS) ONG
Ph.D. Mathematics – University of Rochester
Teaching Specialties: Calculus, algebra, topology
Research Interests: Algebraic geometry, algebraic topology

- JOSEPH PAULLET
Ph.D. Mathematics – University of Pittsburgh
Teaching Specialties: Differential equations, mathematical modeling
Research Interests: Ordinary differential equations, nonlinear boundary value problems, mathematical biology, nonlinear elasticity
- JOSEPH PREVITE
Ph.D. Mathematics – University of Maryland
Teaching Specialties: Topology, use of spreadsheets in the classroom, finite mathematics
Research Interests: 58F-ordinary differential equations on manifolds, dynamical systems 53-differential geometry, 05C-graph theory, mathematical biology
- MICHELLE PREVITE
Ph.D. Mathematics – University of Maryland
Teaching Specialties: Geometry, topology, use of Maple in differential equations, multi-variable calculus
Research Interests: Topology of real algebraic sets, differential topology, graph theory
- MICHAEL RUTTER
Ph.D. Fisheries – Michigan State University
Teaching Specialties: Statistics, population modeling, simulation
Research Interests: Statistics, fish population dynamics, mathematical biology
- JODIE STYERS
M.S. Pure Mathematics – West Virginia University
Teaching Specialties: Mathematics content courses for elementary education majors, secondary education field experience
Research Interests: Mathematics teacher preparation, conceptions of pre-service teachers
- JENNIFER ULRICH
M.S. Mathematics – Texas A&M University
Teaching Specialties: Business calculus, college algebra
Research Interests: Differential equations, combinatorics

MECHANICAL AND INDUSTRIAL ENGINEERING

- **FAISAL AQLAN**
Ph.D. Industrial Engineering – State University of New York at Binghamton
Teaching Specialties: Engineering analytics, product design, simulation modeling, design of experiments, lean manufacturing, decision making, quality control, operations research
Research Interests: Supply chain management, ergonomics and digital human modeling, lean manufacturing, simulation modeling of production systems.
- **OMAR ASHOUR**
Ph.D. Industrial Engineering and Operations Research – Penn State University
Teaching Specialties: Product design, specification and measurement; machining process design & analysis, Stochastic Models in Operations Research; engineering economy' Simulation Modeling for Decision Support' applied decision analysis
Research Interests: applying decision making and simulation techniques to build decision support systems and solve problems for manufacturing and healthcare systems. Implement data collection and statistical analysis to improve engineering education
- **DAVID BEEVERS**
Ph.D. Mechanical Engineering – Penn State University
Teaching Specialties: Fluids, thermodynamics, statics, HVAC, Matlab for engineers
Research Interests: Renewable energy, engineering education
- **AMIR H. DANESH-YAZDI**
Ph.D. Mechanical Engineering – City College of the City University of New York
Teaching Specialties: Mechanical vibrations, instrumentation and measurements, engineering mechanics, heat transfer
Research Specialties: Piezoelectric energy harvesters, turbulent flow, fluid=structure interactions
- **CHARLOTTE DE VRIES**
Ph.D. Mechanical Engineering – Penn State University
Teaching Specialties: Dynamics, controls, and engineering experimentation
Research Interests: Design for human variability, biomedical design
- **ADAM HOLLINGER**
Ph.D. – Chemical Engineering – University of Illinois-Urbana Champaign
Teaching Specialties: Engineering mechanics, fluid mechanics and heat transfer, thermodynamics, engineering materials
Research Interests: Microscale fuel cells, additive manufacturing

