College of Engineering and Computing

Dean John Volakis Associate Dean for Academic Anthony J. McGoron Affairs Associate Dean for Research **Osama Mohammed** Associate Dean for Undergraduate Studies **Mark Weiss**

Chairperson, Biomedical Ranu Jung Engineering Chairperson, Civil and Environmental Engineering Atorod Azizinamini Chairperson, Electrical and Computer Shekhar Bhansali Engineering Chairperson, Mechanical and Materials Engineering **Arvind Agarwal**

Director, School of Computing and Information Sciences Director. S. S. Iyengar Interim Director, Moss School of Construction, Infrastructure and Sustainability Jose Faria Interim Director, School of Universal Computing, Construction, and Engineering Education (SUCCEED) **Mark Weiss**

Director, Center for Advanced Technology and Education Malek Adjouadi Director, Accelerated Bridge Construction University Transportation Center Atorod Azizinamini Co-Director, Accelerated Bridge Construction **David Garber** Director, NHERI Wall of Wind (WOW) Experimental Facility (EF); Co-Director, Lab. Wind Engineering Arindam Chowdhurv Research Director, Wind Engineering Research **Ioannis Zisis** Director, International Hurricane **Richard Olson** Research Center Director, Lehman Center for Transportation Research L. David Shen Director, Transit Program and Co-Director of Driving Simulation Lab **Fabian Cevallos**

Director, Florida Center for Cyber Infrastructure Education and Research for Assurance and Trust S. S. Iyengar Director, High Performance Database Research Center Director, Industry/University Cooperative Research Center (I/UCRC) Center for Advanced Knowledge Enablement (CAKE) Naphtali Rishe Director, Telecommunications and Information Technology Institute Niki Pissinou Director, Distributed Multimedia Information Systems Laboratory Shu-Ching Chen Director, Advanced Materials Engineering Research **Arvind Agarwal** Institute (AMERI) Director, Engineering Manufacturing **Ibrahim Tansel** Director, Center for Diversity and Student Success (CDSS) **Andres Tremante** Director, Center for the Study of Matters at Extreme Conditions Jiuhua Chen Program Director of International Program Development Kang K Yen

Director International Programs, (South East Asia) Khokiat Kengskool Director, Division of External **Mercy Rueda Schott** Program Interim Director, Engineering Information Technology Center Alberto Oria

Faculty

Adjouadi, Malek, Ph.D. (University of Florida), Professor, Electrical and Computer Engineering and Director, Center for Advanced Technology and Education

Afanasyev, Alexander, Ph.D. (University of California-Los Angeles) Assistant Professor, School of Computing and Information Science

Agarwal, Arvind, Ph.D. (University of Tennessee at Knoxville), Professor, Mechanical and Materials Enaineerina

Ahmad, Irtishad, Ph.D., P.E. (University of Cincinnati). Professor, Moss School of Construction, Infrastructure and Sustainability

Akkaya, Kemal Ph.D. (University of Maryland Baltimore County), Professor, Electrical and Computer Engineering

Ali, Hesham, Ph.D., (City University of New York- City College of New York), Professor of Practice, Civil and Electrical Engineering

Alluri, Priyanka, Ph.D., P.E. (Clemson University), Assistant Professor, Civil and Environmental Engineering

Alwan, Elias Antoun, Ph.D., (Ohio State University) Assistant Professor, Electrical and Computer Engineering

Andrian, Jean, Ph.D. (University of Florida), Associate Professor and Associate Chair; Electrical and Computer Engineering

Arellano, Wilmer, Ph.D., P.E. (Florida Atlantic University), Senior Instructor, Electrical and Computer Engineering

Azizinamini, Atorod, Ph.D., P.E. (University of South Carolina-Columbia), Professor and Chairperson, Civil and Environmental Engineering

Bai, Ou, Ph.D. (Saga University) Assistant Professor, Electrical and Computer Engineering

Baier, Ronald, A., M.S., P.E. (University of Florida), University Instructor Emeritus, Moss School of Construction, Infrastructure and Sustainability

