

**School Of Science, Engineering, and Technology
Penn State, Harrisburg**

Jan. 1, 2023

Last	First	PC	APC	PiC	Rank	Dept	Research Expertise	Email
Biological Sciences								
Anderson	Brittany				Associate Teaching Professor	BIOL	Detection of Protein Palmitoylation in Cell Culture and Brain Lysates	bae154@psu.edu
Asaduzzaman	Abu				Assistant Professor	CHEM	Computational Chemistry, Materials Sciences, Cosmochemistry and Geochemistry	aau1309@psu.edu
Driscoll	William				Assistant Professor	BIOL	Interplay of Genetic and Environmental Change in Microbial Communities	wwd17@psu.edu
Ge	Xianlong				Associate Teaching Professor	CHEM	Poly (Vinyl Chloride) (PVC) and CPVC Thermal Degradation and Stabilization, Free-Radical Chlorination, Microstructure Analysis	xug3@psu.edu
Hill	Brenna				Assistant Teaching Professor	BIOL	Pedagogical Research to Determine the Impact of Engaging Learning Strategies on Student Success Outcomes	bre122@psu.edu
Potlakayala	Shobha				Associate Teaching Professor	BIOL	Molecular Plant Pathology and Gene Expression	sdp13@psu.edu
Rudrabhatla	Sairam	X			Professor	BIOL	Metabolic Engineering of Plants	svr11@psu.edu
Tsotakos	Nikolaos				Assistant Professor	BIOL	Non-Coding RNAs and Other Factors in Regulating Gene Expression in Health and Disease	nxt12@psu.edu
Underiner	Theodore		X		Associate Teaching Professor	CHEM	Applying Organic/Medicinal Chemistry Techniques to Prepare, Isolate and Understand Behavior of Biological Relevant Molecules	tlu2@psu.edu
Civil, Construction, and Environmental Engineering								
Cecere	Joseph				Associate Professor	CE	Safety, Planning & Scheduling, Estimating, Construction Management	jic3@psu.edu
Chen	Y. Frank				Professor	CE	Numerical Analysis; Floor Vibrations; Bridge Engineering; Composite Structures	yxc2@psu.edu
Chen (David)	Yen-Chih				Associate Professor	CE	Wastewater Treatment, Biological Treatment, Anaerobic Digestion, Biosolids Management, Environmental Biotechnology	yuc12@psu.edu
Clark	Shirley	X		X	Professor	CE	Land Development and Climate Change Impacts on Urban Hydrology, Water Quality, and Human/Ecosystem Health	sec16@psu.edu
Gurupackiam	Saravanan				Associate Teaching Professor	CE	Traffic Operations, Microscopic Traffic Simulation, and Highway Safety	szg10@psu.edu
Mackertich	Seroj				Associate Professor	CE	Structural Analysis, Solid Mechanics, Structural Dynamics, Vibrations	oct@psu.edu
Marikunte	Shashi		X		Associate Teaching Professor	CE	High Performance Concrete, Self-Consolidating Concrete, Fiber Reinforced Concrete, Lightweight Concrete, Durability of Concrete	ssm16@psu.edu
Mathews	Grady				Assistant Professor	CE	Use of Waste/Recycled Products in Construction Materials, Concrete Durability	gfm5121@psu.edu
Menon	Nikhil				Assistant Professor	CE	Emerging Transportation Technologies, New Mobility services, Travel Behavior, Transportation Planning, Data Collection Experiments, Econometric Modeling	nzm5492@psu.edu
Mijic	Zoraja				Assistant Professor	CE	Earthquake Engineering, Geotechnical Engineering, Soil Liquefaction, Adaptation of Infrastructure to Climate Change, Environmental Geotechnics, Sustainable Infrastructure	zfm5133@psu.edu
Subramanian	Rajarajan				Assistant Teaching Professor	CE	Portland Cement Concrete, Asphalt Cement Concrete and Engineering Education Related	rus30@psu.edu