- YUAN-HAN (RICK) HUANG
Ph.D. – Industrial Engineering – Clemson University
Teaching Specialties: Work Design, Human Factors Engineering, and Statistical Methods in Engineering
Research Interests: Applying Human Factors and Ergonomics methodology on investigating the evolution of medical professionals' workflow under various healthcare settings
- JILL JOHNSON
Professional Engineer, Nuclear Engineering – Penn State University
Teaching Specialties: Statics, Strength of Materials, Thermodynamics, Energy Systems
Research Interests: Heat Exchangers, thermal analysis and optimization, thermal and fluid simulations
- AMIR KHALILOLLAHI
Ph.D. – Engineering Mechanics – Penn State University
Teaching Specialties: Statics, dynamics, strength of materials, fluid flow, heat transfer, finite element analysis (FEA)
Research Interests: Fluid/solid interactions, FEA and mathematical modeling in manufacturing, composites, Convective cooling
- BRIAN LANI
M.S. Aerospace Engineering – Penn State University
Teaching Specialties: Engineering mechanics, materials science, materials testing laboratory
Research Interests: Electromagnetic propulsion, alternate ignition schemes for green fuel monopropellants, combustion instabilities
- WILLIAM LASHER
Ph.D. Mechanical Engineering – State University of New York at Buffalo
Teaching Specialties: Engineering design, fluid mechanics, CFD
Research Interests: Naval architecture, marine hydrodynamics, sail design, CFD
- DEAN LEWIS
M.S. Mechanical Engineering, Rensselaer Polytechnic Institute
Teaching Specialties: Engineering mechanics, engineering design, computer-aided engineering, machine design
Research Interests: Assembly of plastic housings with attachment features, design and testing of bearings, engineering education
- PAUL LYNCH
Ph.D. Industrial Engineering – Penn State University
Teaching Specialties: Engineering Probability and Statistics, Solidification Processes, Manufacturing Processes, Introduction to Industrial Engineering, Engineering Economy, Advanced Engineering Economy, Engineering Mechanics: Statics
Research Interests: Metal Casting, Properties and Processing of High Strength Steels, Manufacturing Systems, Engineering Economy, Engineering Education

- DIPO ONIPEDE
Ph.D. Civil Engineering – University of California, Los Angeles
Teaching Specialties: Machine design, mechanical vibrations, engineering design
Research Interests: Structural vibrations, engineering education, coupled field analysis
- JOHN ROTH
Ph.D. Mechanical Engineering – Michigan Technological University
Teaching Specialties: Manufacturing, materials, vibrations, adaptive signal processing
Research Interests: Electrically assisted manufacturing (EAM), cryogenic material treatments, metal removal techniques, sheet metal processes, condition monitoring and prognostics, signal processing
- SHRADDHA SANGELKAR
Ph.D. Mechanical Engineering – Texas A&M University
Teaching Specialties: Senior Capstone Design, Engineering Design, Engineering Mechanics, and Mechanical Vibrations
Research Interests: Developing methods that teach designers to create better products for people, leveraging current machine learning methods to automate routine design tasks, and improving engineering classroom experiences
- BARUKYAH SHAPARENKO
Ph.D. Mechanical Engineering – University of Pennsylvania
Teaching Specialties: Statics, measurement and instrumentation, fluid mechanics, heat transfer, finite element analysis (FEA)
Research Interests: Microfluidic devices, dielectrophoresis (DEP), particle sorting, computational fluid dynamics (CFD)
- YUSTIANTO TJIPTOWIDJOJO
Ph.D. Mechanical Engineering – Mississippi State University
Teaching Specialties: *Engineering Mechanics (Statics & Dynamics); Introductory, Intermediate, and Advanced Mechanics of Materials; Linear Elasticity; Continuum Mechanics; Inelastic Deformation of Solids; Engineering Analysis; and Finite Element Analysis*
Research Interests: *Engineering Material Modeling, Multiscale Modeling, Fracture Mechanics, Fatigue, Fluid-Structure Interaction, and Advanced Finite Element Analysis*
- RUSSELL WARLEY
Ph.D. Chemical Engineering – Case Western Reserve University
Teaching Specialties: Thermodynamics, statics, heat transfer, engineering experimentation, refrigeration and air conditioning, strength of materials
Research Interests: Mechanics and processing of polymers, viscoelastic properties of elastomers, engineering software development