Bajuelos, Antonio, Ph.D. (Joint Institute for Nuclear Research), Instructor, School of Computing and Information Sciences

Bao, Wei Yu, Ph.D. (Florida International University), Instructor, Mechanical and Materials Engineering

Barreto, Armando B., Ph.D. (University of Florida), Professor, Electrical and Computer Engineering

Beladi, Seyad Ebrahim, Ph.D (University of Florida), Instructor, Mechanical and Material Engineering

Bernardo-Bricker, Anna R., Ph.D. (Florida International University), Senior Instructor Instructor, Civil and Environmental Engineering

Bhardwaj, Shubhendu, Ph.D., (The Ohio State University), Assistant Professor, Electrical and Computer Engineering

Bhansali, Shekhar, Ph.D. (Royal Melbourne Institute of Technology), Alcatel-Lucent Professor and Chairperson, Electrical and Computer Engineering

Blazek, Rick, Ph.D. (Nova Southeastern University), Instructor, School of Computing and Information Sciences

- Bobadilla, Jamie Leonardo, Ph.D. (University of Illinois), Assistant Professor, School of Computing and Information Sciences
- Boesl, Benjamin, Ph.D. (University of Florida), Assistant Professor, Mechanical and Materials Engineering
- Brown, Michael, M.D., Ph.D. (University of Miami), University Instructor, Biomedical Engineering
- Caballero, Amaury A., Ph.D., P.E. (Energy Institute of Moscow), University Lecturer, Electrical and Computer Engineering
- Cabrera, Carlos J M.S, (Florida International University), Instructor, School of Computing and Information Sciences
- Cabrerizo, Mercedes, Ph.D. (Florida International University), Mark Edwards Professorship in Neuroscience and Learning and Assistant Professor, Electrical and Computer Engineering
- **Cao, Yiding, Ph.D.** (University of Dayton), Professor, Graduate Program Director, Mechanical and Materials Engineering
- Caraballo, Juan Fernando Ph.D., (Florida International University), Instructor, School of Computing and Information Sciences
- **Carbunar, Bogdan, Ph.D.** (Purdue University), Associate Professor, School of Computing and Information Sciences
- **Cevallos, Fabian Gonzalo Ph.D.,** (Florida International University), Assistant Professor, Civil and Environmental Engineering
- Chaparro, Gustavo, Ph.D. (Florida International University), Instructor, Electrical and Computer Engineering
- Charters, Maria, M.S. (Barry University), Instructor, School of Computing and Information Sciences
- Chen, Chin Sheng, Ph.D. (Virginia Polytechnic Institute and State University), Professor, Electrical and Computer Engineering
- Chen, Dong Ph.D. (University of Massachusetts Amherst), Assistant Professor, School of Computing and Information Sciences
- **Chen, Jiuhua, Ph.D.** (Japan Graduate University for Advanced Studies), Professor, Mechanical and Materials Engineering
- Chen, Shu-Ching, Ph.D. (Purdue University), Eminent Scholar Chaired Professor, School of Computing and Information Sciences
- Cheng, Zhe, Ph.D. (Georgia Institute of Technology), Assistant Professor, Mechanical and Materials Engineering
- Chowdhury, Arindam Gan, Ph.D. (Iowa State University), Professor, Civil and Environmental Engineering; Director, NHERI Wall of Wind (WOW) Experimental Facility (EF); Co-Director, Lab. Wind Engineering Research, Extreme Events Institute, an FIU Preeminent Program
- Christie, Michael, Ph.D. (Rutgers University), Senior Instructor, Biomedical Engineering
- Cickovski, Trevor, Ph.D. (Notre Dame), Instructor, School of Computing and Information Sciences
- Clarke, Peter, Ph.D. (Clemson University), Associate Professor, School of Computing and Information Sciences
- Danziger, Zachary, Ph.D. (Northwestern University), Assistant Professor, Biomedical Engineering
- Davis, Debra, Ph.D. (University of Texas), Instructor, School of Computing and Information Sciences

