College of Engineering and Computing

Dean **Amir Mirmiran** Interim Director, School of Computing and Jainendra Navlakha Information Sciences Associate Dean for Academic Affairs **TBA** Associate Dean for Research and Graduate Studies Giri Narasimhan Director, Division of Corporate and Global Programs Jainendra Navlakha Acting Chairperson, Biomedical Engineering **Anthony McGoron** Acting Chairperson, Civil and Environmental Engineering Fang Zhao Chairperson, Construction Management Irtishad U. Ahmad Chairperson, Electrical and Computer Enaineerina Kang Yen Chairperson, Industrial and Systems Engineering Shih-Ming Lee Chairperson, Mechanical and Materials Engineering **Cesar Levy** Director, Advanced Materials Engineering Research Institute W. Kinzy Jones Director, Bioinformatics Research Giri Narashimhan Group Director, Center for Advanced Distributed Systems Engineering Xudona He Director, Center for Advanced Technology and Education Malek Adjouadi Director, Center for Diversity in Engineering and Computing **Gustavo Roig** Director, Center for Emerging Technology For Advanced Information Processing and High-Confidence Systems Naphtali Rishe Director, Center for the Study of Matters at Extreme Conditions Surendra Saxena Director, Distributed Multimedia Information Systems Laboratory **Shu-Ching Chen** Director, Engineering Information Center **Hernan Bormey** Director, Engineering Manufacturing Shih-Ming Lee Center Director, Florida Engineering Education Delivery System **Mercy Rueda Schott** Director, High Performance Database Research Center Naphtali Rishe Director, International Hurricane Research Center Stephen Leatherman Director, Lehman Center for Transportation Research L. David Shen Director. Telecommunications and Information Technology Institute Niki Pissinou Director, Space Planning **Eugene Farmer**

Faculty

Abi Shdid, Caesar, Ph.D. (University of Florida), Instructor and Undergraduate Advisor, Civil and Environmental Engineering

- Adjouadi, Malek, Ph.D. (University of Florida), Professor, Electrical and Computer Engineering; Joint Appointment with Biomedical Engineering; Director, Center for Advanced Technology and Education
- Agarwal, Arvind, Ph.D. (University of Tennessee at Knoxville), Associate Professor, Mechanical and Materials Engineering
- Ahmad, Irtishad, Ph.D., P.E. (University of Cincinnati), Chairperson and Professor, Construction Management; Joint Appointment with Civil and Environmental Engineering
- Ahmed, Syed M., Ph.D. (Georgia Institute of Technology), Associate Professor and Graduate Program Director, Construction Management; Joint Appointment with Civil and Environmental Engineering
- Akache, Walid, M.S. (University of Miami), Instructor, School of Computing and Information Sciences
- Andrian, Jean, Ph.D. (University of Florida), Associate Professor and Graduate Program Director, Electrical and Computer Engineering
- Arellano, Wilmer (Universidad Simon Bolivar), Visiting Instructor, Electrical and Computer Engineering
- Ayala, Melvin, Ph.D. (Zittau Engineering Institute), Adjunct Professor, Electrical and Computer Engineering
- Baier, Ronald, A., M.S., P.E. (University of Florida), Instructor and Undergraduate Advisor, Construction Management
- Bao, Wei Yu, Ph.D. (Florida International University), Laboratories Manager, Mechanical and Materials Engineering
- Barreto, Armando B., Ph.D. (University of Florida), Associate Professor, Electrical and Computer Engineering; Joint Appointment with Biomedical Engineering
- Barton, David, Ph.D. (University of Cambridge), Professor, School of Computing and Information Sciences
- Bayraktar, Mehmet Emre, Ph.D. (Purdue University), Assistant Professor, Construction Management
- Berk, Toby, Ph.D. (Purdue University), Professor Emeritus, School of Computing and Information Sciences
- Bitsuamlak, Girma, Ph.D., P. Eng (Concordia University), Assistant Professor, Civil and Environmental Engineering
- Brown, Michael, Ph.D. (University of Miami), Instructor, Biomedical Engineering
- Caballero, Amaury A., Ph.D., P.E. (Energy Institute of Moscow), Lecturer and Undergraduate Program Advisor, Electrical and Computer Engineering
- Cao, Yiding, Ph.D. (University of Dayton), Professor, Mechanical and Materials Engineering
- Carrera-Perpinan, Miguel, Ph.D. (University of Sheffield), Assistant Professor, School of Computing and Information Sciences
- Centeno, Martha A., Ph.D. (Texas A&M University), Associate Professor and Undergraduate Program Director, Industrial and Systems Engineering; Director, Applied Research in Industrial and Systems Engineering
- Chen, Chin Sheng, Ph.D. (Virginia Polytechnic Institute and State University), Professor and Graduate Program Director, Industrial and Systems Engineering

