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2021 Board of Directors

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Board of Directors
Meeting Dates

April 19-21, 2021
ASTM International Headquarters
West Conshohocken, Pennsylvania, USA

October 17-20, 2021
Fairmont San Francisco
San Francisco, California, USA

Annual Business Meeting

June 1, 2021
Sheraton Centre
Toronto, Ontario, CA

2021 Board of Directors

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John R. Logar

Vice Chairs
Cesar A. Constantino
William A. Ells

Finance and Audit Committee Chair
Bill Griese

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Klas M. Boivie
Gregory J. Bowles
Scott Fenwick
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Bonnie McWade-Furtado
Carol Pollack-Nelson
Casandra W. Robinson
Dalia Yarom

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Board Chair

John R. Logar is a senior director of aseptic processing and terminal sterilization in the Microbiological Quality and Sterility Assurance organization at Johnson & Johnson (Raritan, New Jersey). Johnson & Johnson is a global healthcare products manufacturer and provider of related services.

Logar, an ASTM member since 2001, currently serves on the executive subcommittees of the committees on radiation processing (E61) and manufacture of pharmaceutical and biopharmaceutical products (E55). He received the Peter D. Hedgecock Award in 2010 for his contributions to the committee on nuclear technology and applications (E10). Logar, who served on the ASTM Committee on Technical Committee Operations from 2012 to 2014, is also a member of the committees on quality and statistics (E11), primary barrier packaging (F02), and medical and surgical materials and devices (F04).

With over 20 years of experience in sterilization of medical devices, Logar is an industry recognized expert in gamma, electron beam, and X-ray sterilization, including radiation processing, radiation dosimetry, and process validation. His current responsibilities include supporting aseptic processing and terminal sterilization activities across the three sectors of Johnson & Johnson, and oversight for the company's sterility assurance research and development center.

Logar began his career as a quality assurance manager at SteriGenics in 1996; he then was a senior technical manager and a director of radiation dosimetry for SteriGenics International. In 2008, he became manager and then associate director of research and development for sterilization, science, and technology at Ethicon Inc., a Johnson & Johnson company. He assumed his current role in 2013.

Logar holds a bachelor's degree in mathematics from Rowan University.

Board Vice Chair
2020-2021

Cesar A. Constantino, Ph.D., is director of business development for Separation Technologies LLC, a Titan America business (Deerfield Beach, Florida). Separation Technologies is the leading producer of processed fly ash for use in cement and concrete construction in the United States.

An ASTM International member since 2005, Constantino is an active participant on several committees, including cement (C01), concrete and concrete aggregates (C09), and sustainability (E60). In addition, he has contributed to the ASTM International Memorandum of Understanding program throughout Latin America. Constantino participates as a liaison between ASTM International and academia, industry trade associations and building code-related institutes, and other standard development organizations. He is also the liaison for the World Bank Global Facility for Disaster Reduction and Recovery, addressing how ASTM International standards, networks, and programs can assist in enhancing resilience and sustainability for construction and infrastructure in low- and middle-income countries.

Before joining the Titan America staff, Constantino worked as a researcher and a consultant both in Panama and the United States. In 2005, he joined Titan America's Florida business as manager of technical services. His broad knowledge and expertise in the field led him to serve as director of concrete technology, director of process quality, and then vice president of corporate engineering for Titan America before assuming his current position.

Constantino holds a bachelor's degree in civil engineering, a master's degree in structural engineering, and a doctorate degree in construction materials from the University of Texas at Austin.

Board Vice Chair 2021-2022

William A. Ells is vice president of sales at Vibram USA (North Brookfield, Massachusetts), a manufacturer of footwear and soles for outdoor, recreational, work, and fashion boots and shoes.

Ells joined ASTM International and its pedestrian/walkway safety and footwear committee (F13) in 1998. He is currently a member of the F13 executive committee and has also served as its vice chair and as a subcommittee officer. In 2013, the committee honored Ells with the Award of Merit for his service and commitment to safety standards for footwear. He has also received a Service Award and Outstanding Leadership Award for his term on the Committee on Standards.

Involved in the design, development, and production of footwear and sole materials for military, industrial, and outdoor use, Ells has been with Vibram since 2010. He previously worked in sales at American Biltrite Inc. and Quabaug Corp.