- YI (ELISA) WU
Ph.D. Mechanical and Aerospace Engineering – University of Virginia
Teaching Specialties: Dynamics and controls, vibrations, computational methods in engineering, measurement theory and instrumentation in engineering, bioengineering and biomedical systems
Research Interests: Biomedical systems, modeling and control of complex biological/biomedical systems, artificial organs, dynamical systems, robotics
- JUN ZHOU
Ph.D. – Mechanical Engineering – University of Missouri-Rolla
Teaching Specialties: Heat transfer, fluid mechanics, Thermodynamics, energy systems, computational fluid dynamics
Research Interests: Transport phenomena in manufacturing and materials processing, manufacturing process modeling and analysis (heat/mass transfer, fluid flow, and stress analysis), welding, thermal/laser-assisted manufacturing

MECHANICAL ENGINEERING TECHNOLOGY

- ROBERT EDWARDS
M.S. Engineering – Gannon University
Teaching Specialties: Mechanics, thermodynamics, graphics
Research Interests: Electronic systems, piping, fluid flow systems
- RICHARD ENGLUND
M.S. Mechanical Engineering – State University of New York at Buffalo
Teaching Specialties: Mechanical design, instrumentation and measurement, metrology
Research Interests: Measurement, biomechanics, fastener performance, design theory
- EDWARD EVANS JR.
M.S. Civil Engineering – Youngstown State University
Teaching Specialties: Engineering mechanics, computer aided design, computer applications, engineering graphics
Research Interests: Computer modeling of mechanisms and structural systems, dimensioning and tolerancing applications, analysis and manufacture of structural composites
- KENNETH FISHER (Emeritus)
M.S.M.E. Mechanical Engineering – Purdue University
Teaching Specialties: Mechanical design, kinematics, thermosciences
Research Interests: Design of mechanical systems, surgical lighting and equipment design, sterilization systems design, computer-aided design, technology management, technology forecasting
- DAVID JOHNSON
M.S. Mechanical Engineering – Penn State University
Teaching Specialties: Strength of materials, dynamics and kinematics, vibration, thermodynamics, heat transfer, fluid power, thermal/structural finite element analysis (FEA)
Research Interests: Structural FEA analysis, thermal FEA analysis, fluid flow CFD analysis, fatigue/fracture/failure analysis, applications and graphics
- PHIL JONES
MSME, PE. Mechanical Engineering – Case Western Reserve University
Teaching Specialties: Mechanical design, strength of materials, materials engineering, finite element analysis, vibrations, and dynamics
Research Interests: Polymer fatigue life modeling, integrated product development, energy consumption in manufacturing

- ANUJA KAMAT
Ph.D. Civil Engineering – University of Arizona
Teaching Specialties: Engineering mechanics: statics, applied solid modeling
Research Interests: Reinforced concrete, pre-stressed concrete, bridge design, Hollow Block Technology
- MICHAEL LOBAUGH
M.S. Engineering Management – University of Massachusetts
Teaching Specialties: Manufacturing technologies, quality engineering, machine shop applications, engineering graphics, lean manufacturing
Research Interests: Rapid prototyping, advanced manufacturing technology/methods
- FREDRICK NITTERRIGHT
M.S. Manufacturing Systems Engineering – University of Pittsburgh
Teaching Specialties: Engineering graphics, machine shop application, manufacturing technologies
Research Interests: Technology management, manufacturing costs and quotations
- IHAB RAGAI
Ph.D. Mechanical Engineering – McGill University
Teaching Specialties: Machine design, solid mechanics, strength of materials, manufacturing processes
Research Interests: Advanced materials characterization, simulation of manufacturing processes, additive manufacturing, finite element analysis and simulation, structural analysis and design optimization, and failure and fatigue analysis
- DAVID ROTH (Emeritus)
M.S.A.E. Architectural Engineering – Penn State University
Teaching Specialties: Materials science, structural analysis
Research Interests: Computer applications and composite materials for structures, development of an “interactive CAD,” computer graphics
- NANCY STUDY
Ph.D. Curriculum and Instruction – Purdue University
Teaching Specialties: Engineering graphics
Research Interests: Spatial visualization and haptics
- LIYONG (LEO) SUN
Ph.D. Mechanical Engineering – University of Minnesota
Teaching Specialties: Fluid Power, Thermodynamics, Energy Conservation Systems
Research Interests: Heat transfer and fluid mechanics using experimental and computational methods