- Deng, Hai, Ph.D. (University of Texas, Austin), Associate Professor, Electrical and Computer Engineering
- Dofe, Jaya, Ph.D. (University of New Hampshire), Instructor, Electrical and Computer Engineering
- **Downey, Timothy, M.S.** (State University of New York at Albany), University Instructor, School of Computing and Information Sciences
- Dulikravich, George, Ph.D. (Cornell University),
 Professor, Mechanical and Materials Engineering;
 Professor, Founder and Director, MAIDROC Laboratory;
 Founder and Editor-in-Chief, Inverse Problems in
 Science and Engineering journal
- Ebadian, M. Ali, Ph.D. (Louisiana State University), Professor, Mechanical and Materials Engineering
- Elawady, Amal Mohamed Kamel, Ph.D., (University of Western Ontario, Canada), Assistant Professor, Civil and Environmental Engineering
- **El-Zahab, Bilal, Ph.D.** (University of Akron), Assistant Professor, Mechanical and Materials Engineering
- **EIZomor, Mohamed, Ph.D.** (Arizona State University)
 Assistant Professor, Moss School of Construction,
 Infrastructure and Sustainability
- Faria, Jose, Ph.D. (University of Maryland), Senior Instructor, Director of Industrial Relations; Interim Director of the Moss School of Construction, Infrastructure and Sustainability
- Farmer, Eugene, M.S.(University of Illinois Urbana-Champaign) Professor Emeritus, Moss School of Construction, Infrastructure and Sustainability
- Feild, William, M.S. (Florida International University), Instructor, School of Computing and Information Sciences
- Finlayson, Mark, Ph.D. (Massachusetts Institute of Technology), Assistant Professor, School of Computing and Information Sciences
- Fuentes, Hector R., Ph.D., P.E., B.C.E.E. (Vanderbilt University), Professor, Civil and Environmental Engineering
- Galarza, Luis E, Ph.D., (Florida International University), Instructor, Electrical and Computer Engineering
- Gan, Cheng-Tin, (University of Florida), Professor, Civil and Environmental Engineering
- Garber, David, Ph.D. (University of Texas at Austin), Assistant Professor, Civil and Environmental Engineering
- Georgakopoulos, Stavros V., Ph.D. (Arizona State University), Professor, Electrical and Computer Engineering
- Gholamiboroujeni, Kianoush, Ph.D. (Florida International University), Instructor, School of Computing and Information Sciences
- **Godavarty, Anuradha, Ph.D.** (Texas A&M University), Associate Professor, Undergraduate Program Director, Biomedical Engineering
- Hadi, Mohammed, Ph.D., P.E. (University of Florida), Professor, Civil and Environmental Engineering
- **He, Xudong, Ph.D.** (Virginia Polytechnic University), Professor, School of Computing and Information Science
- Hernandez, Antonio, Ph.D., (Hiroshima University), Instructor, School of Computing and Information Sciences
- Hopkins, Gordon R., Ph.D. (University of Alabama), Professor and Dean Emeritus, Mechanical and Materials Engineering
- Hoque, Md Endadul, Ph.D., (Purdue University),