Vidalis	Sofia				Associate Professor	CE	Construction Management, Building Information Modeling, Quality Control on Concrete Pavements, and Transportation Planning and Operations	smv11@psu.edu
Xie	Yuefeng				Professor	CE	Formation & Control of Disinfection By-Products in Drinking water, Analysis & Control of Emerging Contaminants in Drinking Water, Water/Wastewater Disinfection, Physical, Chemical, & Biological Processes in Water Treatment, Wastewater Reuse	6415@psu.edu
Computer Science - Mathematics								
Adams	Brian				Associate Teaching Professor	MATH/CS	Computational & Statistical Modeling, Simulation, Statistical Analysis, Operations Research	6691@psu.edu
Akbas	Erol				Assistant Teaching Professor	MATH	Topology, 3-Manifolds, Mathematics Education; New interests: Survival Analysis, Machine Learning	eva5361@psu.edu
Akram	Muhammad				Assistant Teaching Professor	MATH	Approximation Techniques and Fixed-Points Theory	mua961@psu.edu
Blum	Jeremy	X			Associate Professor	CS	Intelligent Transportation Systems; Combinatorial Optimization; Algorithmic Game Theory	jib24@psu.edu

Last	First	PC	APC	PiC	Rank	Dept	Research Expertise	Email
Bui	Thang				Associate Professor	CS	Algorithms, Evolutionary Computation, Genetic Algorithms, Combinatorial Optimization	flv@psu.edu
Chang	Sukmoon			X	Associate Professor	CS	Visualization, Medical Imaging Processing, Computer Graphics, Internet Technology	suc15@psu.edu
Culbert	Craig				Assistant Teaching Professor	MATH	Discrete Mathematics and Incidence Geometry, especially Combinatorics, Finite Geometries and Associated Algebraic Structures	cwc15@psu.edu
Fenta	Andrew				Assistant Teaching Professor	MATH	Real Analysis, Functional Analysis, Operator Theory, Approximation Theory	awf3@psu.edu
Grosh	John				Associate Teaching Professor	MATH	Logic and Set Theory	jhg17@psu.edu
Ibrahim	Rukayya				Assistant Professor	MATH	High-Dimensional Multivariate Time Series Analysis, Dimension Reduction in Multivariate Time Series and Spatio-temporal Data Modelling, Tensor Decomposition and its Applications in Multivariate Time Series and Spatio-Temporal Data Analysis	rmi5114@psu.edu
Kabir	Md Faisal				Assistant Professor	CS	Data Mining, Machine Learning, Health Informatics	mpk5904@psu.edu
Khezrimotlagh	Dariussh				Assistant Professor	MATH	Operations Research, Data Envelopment Analysis, Performance Evaluation, Benchmarking and Ranking, Linear Programming, Decision Making	dzk349@psu.edu
Kunkle	Wanda				Assistant Teaching Professor	CS	Computer Science Education, Human-Computer Interaction (HCI), Web-Based Application Development	wmk12@psu.edu
Li	Kevin				Assistant Teaching Professor	MATH	Differential Geometry, Geometric Analysis	khl3@psu.edu
Lopez	Oscar				Assistant Teaching Professor	MATH	Combinatorics, Cryptography, Coding Theory and Group Theory	oal5053@psu.edu
Mareno	Anita				Associate Professor	MATH	Non-linear Elasticity, Partial Differential Equations, Functional Analysis	aum24@psu.edu
McHugh	Andrew				Assistant Teaching Professor	MATH	Mathematical Physics, Complex manifolds, Super Geometry, Twistor Theory, Non-Kahler manifolds	axm964@psu.edu
Meklachi	Taoufik				Assistant Teaching Professor	MATH	Cloaking, Data fitting, Inverse Problems, Electrodynamics, Metamaterials, Wave Mechanics, Differential Equations, Optics, Asymptotic Analysis	txm98@psu.edu
Na	Hyuntae				Assistant Professor	CS	Bioinformatics, Computational Structural Biology, Computational Geometry, Computer Vision	hzn17@psu.edu