- Chen, Jiuhua, Ph.D. (Japan Graduate University for Advanced Studies), Associate Professor, Mechanical and Materials Engineering
- Chen, Shu-Ching, Ph.D. (Purdue University), Associate Professor, School of Computing and Information Sciences, Director, Distributed Multimedia Information Systems Laboratory
- Choi, Won-bong, Ph.D. (North Carolina State University), Associate Professor, Mechanical and Materials Engineering
- Chowdhury, Arindam Gan, Ph.D. (lowa State University), Assistant Professor, Civil and Environmental Engineering; Joint Appointment with International Hurricane Research Center, Director, Laboratory for Wind Engineering Research
- Christidis, Evangelos, Ph.D. (University of California-San Diego), Assistant Professor, School of Computing and Information Sciences
- Christie, Michael, Ph.D. (Rutgers University), Instructor and Undergraduate Advisor, Biomedical Engineering
- Clarke, Peter, Ph.D. (Clemson University), Associate Professor, School of Computing and Information Sciences
- Coble, Richard, Ph.D. (University of Florida), Research Professor, Construction Management
- Downey, Timothy, M.S. (State University of New York at Albany), Instructor, School of Computing and Information Sciences
- Dulikravich, George, Ph.D. (Cornell University), Professor, Mechanical and Materials Engineering
- Ebadian, M. Ali, Ph.D. (Louisiana State University), Professor, Mechanical and Materials Engineering
- Fan, Dennis, Ph.D. (State University of New York at Stony Brook), Instructor, Mechanical and Materials Engineering
- Fan, Jeffrey, Ph.D. (University of California, Riverside), Assistant Professor, Electrical and Computer Engineering
- Fanomezantsoa, Mbola, M.S. (State University of New York-Institute of Technology), Instructor, School of Computing and Information Sciences
- Farah, Juan (University of Miami), Adjunct Professor, Electrical and Computer Engineering
- Faria, Jose, Ph.D. (University of Maryland), Assistant Professor, Construction Management
- Farmer, Eugene D., M.Arch., R.A. A.I.A. (University of Illinois), Associate Professor and Undergraduate Program Director, Construction Management
- Fuentes, Hector R., Ph.D., P.E., D.E.E. (Vanderbilt University), Professor and Graduate Program Director, Civil and Environmental Engineering
- Gan, Albert, Ph.D. (University of Florida), Associate Professor, Civil and Environmental Engineering, Deputy Director, Lehman Center for Transportation
- Georgakopoulos, Stavros V., Ph.D. (Arizona State University), Assistant Professor, Electrical and Computer Engineering
- Giachetti, Ronald E., Ph.D. (North Carolina State University), Associate Professor, Industrial and Systems Engineering
- Godavarty, Anuradha, Ph.D. (Texas A&M University), Assistant Professor, Biomedical Engineering
- Hadi, Mohammed, Ph.D., P.E. (University of Florida), Assistant Professor, Civil and Environmental Engineering