- Assistant Professor, School of Computing and Information Sciences
- **Hu, Liting, Ph.D.** (Georgia Tech) Assistant Professor, School of Computing and Information Sciences
- Hutcheson, Joshua, Ph.D. (Vanderbilt University), Assistant Professor, Biomedical Engineering
- **Ibrahim, Ahmed, Ph.D.** (University of Maryland), Assistant Professor, Electrical and Computer Engineering
- Irwin, Peter A, Ph.D., (McGill University), Professor of Practice, Civil and Environmental Engineering
- Iyengar, S. S., Ph.D. (Mississippi State University), Professor, Director of the School of Computing and Information Sciences
- Jiao, Shuliang, Ph.D. (Texas A&M University), Professor, Biomedical Engineering
- Jin, Xia Ph.D., (University of Wisconsin), Associate Professor, Civil and Environmental Engineering
- Jung, Ranu, Ph.D. (Case Western Reserve University), Eminent Scholar Chaired Professor and Chairperson, Biomedical Engineering
- Kalasapudi, Vamsi Sai, Ph.D., (Arizona State University), Instructor, Moss School of Construction, Infrastructure, and Sustainability
- **Kelly, David, Ph.D.** (University of Nottingham, Nottingham, UK) Assistant Professor, Mechanical and Materials Engineering
- Kengskool, Khokiat, Ph.D. (University of Missouri-Columbia), Senior Instructor, Civil and Environmental Engineering; Director International Programs, (South East Asia)
- Khizroev, Sakhrat, Ph.D. (Carnegie-Mellon University), Professor, Electrical and Computer Engineering and Director, Center for Nanomedicine
- Laha, Shonali, Ph.D., P.E. (Carnegie Mellon University), Associate Professor, Civil and Environmental Engineering
- Lai, Cheng-Yu, Ph.D. (lowa State University) Associate Professor, Mechanical and Materials Engineering
- Larkins, Grover L., Ph.D. (Case Western Reserve University), Professor, Electrical and Computer Engineering
- Lau, Kingsley, Ph.D. (University of South Florida), Associate Professor, Civil and Environmental Engineering
- Lee, Seung J., Ph.D. (University of Illinois at Urbana-Champaign), Assistant Professor, Civil and Environmental Engineering
- Lee, Shih-Ming, Ph.D., P.E. (Iowa State University), Professor of Practice, Electrical and Computer Engineering
- Leon, Arturo, Ph.D. (University of Illinois at Urbana-Champaign) Associate Professor, Civil and Environmental Engineering
- Levy, Cesar, Ph.D. (Stanford University), Professor, Mechanical and Materials Engineering
- Li, Chenzhong, Ph.D. (University of British Columbia), Professor, Biomedical Engineering
- **Li, Jun, Ph.D.,** (Oklahoma State University), Assistant Professor, School of Computing and Information Sciences
- Lin, Cheng-Xian, Ph.D. (Chongqing University, Assistant Professor, School of Computing and Information Sciences Peoples' Republic of China), Associate Professor, Mechanical and Materials Engineering

- Lin, Wei-Chiang, Ph.D. (The University of Texas at Austin), Associate Professor, Biomedical Engineering
- Lisetti, Christine, Ph.D. (Florida International University), Associate Professor, School of Computing and Information Sciences
- Liu, Jason, Ph.D. (Dartmouth College), Associate Professor, School of Computing and Information Sciences
- Lv, Xuan, Ph.D. (University of Illinois Urbana-Champaign) Assistant Professor, Moss School of Construction, Infrastructure and Sustainability
- Madanayake, Arjuna, Ph.D. (Univ. of Calgary) Associate Professor, Electrical and Computer Engineering
- Mardanpour, Pezham, Ph.D., (Georgia Institute of Technology), Mechanical and Material Engineering
- Martinez, Cora, Ph.D. (Florida International University), Senior Instructor and Advisor, Civil and Environmental Engineering
- McDermott-Wells, Patricia, M.S. (University of Miami), Senior Instructor, School of Computing and Information Sciences
- McGoron, Anthony J., Ph.D. (Louisiana Tech University), Professor, Biomedical Engineering and Associate Dean for Academic Affairs
- McPherson, Jacob G., Ph.D. (Northwestern University), Assistant Professor, Biomedical Engineering
- Mehrabi, Armin Barzegar, Ph.D., (University of Colorado), Associate Professor, Civil and Environmental Engineering
- Milani, Masoud, Ph.D. (University of Central Florida), Associate Professor, School of Computing and Information Sciences
- Mohammed, Osama A., Ph.D. (Virginia Polytech.), Professor, Electrical and Computer Engineering; Associate Dean for Research
- Mondal, Ananda, Ph.D. (University of South Carolina), Assistant Professor, School of Computing and Information Sciences
- Morad, Ayman A., Ph.D. (Virginia Tech), Senior Instructor, Moss School of Construction, Infrastructure and Sustainability
- Mujawar, Mubarak Ajmuddin, Ph.D., (University College of Dublin), Instructor, Electrical and Computer Engineering
- Muller Karger Pereda, Carmen Maria, Ph.D., (Central University of Venezuela), Instructor, Mechanical and Material Engineering
- Munroe, Norman, Ph.D. (Columbia University), Professor, Mechanical and Materials Engineering
- Narasimhan, Giri, Ph.D. (University of Wisconsin-Madison), Professor, School of Computing and Information Sciences
- Navlakha, Jainendra, Ph.D. (Case Western Reserve University), Professor, School of Computing and Information Sciences
- Orabi, Wallied, Ph.D. (University of Illinois, Urbana-Champaign), Associate Professor, Moss School of Construction Infrastructure and Sustainability
- Ortega, Francisco Raul, Ph.D., (Florida International University), Assistant Professor, School of Computing and Information Sciences
- Pala, Nezih, Ph.D. (Rensselaer Polytechnic Institute), Associate Professor, Graduate Program Director Electrical and Computer Engineering
- Pan, Deng, Ph.D. (University of New York at Stony Brook), Associate Professor, School of Computing and