Nguyen	Hien				Assistant Professor	CS	Cancer Informatics, Biostatistics and Systems Biology	hzn5099@psu.edu
Shvartsman	Ilya				Associate Professor	MATH	Optimal Control Theory, Non-linear & Non-smooth Analysis	ius13@psu.edu
Tabatabai	Masoud				Assistant Teaching Professor	MATH	Statistical Quality Control	mxt9@psu.edu
Tran	Truong				Assistant Professor	CS	Machine Learning, Artificial Intelligence, Data Analytics, Computer Vision, Biomedical Informatics, and Software Engineering	tzt5387@psu.edu
Walker	Ronald		X		Associate Professor	MATH	Several Complex Variables, Partial Differential Equations	raw40@psu.edu
Electrical Engineering								
Agili	Sedig		X		Professor	EE	Signal Integrity for High-Speed Interconnects, Fiber Optic Communications, Fiber Optic Sensors	ssa10@psu.edu
Ansary	Omid				Professor & Senior Associate Dean for Academic Affairs	EE	Control systems, Signals and Systems, Model Order Reductions, Computer Architecture	axa8@psu.edu
Bachnak	Rafic			X	Professor	EE	Control and Automation, Solar Power and Sensor Networks, Systems Design and Integration, Non-Destructive Evaluation, STEM Education and Research	rab65@psu.edu
Bettermann	Wolfram				Associate Teaching Professor	PHYSICS	Nanotechnology Education in Higher Education Institutions, Biomedical Engineering, Modeling and Simulation of Nanoelectronic Devices	wub4@psu.edu
Carabello	Steven				Associate Teaching Professor	PHYSICS	Superconductivity, Low-Noise Electronic Measurements, Cryogenics, Physics Education Research	sac130@psu.edu
Elaraby	Nashwa				Associate Teaching Professor	EE	Field Programmable Gate Array Design, Multi-Gig-Bit Transceivers and Jitter Modeling, Brain-Machine-Interface, and Neural Engineering	nne2@psu.edu
Eskin	Susan				Associate Teaching Professor	PHYSICS	Experimental Atomic/Nuclear Physics and Diagnostic Imaging Physics Specializing in Magnetic Resonance Imaging	sxl59@psu.edu
Gehring	George				Associate Teaching Professor	PHYSICS	Nonlinear Optics, Slow & Fast Light Propagation, Entanglement & Quantum Optics, Quantum Tunneling and Non-local Phenomena	gmg38@psu.edu
Gray	Robert				Associate Professor	EE	Systems Engineering, Data Analyst, Intelligent/AI Systems, Monte Carlo modeling, Avionics and Rail Systems	rxg31@psu.edu

Last	First	PC	APC	PiC	Rank	Dept	Research Expertise	Email
Idowu	Peter				Professor & Asst. Dean for Graduate Studies	EE	Power Systems Operation and Control; Microgrid Testbed Design, Fabrication, and Intelligent Agent-Based Operation	pbi1@psu.edu
Karami	Kiana				Assistant Professor	EE	Mathematical Modeling and System Identification of Nonlinear Systems, Control Systems and Optimization	kfk5551@psu.edu
Morales	Aldo				Professor	EE	Signal Integrity for High-speed Applications, Wavelets, Digital Signal Processing, Neural Networks, Mathematical Morphology & Non-Linear Signal Processing	awm2@psu.edu
Niu	Xinwei				Assistant Professor	EE	High-Performance Computing, Hardware Acceleration, Machine Learning, Embedded System Design	xun11@psu.edu
Pallone	Arthur				Assistant Teaching Professor	PHYSICS	Nondestructive testing & evaluation, Ion beam analysis, Image processing, Experimental nuclear physics	akp171@psu.edu
Shafaye	AB	X			Associate Teaching Professor	EE	Digital systems, Control systems, Microcontrollers, Data communications, Wind Power	mes121@psu.edu
Tofighi	Mohammad-Reza				Professor	EE	Radio Frequency (RF) and Microwave, Antenna, Electromagnetic, and Medical Applications	mut3@psu.edu