- He, Xudong, Ph.D. (Virginia Polytechnic University), Professor, School of Computing and Information Sciences
- Hopkins, Gordon R., Ph.D. (University of Alabama). Professor and Dean Emeritus, Mechanical and Materials Engineering
- Huang, Yen-Chih, Ph.D. (University of Michigan), Assistant Professor, Biomedical Engineering
- Irvine, Kip, M.S. (University of Miami), Instructor, School of Computing and Information Sciences
- Jolibois, Sylvan C., Jr., Ph.D. (University of California-Berkeley), Associate Professor, Civil and Environmental Engineering and Deputy Director, Lehman Center for Transportation Research
- Jones, W. Kinzy, Ph.D. (Massachusetts Institute of Technology), Professor, Mechanical and Materials Engineering and Director, Advanced Materials and Engineering Research Institute
- Kraynek, William, Ph.D. (Carnegie-Mellon University). Professor Emeritus, School of Computing and Information Sciences
- Laha, Shonali, Ph.D., P.E. (Carnegie Mellon University), Associate Professor, Civil and Environmental Engineering
- Larkins, Grover L., Ph.D. (Case Western Reserve University), Professor, Electrical and Computer Enaineerina
- Leatherman, Stephen, Ph.D. (University of Virginia). Research Professor, Joint Appointment with Civil and Environmental Engineering and International Hurricane Research Center
- Lee, Shih-Ming, Ph.D., P.E. (Iowa State University), Associate Professor, Engineering Management
- Levy, Cesar, Ph.D. (Stanford University), Chairperson, Graduate Program Director and Professor, Mechanical and Materials Engineering
- Li, Chenzhong, Ph.D. (University of British Columbia), Assistant Professor, Biomedical Engineering
- Li, Tao, Ph.D. (University of Rochester), Associate Professor, School of Computing and Information Sciences
- Lin, Wei-Chiang, Ph.D. (The University of Texas at Austin), Associate Professor and Graduate Program Director, Biomedical Engineering; Joint Appointment with Miami Children's Hospital
- Lisetti, Christine, Ph.D. (Florida International University), Associate Professor, School of Computing and Information Sciences
- Liu, Chen, Ph.D. (University of California, Irvine), Assistant Professor, Electrical and Computer Engineering
- Liu, Jason, Ph.D. (Dartmouth College), Assistant Professor, School of Computing and Information
- Maldonado, Walter (Florida International University), Undergraduate Advisor, Electrical and Computer Engineering
- McGoron, Anthony J., Ph.D. (Louisiana Tech University), Acting Chairperson; Associate Professor and Undergraduate Program Director, Biomedical Enaineerina
- Milani, Masoud, Ph.D. (University of Central Florida), Associate Professor and Associate Dean, School of Computing and Information Sciences

- Mirafzal, Behrooz, Ph.D. (Marguette University), Assistant Professor, Electrical and Computer Enaineerina
- Miralles-Wilhelm, Fernando, Ph.D., P.E. (Massachusetts Institute of Technology), Associate Professor, Civil and Environmental Engineering
- Mirmiran, Amir, Ph.D., P.E. (University of Maryland), Dean and Professor, Civil and Environmental Engineering
- Mitrani, Jose D., Engr., P.E., CPC, CGC (University of Florida), Associate Professor, Construction Management
- Mohammed, Osama A., Ph.D. (Virginia Polytech.), Professor, Electrical and Computer Engineering
- Munroe, Norman, Ph.D. (Columbia University), Associate Professor, Mechanical and Materials Engineering and Director of Research, Applied Research Center
- Nahas, Tony (New Jersey Institute of Technology). Visiting Instructor, Electrical and Computer Engineering
- Narasimhan, Giri, Ph.D. (University of Wisconsin-Madison), Associate Dean and Professor, School of Computing and Information Sciences
- Navlakha, Jainendra, Ph.D. (Case Western Reserve University), Interim Director and Professor, School of Computing and Information Sciences
- Pala, Nezih, Ph.D. (Rensselaer Polytechnic Institute), Assistant Professor, Electrical and Computer Enaineerina
- Pan, Deng, Ph.D. (University of New York at Stony Brook), Assistant Professor, School of Computing and Information Sciences
- Panepucci, Roberto, Ph.D. (University of Illinois), Assistant Professor, Electrical and Computer Engineering
- Pasztor, Ana, DRN (Darmstadt University, West Germany), Professor, School of Computing and Information Sciences
- Pelin, Alex, Ph.D. (University of Pennsylvania), Associate Professor, School of Computing and Information Sciences
- Pestaina, Norman, M.S. (Pennsylvania State University), Instructor, School of Computing and Information Sciences
- Pissinou, Niki, Ph.D. (University of Southern California), Professor, School of Computing and Information Sciences; Director, Telecommunications and Information Technology Institute
- Prabakar, Nagarajan, Ph.D. (University of Queenland), Associate Professor, School of Computing and Information Sciences
- Prieto-Portar, Luis A., Ph.D., P.E. (Princeton University), Professor, Civil and Environmental
- Rangaswami, Raiu, Ph.D. (University of California-Santa Barbara), Associate Professor, School of Computing and Information Sciences
- Rishe, Naphtali, Ph.D. (Tel Aviv University, Israel), Professor, School of Computing and Information Sciences and Director, High Performance Database Research Center
- Roig, Gustavo, A., Ph.D. (University of Florida), Professor, Electrical and Computer Engineering and Director, Center for Diversity in Engineering and Computing