- Information Sciences
- Perez-Pons, Alexander, Ph.D. (University of Miami), Instructor, Electrical and Computer Engineering
- Pissinou, Niki, Ph.D. (University of Southern California), Eminent Scholar Chaired Professor, School of Computing and Information Sciences; Director, Telecommunications and Information Technology Institute
- Prabakar, Nagarajan, Ph.D. (University of Queensland), Associate Professor, School of Computing and Information Sciences
- Pradhananga, Nipesh, Ph.D., (Georgia Institute of Technology), Assistant Professor, Moss School of Construction, Infrastructure, and Sustainability
- Pulugurtha, Markondeyaraj, Ph.D., (Rutgers University) Associate Professor, Biomedical Engineering
- Quan, Gang, Ph.D. (University of Notre Dame), Professor, Electrical and Computer Engineering
- Radu, Daniela, Ph.D. (Iowa State University) Associate Professor, Mechanical and Materials Engineering
- Rahman, Farzana, Ph.D. (Marquette University), Assistant Professor, School of Computing and Information Sciences
- Rahn, Caryl, M.S. (University of Pittsburgh), Instructor, School of Computing and Information Sciences
- Ramaswamy, Sharan, Ph.D. (University of Iowa), Associate Professor, Biomedical Engineering
- Ramella-Roman, Jessica, Ph.D. (Oregon Health and Science University), Associate Professor, Biomedical Engineering
- Ramsey, David Wayne, Ph.D., (Arizona State University), Instructor, Moss School of Construction, Infrastructure, and Sustainability
- Rangaswami, Raju, Ph.D. (University of California-Santa Barbara), Associate Professor, School of Computing and Information Sciences
- Reis, Gregory, (Florida International University)
 Instructor, School of Computer and Information Science
- Rezapour, Shabnam, PhD. (University of Oklahoma)
 Assistant Professor, Electrical and Computer
 Engineering
- Riera Diaz, Jorge J., Ph.D. (University of Havana), Associate Professor, Graduate Program Director, Biomedical Engineering
- Rishe, Naphtali, Ph.D. (Tel Aviv University, Israel), Eminent Scholar Chaired Professor, School of Computing and Information Sciences and Director, High Performance Database Research Center
- Robinson, Michael, M.S. (Florida International University), Instructor, School of Computing and Information Sciences
- Roig, Gustavo, A., Ph.D. (University of Florida), Professor, Electrical and Computer Engineering
- Ross, Monique, Ph.D. (Purdue University) Assistant Professor, School of Computing and Information Sciences
- Saeed, Fahad, Ph.D. (University of Illinois at Chicago)
 Associate Professor, School of Computing and
 Information Sciences
- Sadjadi, Seyedmasoud, Ph.D. (The Michigan State University), Associate Professor, School of Computing and Information Sciences
- Sadri, Arif, Ph.D. (Purdue University) Assistant Professor, Moss School of Construction, Infrastructure and Sustainability