Ullah	Md Habib				Assistant Professor	EE	Quantum Computing for Smart Grid Applications, Distributed Cyber-physical Power Systems, Peer-to-Peer Transactive Energy Management Systems, Load Restoration and Network Reconfiguration for Resilient Cyber-physical DC Power Systems	mzu5071@psu.edu
Wolpert	Seth				Associate Professor	EE	Modeling of Neural Devices and Processes, Medical Instrumentation Design, IC Design	swx33@psu.edu
Mechanical Engineering								
Abu-Ayyad	Ma'Moun				Associate Professor	ME	Advanced Predictive Control, Instrumentation and Nonlinear Modeling, Optimization and Artificial Neural Networks	maa21@psu.edu
Abu-Mahfouz	Issam	X			Associate Professor	ME	Machinery Vibration, Machine Learning, Rotating Dynamics, Automatic Control Manufacturing Process Monitoring, Sound & Noise Analysis, Isolation	iaa2@psu.edu
Attaluri	Anilchandra				Assistant Professor	ME	Thermal-Fluids, Bio Transport, Multi-Physics Modeling, Magnetic Nanoparticle Hyperthermia, Thermal Oncology, Medical Device Development	aua473@psu.edu
Banerjee	Amit		X		Associate Professor	ME	Design Optimization, Genetic Algorithms, Artificial Intelligence, Machine Learning, Clustering Algorithms	aub25@psu.edu
Ciucci	Richard			X	Associate Professor	ME	Advanced Manufacturing & Design, Lead-Free Solder in Electronics Manufacturing, Design for the Environment, Sustainable Engineering	rcc102@psu.edu
Dideban	Mike				Assistant Teaching Professor	ME	Thermodynamics, Fluid Mechanics, Heat Transfer, Heating, Ventilation and Air Conditioning	mxd17@psu.edu
Emam	Shadi				Assistant Professor	ME	Biomedical Devices: Electrochemical Sensors for Diagnosis Purposes, 2-D Material, Stretchable, Wearable, Self-Healing Sensors	spe5309@psu.edu
Ferdous	Sheikh Fahad				Assistant Professor	ME	Nano-mechanics and Nano-composites, Multi-functional Materials, Multi-scale Modeling, Traumatic Brain Injury, Bone Scaffold, Additive Manufacturing, Engineering Education	sff5389@psu.edu
Fu	Zhezhen				Assistant Professor	ME	Materials Processing: Ceramic Materials, Microstructures and Properties, Advanced Manufacturing: 3D Printing, Powder Metallurgy	zwf5065@psu.edu
Imadojemu	Harris				Associate Professor	ME	Heat Transfer	hxi1@psu.edu
Maicke	Brian				Associate Professor	ME	Thermofluids, Propulsion, Analytical and Numerical Methods, Combustion Instability	bam49@psu.edu
Motevalli	Vahid				Professor & Director (Int Assoc. Vice Chancellor for Research)	ME	Combustion and Fire Research, Power Train Analysis of Hybrid-Electric Vehicles, Aviation Safety and Security Systems.	vmotevalli@psu.edu
Nagassou	Dassou				Assistant Professor	ME	Concentrated Solar Power, Renewable Energy, Plasma Engineering and Technology	dmn5637@psu.edu
Rahman	Ahm Esfakur				Associate Professor	ME	Joining of Metallic Alloys, Physical Metallurgy, Structural Ceramics, Failure Analysis	aer15@psu.edu
Rashwan	Ola				Assistant Professor	ME	Additive Manufacturing, PV Solar Cells, Tribology, Micro/Nano Surface Texturing	oqr5043@psu.edu
Taherian	Hessam				Assistant Teaching Professor	ME	Ground-Source Heat Pumps, Energy-Positive Buildings, Distributed Energy Generation, Liquid Desiccant Dehumidification	hbt5123@psu.edu
Tavangarian	Fariborz				Associate Professor	ME	Nanomaterials, Composite Materials, Biomaterials, Smart Materials, Self-Healing Materials, Engineering Design, Ceramics, Tissue Engineering	fut16@psu.edu