

Officer Nominees



**Aaron C. Clark  
for Vice-Chair**

Aaron C. Clark is an Associate Professor of Technology, Design and Engineering Education within the College of Education and is the Director of Graduate Programs for the Department of Mathematics, Science, and Technology Education. He received his B.S. and M.S. in Technology and earned his doctoral degree in Technology Education. Dr. Clark has worked in both industry and education, including administration at the regional college level. He lived and worked in Virginia, Tennessee and Maryland before coming to North Carolina. His teaching specialties are in visual theory, 3-D modeling, and technical animation. Research areas include graphics education and scientific/technical visualization. He presents and publishes in both technical/technology education and engineering. He has been and continues to be a Principle Investigator on a variety of grants related to visualization and education and has focused his research in areas related to STEM curricula integration. Dr. Clark has been a member of the Engineering Design Graphics Division of the American Society for Engineering Education (ASEE) since 1995; and has served in leadership roles and on committees for the Division since that time. He is also an active member of the K-12 Outreach Division within ASEE. Dr. Clark is recognized as a Distinguished Technology Educator by the International Technology Education Association.



**Moustafa Moustafa  
for Vice-Chair**

Professor Moustafa joined the Mechanical Engineering Technology department at Old Dominion University in Norfolk, Virginia in August 1979. Professor Moustafa received his BS in Mechanical Engineering from the Higher Institute of Technol-

ogy in Egypt in 1964. He received a Masters of Engineering degree in Machine Design from the University of Illinois, 1976 (Mechanical and Industrial Engineering Dpt.) and another Masters of Engineering in Structures and Stress Analysis from the University of Illinois in 1979 (Aeronautical and Astronautical Engineering Dpt.).

Moustafa completed the Ph.D. course requirements in Structural Analysis in Civil Engineering at Old Dominion University. Professor Moustafa's interest is in the area of Mechanical Systems design such as computer-aided design, computer graphics, 3-D solid modeling, stress analysis and design for safety. As a certified manufacturing engineer, Professor Moustafa is active in professional societies such as SME, ASME, ASEE.

During his 30 year career at Old Dominion University, Moustafa has served in many executive capacities, received numerous awards, and presented a number of papers in scientific conferences.

Moustafa received the Frank Batten award for industrial partnering, received numerous student awards for favorite professor in engineering, and numerous service awards from professional organizations.

Moustafa founded the Autodesk authorized training center at Old Dominion University and served as its director for 15 years. Moustafa taught several hundred continuing education classes training professionals in AutoCAD and other Autodesk software products.

Moustafa has published and presented several technical papers in scientific and engineering journals and conferences.

As a consultant, Professor Moustafa has worked with local and out of state companies on projects such as stress analysis for a local locomotive manufacturing company to solve a problem on failure


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of the main shaft, analysis for a computer security company in New York for work done in Saudi Arabia, transformed a medium size machine shop from traditional manufacturing processes to CAD-CAM. He also participated in a number of projects with the Technology Application Center at Old Dominion University.

Professor Moustafa has served as an independent expert witness in court cases involving industrial safety issues.



**William Howard**  
**for Membership Chair**

William E. (Ed) Howard is in his fifth year as a faculty member in the Department of Engineering at East Carolina University, where he teaches graphics, computer applications, and mechanics courses. Prior to moving to ECU, he worked in industry for 14 years at Thiokol Corporation, Spaulding Composites Company, and Sta-Rite Industries, and was a faculty member in the Mechanical Engineering Department at Milwaukee School of Engineering for nine years. He is the author of two textbooks: *An Introduction to Solid Modeling Using SolidWorks* (with Joseph Musto), and *Engineering Computations: An Introduction Using MATLAB and Excel* (with Joseph Musto and Richard Williams), both of which are published by McGraw-Hill.