- Sarwat, Arif, Ph.D. (University of South Florida), Associate Professor, Electrical and Computer Engineering
- Schenck, Carmen, M.S. (Florida International University), Advisor and Senior Instructor, Mechanical and Materials Engineering
- Schmahl, Karen E. (University of Cincinnati), Professor of Practice, Electrical and Computer Engineering
- Schummers, James, Ph.D. (Massachusetts Institute of Technology, Cambridge) Associate Professor, Biomedical Engineering
- Shaw, Gregory, M.S. (Barry University), Senior 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), Professor, School of Computing and Information Sciences
- **Smith, Joslyn, M.S.** (University of New Brunswick), Senior Instructor, School of Computing and Information
- Sun, Ju, Ph.D. (State University of New York at Stony Brook), Senior Instructor, Mechanical and Materials Engineering
- Tang, Zhonghong, Ph.D., (University of Delaware), Associate Professor, Civil and Environmental Engineering
- Tansel, Berrin, Ph.D., P.E. (University of Wisconsin-Madison), Professor, Civil and Environmental Engineering
- Tansel, Ibrahim, Ph.D. (University of Wisconsin-Madison), Professor, Mechanical and Materials Engineering and Director, Engineering Manufacturing Center
- Tehrani, Atoussa H., Ph.D. (University of Science & Technology of Lille Flandres Artois), Instructor, Electrical and Computer Engineering
- **Tosunoglu, Sabri, Ph.D.** (University of Florida), Associate Professor, Mechanical and Materials Engineering
- Tremante, Andres, Ph.D. (UNAM-Paris, France), Senior Instructor, Mechanical and Materials Engineering; Director, Center for Diversity and Student Success (CDSS)
- Tsoukias, Nikolaos, Ph.D. (University of California, Irvine), Associate Professor, Biomedical Engineering
- **Uluagac, A. Selcuk, Ph.D., (**Georgia Institute of Technology), Assistant Professor, Electrical and Computer Engineering
- **Urban, Frank K., Ph.D., P.E.** (University of Florida), Associate Professor, Electrical and Computer Engineering
- Vlasov, Yuri., Ph.D., (A.F. loffe Physico-Technical Institute) Instructor, Electrical and Computer Engineering
- Volakis, John L., Ph.D., (The Ohio State University), Dean, College of Engineering and Computing, Professor, Electrical and Computer Engineering
- Wang, Chunlei, Ph.D. (Jilin University),
 Professor, Mechanical and Materials Engineering
- Wang, Ton-Lo, Ph.D., P.E. (Illinois Institute of Technology), Professor and Associate Chair, Civil and Environmental Engineering
- Watson, Herman, Ph.D. (Florida International University), Lecturer, Electrical and Computer Engineering
- Weiss, Jill, M.S. (Barry University), University Instructor,

- School of Computing and Information Sciences
- Weiss, Mark, Ph.D. (Princeton University), Eminent Scholar Chaired Professor, School of Computing and Information Sciences; Associate Dean for Undergraduate Education; Interim Director, School of Universal Computing, Construction, and Engineering Education (SUCCEED)
- Wen, Wujie, Ph.D., (University of Pittsburgh), Assistant Professor, Electrical and Computer Engineering
- Xie, Ning, Ph.D. (Massachusetts Institute of Technology), Assistant Professor, School of Computing and Information Sciences
- Yen, Kang K., Ph.D., P.E. (Vanderbilt University), Professor, Graduate Program Director (M.S.), Electrical, Program Director of International Program Development and Computer Engineering
- Zeng, Wei, Ph.D. (Chinese Academy of Sciences), Assistant Professor, School of Computing and Information Sciences
- Zhang, Lu, Ph.D. (University of Illinois Urbana-Champaign) Assistant Professor, Moss School of Construction, Infrastructure and Sustainability
- Zisis, Ioannis, Ph.D. (Concordia University), Associate Professor, Civil and Environmental Engineering; Co-Director, Laboratory for Wind Engineering Research, International Hurricane Research Center