- Sadjadi, Masoud, Ph.D. (Michigan State University), Assistant Professor, School of Computing and Information Sciences
- Sanchez, Mario, M.S. (Florida International University). Lecturer and Advisor, Industrial and Systems Engineering, Senior Engineer and Manager, Engineering Manufacturing Center
- Saxena, Surendra, Ph.D. (Upsala University), Professor, Mechanical and Materials Engineering and Director, Center for the Study of Matters at Extreme Conditions
- Schenck, Carmen, M.S. (Florida International University), Advisor and Instructor, Mechanical and Materials Engineering
- Schmidt, Pierre, Ph.D. (The Pennsylvania State University), Visiting Professor, Electrical and Computing
- Shaw, Gregory, M.S. (Barry University), Instructor, School of Computing and Information Sciences
- Shen, Lon-Li, David, Ph.D., P.E., T.E. (Clemson University), Professor, Civil and Environmental Engineering; Director, Lehman Center for Transportation Research
- Smith, Geoffrey, Ph.D. (Cornell University), Associate Professor, School of Computing and Information Sciences
- Smith, Joslyn, M.S. (University of New Brunswick), Instructor, School of Computing and Information
- Suksawang, Nakin, Ph.D. (Rutgers University), Assistant Professor, Civil and Environmental Engineering
- Sun Ju, Ph.D. (State University of New York at Stony Brook), Instructor, Mechanical and Materials Engineering
- Tang, Walter Z., Ph.D., P.E. (University of Delaware), Associate Professor, Civil and Environmental Engineering
- Tansel, Berrin, Ph.D., P.E. (University of Wisconsin-Madison), Associate Professor, Civil and Environmental Engineering
- Tansel, Ibrahim, Ph.D. (University of Wisconsin-Madison), Professor, Mechanical and Materials Enaineerina
- Tosunoglu, Sabri, Ph.D. (University of Florida). Associate Professor and Undergraduate Program Director, Mechanical and Materials Engineering
- Tsoukias, Nikolaos, Ph.D. (University of California, Irvine), Assistant Professor, Biomedical Engineering
- Tsukanov, Igor, Ph.D. (Northwestern University), Assistant Professor, Mechanical and Materials Engineering
- Urban, Frank K., Ph.D., P.E. (University of Florida), Associate Professor, Electrical and Computer Engineering
- Walker, Charlyne, Ph.D. (Barry University), Instructor, School of Computing and Information Sciences and Director of Educational Research and Evaluation
- Wang, Chunlei (Peggy), Ph.D. (Jilin University), Associate Professor, Mechanical and Materials Engineering
- Wang, Ton-Lo, Ph.D., P.E. (Illinois Institute of Technology), Professor and Undergraduate Program Director, Civil and Environmental Engineering
- Weiss, Jill, M.S. (Barry University), Instructor, School of Computing and Information Sciences
- Weiss, Mark, Ph.D. (Princeton University), Professor, School of Computing and Information Sciences

- Wu, Kuang-Hsi, Ph.D., P.E. (University of Illinois), Professor, Mechanical and Materials Engineering
- Yang, Zhenyu, Ph.D. (University of Illinois at Urbana-Champaign), Assistant Professor, School of Computing and Information Sciences
- Yen, Kang K., Ph.D., P.E. (Vanderbilt University), Chairperson and Professor, Electrical and Computer Engineering
- Wei, Jinpeng, Ph.D. (Georgia Tech), Assistant Professor, School of Computing and Information Sciences
- Zhao, Fang, Ph.D., P.E. (Carnegie Mellon University), Acting Chair and Professor, Civil and Environmental Engineering, Deputy Director, Lehman Center for Transportation Research
- Zhao, Ming, Ph.D. (University of Florida), Assistant Professor, School of Computing and Information
- Zhu, Hao, Ph.D. (Pennsylvania State University), Assistant Professor, School of Computing and Information Sciences
- Zhu, Yimin, Ph.D., CCE (University of Florida), Assistant Professor, Construction Management