SHANNON SWEENEY

M.S. Mechanical Engineering – Case Western Reserve University

Teaching Specialties: Engineering mechanics, mechanical vibrations, quality control

Research Interests: Vibration suppression, torsional vibration analysis, quality engineering

NURSING

- **MARIAN BORST**
M.S.N. Family Nurse Practitioner – Gannon University
Teaching Specialties: Critical care, medical/surgical nursing, pediatrics
Research Interests: New clinical education models: dedicated education units
- **DANIEL EATON**
M.S.N. Nursing Education – Walden University
Teaching Specialties: Mental health nursing, geriatrics, medical surgical nursing, community health nursing
Research Interests: Improving the quality of care in persons suffering from dementia and depression
- **MARGARET KERTIS**
M.S.N. Nursing – Clarion University
Teaching Specialties: Nursing fundamentals, maternity and newborn care, women's health
Research Interests: High-risk perinatal nursing
- **AMY LESUER**
M.S.N. Nursing Education – Clarion University
Teaching Specialties: Medical Surgical, critical care
Research Interests: Palliative care for ESRD patients, simulation education
- **CATHERINE MANNO**
M.S.N. Nursing Education – University of Phoenix
Teaching Specialties: Emergency Care Nursing, Critical Care Nursing, and Medical Surgical Nursing
Research Interests: Meeting Learning Differences through Online and Hybrid Nursing Education
- **KIMBERLY STREIF**
M.S.N. Family Nurse Practitioner – Gannon University
Teaching Specialties: Critical care, med surg, psychiatry, community health, advanced practice nursing, graduate education, evidence based practice, nursing research, family nurse practitioner national certification – AANP, advanced cardiac life support certification, trauma certification
Research Interests: Simulation in nursing education, measurement and enhancement of critical thinking in higher education
- **ALISON WALSH**
MSN Nursing Education – University of Phoenix
Teaching Specialties: Medical/surgical Nursing, Pharmacology, Critical Care
Research Interests: High-fidelity Simulation, Heart Failure Management in Young and Middle-aged Adults

PHYSICS

- G. WILLIAM BAXTER III
Ph.D. Physics – Duke University
Teaching Specialties: Electronics, research methods, introductory physics
Research Interests: Granular materials, jamming, flow and force transmission pattern formation in fluid and biological systems
- LAUREN FALCO
Ph.D. Acoustics – Penn State University
Teaching Specialties: Introductory physics, acoustics
Research Interests: Nonlinear acoustics
- JONATHAN HALL
M.A. Earth Science – West Chester University
Teaching Specialties: Introductory physics
Research Interests: Physics education, instructional labs
- BLAIR TUTTLE
Ph.D. Physics – University of Illinois at Urbana-Champaign
Teaching Specialties: Modern physics
Research Interests: Computational materials physics: atomic-scale simulations, electron tunneling in nano-structures; point defects in semiconductors
- DARREN WILLIAMS
Ph.D. Astronomy and Astrophysics – Penn State University
Teaching Specialties: Astronomy and astrophysics, planetary science
Research Interests: Orbits, climates and origins of planets and satellite systems
- BRUCE WITTMERSHAUS
Ph.D. Physics – University of Rochester
Teaching Specialties: General physics, optics
Research Interests: Solar energy, visible spectroscopy, applications of biomolecules
- CHUCK YEUNG
Ph.D. Physics – University of Illinois at Urbana-Champaign
Teaching Specialties: Physics
Research Interests: Nonlinear dynamics, pattern formation dynamics, polymers and biophysics