**Kevin Devine**  
**for Membership Chair**

Kevin Devine is an Assistant Professor in the Department of Technology at Illinois State University. Kevin has a Doctorate of Education degree in Curriculum and Instruction and Bachelor of Science and Master of Science degrees in Industrial Technology. Prior to becoming an educator, he was a Senior Engineer in CAD/CAM Systems and NC

Systems in the aerospace industry. Kevin's teaching areas include engineering graphics and solid modeling, robotics technology and machining & CNC programming. Kevin's research interests include exploring ways of using modern engineering technology to teach STEM principles. Kevin received the 2008 Editor's Award from the EDGJ for an article describing his research using solid modeling software to help teach mathematics to high school students. In addition to being a member of ASEE/EDGD, Kevin serves on the Board of Directors for the Illinois Drafting Educators Association (IDEA).



**Ron Paré**  
**for Program Chair**

Ronald C. Paré is a Professor Emeritus of Engineering Technology, College of Technology, University of Houston. Professor Paré has BSME and MSME degrees from Washington State University and California State University-Los Angeles. He taught Computer-Aided Drafting and Design at the University of Houston from 1983 until retirement in 2005. Prior to his University of Houston position, Professor Paré was an Associate Professor and senior administrator at Cogswell College in San Francisco and Seattle for ten years. Professor Paré began his teaching career in 1968 at California State Polytechnic University in Pomona, where he taught Engineering Graphics and helped initiate the Engineering Technology programs in the California State University System. Professor Paré's research interest is the Industrial and Educational Applications of Computer Graphics and Descriptive Geometry. He is the author of a textbook entitled *Descriptive Geometry*, which is used at over 140 universities and colleges in the US, including six in Texas. Professor Paré has taught CAD on Television and via the Internet.

Professor Paré is a life member ASEE and ASME.



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He has served in elected positions of the Engineering Technology and Engineering Design Graphics Divisions of ASEE and the Mechanical Engineering Technology Department Heads Committee and the Board on Education of ASME. He currently represents ASME as a Mechanical Engineering Technology and Drafting Design Engineering Technology ABET Program Evaluator.

**Sheryl Sorby  
for Program Chair**



Dr. Sheryl Sorby is a Professor of Mechanical Engineering-Engineering Mechanics and Director of Engineering Education and Innovation at Michigan

Technological University. She recently served as a Program Director within the Division of Undergraduate Education at the National Science Foundation. Dr. Sorby received a Bachelor of Science in Civil Engineering in 1982, a Master's in Engineering Mechanics in 1985, and a PhD in Mechanical Engineering-Engineering Mechanics in 1991, all from Michigan Technological University. She was Michigan Tech's first graduate exchange student, attending the Federal Technical Institute in Zurich, Switzerland for the 1983-84 academic year. She has been on the faculty at Michigan Tech since 1986, starting first as an Instructor while completing her PhD degree and later joining the tenure-track ranks in 1991. Dr. Sorby is the former Associate Dean for Academic Programs in the College of Engineering and the former Department Chair of Engineering Fundamentals at Michigan Tech. Her research interests include graphics and visualization. She has been the principal investigator or co-principal investigator on more than \$5M in external funding, most from the National Science Foundation for educational projects. She was the recipient of the Betty Vetter research award through the Women in Engineering ProActive Network (WEPAN) for her work in improving the spatial

skills and ultimately the success of women engineering students. She has also been a leader in developing first-year engineering and the Enterprise program at Michigan Tech and is the author of numerous publications and several textbooks. Dr. Sorby currently serves as an Associate Editor for ASEE's new online journal, *Advances in Engineering Education*. In 2007, she received the Distinguished Service Award from the Engineering Design Graphics Division of ASEE. She was the recipient of the Dow Outstanding New Faculty Award and the Distinguished Teaching award, both from the North Midwest Section of ASEE. Dr. Sorby is a member of the Michigan Tech Council of Alumnae. Her proudest achievement is the success of her three children. Her two daughters are pursuing graduate degrees in engineering and her son is still finding himself.

