

ISEM Faculty Teaching and Research Interests (Listed by First Name)

For general information about ISEM Faculty, please review:
[Information Systems Engineering and Management - Harrisburg University](#)

Fulltime Faculty Teaching and Research Interests

- Amjad Umar, Ph.D (Univ of Michigan), amar@harrisburgu.edu, *Teaching & Research Interests:* Computer Aided Planning, Engineering and Management; Next Generation Enterprises (NGEs); Enterprise Architectures and Integration; AI Applications in Business; Strategic Intelligence; Smart Enterprises, Cities and Communities; Manufacturing 4.0 and Industry 4.0; Mobile Computing and Wireless Communications; Information Security Management;
- Arvind Ravikumar, Ph.D (Princeton University), aravikumar@harrisburgu.edu, *Teaching & Research Interests:* Energy and Environmental Policy, Sustainable Energy Development, Fossil Fuel Use, Global Energy Futures, Methane Emissions, LNG, Energy Transitions in the Developing World, Policy Analysis
- Barry Boyer, Lecturer in ISEM, bboyer@harrisburgu.edu, *Teaching & Research Interests:* IT Quality Assurance, Digital Health, Systems Analysis and Design, Digital Infrastructure, Next Generation Databases and Networks
- Farooq Anjum, Ph.D., (University of Maryland), FAnjum@harrisburgu.edu, *Teaching & Research Interests:* Mobile computing and wireless communications, Big Data applications, Artificial intelligence, Information security, wireless sensor networks, IoTs, Digital agriculture
- Iheb Abdellatif, Ph.D., IAbdellatif@harrisburgu.edu, *Teaching & Research Interests:* Enterprise Architectures and Integration using SOA, Operations management, IoT Applications, web-based systems
- Kirsten Richards, Ph.D. (University of Maryland, Baltimore County), KRichards@harrisburgu.edu, *Teaching & Research Interests:* Database Applications, Cyber Security and Security Management, Digital Health
- Mehdi Noorbaksh, Ph.D., (Univ of Texas, Austin), MNoorbaksh@harrisburgu.edu, International management and business, Strategic management, Global organizations, Healthcare systems and Global health, Energy and alternative sources, Risk management, International relationship issues
- Nushwan Al-Nakash, Ph.D., (Baghdad University), al-nakash@harrisburgu.edu, *Teaching & Research Interests:* Information and Communication Technologies, Computer Science, Software Engineering, Computer Communications, Technology Engineering, Satellite Systems
- Ozlem Cosgun, Ph.D., Ocosgun@harrisburgu.edu, *Teaching & Research Interests:* Operations Research, Data Analytics, Data-driven Prescriptive Analytics, Operations Management, Quantitative Management and Healthcare

Management and Optimization.

- Robert M. Pittman, Ph.D. (Binghamton University), RPittman@harrisburgu.edu, *Teaching & Research Interests*: Large scale systems engineering, Technology management, Program management, Application of traditional engineering principles to small enterprises, Agile methods
- Shane Tomblin, Ph.D., (Univ of Kentucky), STomblin@harrisburgu.edu, *Teaching & Research Interests*: Enterprise Engineering and Architectures, healthcare infomatics, information systems foundations, organizational learning, business process modeling and workflows, structuration, semiotics
- Siamak Aram, Ph.D., Saram@harrisburgu.edu, *Teaching & Research Interests*: Artificial Intelligence, Machine Learning, Big Data Applications, Data analysis and data mining for healthcare and environmental applications.
- Stanley Nwoji, SNwoji@harrisburgu.edu, *Teaching & Research Interests*: Business intelligence, Artificial neural networks, Data warehousing, Strategic management, Entrepreneurship, Data mining, International business, Medical infomatics, Digital marketing.
- Tim Richards, Ph.D. (University of Maryland, Baltimore County), TRichards@harrisburgu.edu, *Teaching & Research Interests*: Big Data Applications, Business intelligence, Artificial neural networks, Data warehousing, Strategic management, Digital Health
- Thomas Plunkett, J.D., (George Mason University), Tplunkett@harrisburgu.edu, *Teaching & Research Interests*: Blockchain, Intellectual Property Law, Quantum Computing, Software Architecture, Big Data, Cloud Computing, Service Oriented Architecture, Software Engineering.
- Wouter Popelier, Lecturer in ISEM, WPopelier@harrisburgu.edu, *Teaching & Research Interests*: Digital Infrastructure, Next Generation Databases and Networks, Enterprise Architecture Frameworks, Software development quality assurance, Data flow and modeling