PROJECT & SUPPLY CHAIN MANAGEMENT

- **OZGUN CALISKAN DEMIRAG**
Ph.D. Industrial and Systems Engineering – Georgia Institute of Technology
Teaching Specialties/Research Interests: Supply chain management, revenue and promotions management in the operations and marketing interface, applications of game theory, design and analysis of transportation and logistics systems, management of decentralized logistics and business systems
- **FRANK DeWOLF**
M.B.A. – Gannon University
Teaching Specialties/Research Interests: Electronic commerce, operations management, information systems
- **VARUN GUPTA**
Ph.D. Operations Management – University of Texas at Dallas
Teaching Specialties/Research Interests: Supply Chain Management, Competitive Sourcing, Competitive Pricing, Revenue Management, Global Logistics and Distribution, Operations Management, Inventory Management, Quantitative Methods
- **CAROL PUTMAN**
M.B.A. – Penn State University
Teaching Specialties/Research Interests: Project management, statistics for business decisions, operations
- **SOURISH SARKAR**
Ph.D. Industrial and Systems Engineering - Virginia Polytechnic Institute and State University
Teaching Specialties/Research Interests: Global operations and supply chain management, project management, inventory theory, lean manufacturing
- **RAY VENKATARAMAN**
Ph.D. POM/Management Science – Illinois Institute of Technology
Teaching Specialties/Research Interests: Operations planning and control, project management, supply chain management, operations strategy, statistics
- **JENNY ZHI**
M.S. Operations Management – University of Alabama
Teaching Specialties/Research Interests: Statistics for Business, Supply Chain Management

PLASTICS ENGINEERING TECHNOLOGY

- JOHN BEAUMONT (Emeritus)
M.S. Plastics Engineering – University of Massachusetts Lowell
Teaching Specialties: Injection molding, applied rheology and in-mold rheological control, mold design, plastic parts design, injection molding process optimization
Research Interests: Solid and fluid phase characterization and morphology of polymers. Understanding the relationship of shrinkage, warpage and mechanical properties of polymers as related to the part design, tool design and processing
- GREGORY DILLON
Ph.D. Materials Engineering – University of Limerick
Teaching Specialties: Polymer science, multidisciplinary focused courses
Research Interests: Composites engineering
- BRADLEY JOHNSON
M.S. Chemical Engineering – Virginia Tech
Teaching Specialties: Plastics processing and statistical methods
Research Interests: Plastics processing and process control
- PAUL KOCH (Emeritus)
Ph.D. Plastics Engineering – University of Massachusetts Lowell
Teaching Specialties: Plastics technology, organic chemistry
Research Interests: Plastics processing, solar energy
- LUCY LENHARDT
B.S. Mechanical Engineering Technology – Gannon University; B.S. Plastics Engineering Technology - Penn State Erie, The Behrend College
Teaching Specialties: Materials testing, plastics processing, principles of plastics processing equipment
Research Interests: Processing, product development
- JONATHAN MECKLEY
M.S. Plastics Engineering – University of Massachusetts Lowell
Teaching Specialties: CAE simulation tools, CAD tools, plastics processing
Research Interests: Blow Molding, Rapid Tooling, MicroMolding, CAE simulation tools
- ALICYN RHOADES
Ph.D. Polymer Science and Engineering – The University of Southern Mississippi
Teaching Specialties: Polymer and composite materials, biobased and antimicrobial polymers and coatings
Research Interests: Development of new biobased and nanocomposite polymer systems, reactive extrusion, thermally conductive polymer systems, process induced blend morphology

- GARY SMITH
Ph.D. Organic Chemistry – State University of New York at Albany
Teaching Specialties: Plastic materials and polymers
Research Interests: Develop new polymers, materials, processes, products; resin, product modification, polymer blends, reactive extrusion
- JASON WILLIAMS
M.PM. Project Management – Penn State Erie, The Behrend College
Teaching Specialties: Advanced surface modeling, CAE simulation, product design and development
Research Interests: Product development methodologies and process, process effects on final product properties, medical applications for plastics
- BRIAN YOUNG
M.S. Manufacturing Systems Engineering – Penn State Erie, The Behrend College
Teaching Specialties: Plastics processing and plastics materials science
Research Interests: Plastics manufacturing technologies, processing strategies, evaluation of the logistics of utilizing recycled resin sources

PSYCHOLOGY

- DAWN BLASKO
Ph.D. Cognitive Psychology – State University of New York at Binghamton
Teaching Specialties: Research methods, cognition, cross-cultural psychology, psychology of language, cognitive development
Research Interests: Creative cognition, including the understanding and use of metaphor and sarcasm in children and adults, individual differences in attention and working memory, psychological principles applied to teaching sustainability and civic engagement, and gender differences in spatial cognition and their influence on career choice and academic achievement
- ERIC CORTY
Ph.D. Clinical Psychology – Indiana University, Bloomington
Teaching Specialties: Statistics, tests and measurements, human sexuality, abnormal psychology
Research Interests: Sexual dysfunction, measurement of subjective outcomes
- DAVID HERRING
Ph.D. Experimental Psychology – University of Texas at El Paso
Teaching Specialties: Clinical psychology, abnormal psychology, personality assessment and adjustment, ethics, diagnosis, cognitive behavioral therapy
Research Interests: Sexual assault, interpersonal violence, trauma, PTSD
- MELANIE HETZEL-RIGGIN
Ph.D. Clinical Psychology – Northern Illinois University
Teaching Specialties: Trauma, particularly gendered violence, coping, resiliency, and vulnerability factors, trauma treatment and prevention, psychopathology after trauma (especially PTSD), ethical practice in research and teaching about trauma-related information
Research Interests: Personality and adjustment, abnormal psychology, clinical psychology, career counseling, trauma and crisis, theories of psychotherapy, and clinical practice
- VICTORIA KAZMERSKI
Ph.D. Psychology – State University of New York at Stony Brook
Teaching Specialties: Cognitive neuroscience, learning, research methodology, cognitive development, exceptional children
Research Interests: Biological mechanisms of higher cognitive functions, especially language and memory; changes in memory and language across the life span; memory and language disorders; use of technology and multimedia in teaching the scientific method; effectiveness of methods of teaching science

- HEATHER LUM
Ph.D. Applied Experimental and Human Factors Psychology – University of Central Florida
Teaching Specialties: Cognition, human factors, engineering psychology
Research Interests: Human-animal interactions, human-robot interactions, perceptions of technology, physiological measurement at the individual and team level
- CHARISSE NIXON
Ph.D. Developmental Psychology – West Virginia University
Teaching Specialties: Developmental psychology, adolescence, child development, research methodology, psychology of gender
Research Interests: Basic and applied studies related to relational aggression among children and adolescents, effective strategies used to mitigate children's associated trauma with peer victimization
- CLARE PORAC
Ph.D. Psychology – Graduate Faculty of Political and Social Science, New School for Social Research
Teaching Specialties: Research methods and statistics, human perception, behavior genetics, history and systems of psychology, neuropsychology
Research Interests: Perception of visual illusions, human lateral preferences
- ANGELA ROOD
Psy.D. Counseling Psychology – Our Lady of the Lake University
Teaching Specialties/Research Interests: Military trauma, health psychology, veteran issues
- SHARIFFAH RAHAH SHEIK DAWOOD
Ph.D. Industrial Organizational Psychology – University of Leicester, United Kingdom
Teaching Specialties: Introduction to psychology, industrial organizational psychology, personnel psychology, research methods, experimental psychology (lab based), social psychology, cognitive psychology, personality psychology, motivation at work, multicultural psychology
Research Interests: Counterproductive work behavior including violence, bullying/emotional abuse, and harassment at statutory and non-profit organizations; occupational stress; conflict management; criminological theories; cross-cultural psychology
- NICOLE SHOENBERGER
Ph.D. Sociology and Criminology – Bowling Green State University
Teaching Specialties:
Research Interests: Criminality over the life course, race and crime, positive deviance, theoretical criminology, peer abuse/mistreatment, and new religious movements

- CAROL WILSON

Ph.D. Social Psychology – Texas A&M University

Teaching Specialties: Social psychology, personality psychology, statistics, interpersonal relationships

Research Interests: Attachment theory and romantic relationships, memory and information processing within relationships, social support, the transition to parenthood, pain perception