In addition to ASTM International, Ells is a member of the board of the American Apparel and Footwear Association. He is also a member of the Canadian Standards Association and serves as the secretary of the U.S. Department of Defense footwear technical committee.

Finance and Audit Committee Chair

Bill Griese is director of standards development and sustainability initiatives for the Tile Council of North America (Anderson, South Carolina), an international trade association involved with standards development, product testing, and research, and representing North American ceramic tile and allied product manufacturers in regulatory, legislative, trade, and environmental matters.

Griese joined ASTM International in 2007 and served three consecutive terms as chair of the committee on ceramic whitewares and related products (C21). He also has been chair of the ASTM Committee on Technical Committee Operations. Currently, he serves as chair of the ceramic tile subcommittee (C21.06), and he is also a member of the committees on sustainability (E60) and manufactured masonry units (C15). In 2013, he received the J.A. Thomas President's Leadership Award for his contributions on behalf of C21. In 2018, Griese received the Award of Merit from C21.

Griese, who regularly conducts seminars and contributes articles to industry publications, is a LEED (Leadership in Energy and Environmental Design) accredited professional. Griese is also involved with the American National Standards Institute (ANSI), the International Organization for Standardization (ISO), and other standards groups, and he is a U.S. delegate to the World Ceramic Tiles Forum.

After earning a bachelor of science in ceramic and materials engineering from Clemson University, Griese joined the Tile Council as a laboratory engineer. He began working on industry standards in 2007 and assumed his current role in 2015.

Directors 2019-2021

Amer Bin Ahmed is managing director of Knauf Middle East and India, a multinational building materials manufacturer based in Germany. In addition to manufacturing building materials and related products, Knauf aims to promote sustainability and energy conservation in the construction industry. Bin Ahmed is responsible for building a large-scale sustainable business operation for Knauf in the Middle East and India.

With more than 20 years of experience in the gypsum industry, Bin Ahmed has led business development in the Middle East and Asia for building products companies Boral and Lafarge. He joined Knauf Middle East in 2010.

In his tenure at Knauf, Bin Ahmed's commercial success and commitment to standards has been recognized with a number of awards. He received a CEO of the Year Award from the Future Cities media group in 2016 as well as other recognition from the Dubai Civil Defense and the Dubai Municipality. Through Bin Ahmed's commitment to sustainability on behalf of Knauf and the United Arab Emirates, Knauf was honored with the Green Award by the Ministry of Infrastructure in 2018 and the Manufacturer of the Year Award in November 2019.

Under Bin Ahmed's leadership, Knauf UAE has also achieved one of the most coveted manufacturing awards in the region: the "Made in UAE" award. In 2019, Knauf also became the second company in the UAE to receive the "Made in UAE" mark. Owing to his contributions to UAE, Bin Ahmed was honored by being asked to be a board member for the Dubai Quality Group.

Klas M. Boivie, Ph.D., is a senior research scientist in the Production Technology division of SINTEF Manufacturing (Trondheim, Norway). SINTEF is Norway's national research organization, offering contract research and development for the private and public sectors in diverse fields. With special responsibility for additive manufacturing technologies, Boivie conducts research in additive manufacturing process development and industrial integration of additive manufacturing technology.

An ASTM International member since 2009, Boivie works on the additive manufacturing technologies committee (F42), where he is chair of the terminology subcommittee (F42.91) and serves a member-at-large on the executive subcommittee.

Boivie is also involved with additive manufacturing committees of the Swedish Standards Institute, the European Committee for Standardization, and the International Organization for Standardization (ISO).

Boivie has written or co-authored numerous technical papers, serves as reviewer for international research journals, and speaks on topics related to his field. He has been with SINTEF since 2007.

Boivie holds a master's degree in metallurgy and materials science and a doctorate in additive manufacturing technology, both from the Royal Institute of Technology in Stockholm, Sweden. He also completed postdoctoral studies in additive manufacturing at the Norwegian University of Science and Technology.

Gregory J. Bowles serves as head of government affairs for Joby Aviation (Washington, D.C.), an American aerospace company that is developing and commercializing piloted all-electric vertical takeoff and landing aircraft to enable the safe deployment of fast, quiet, and affordable air taxi services. Bowles engages key policy makers and champions new aviation standards to advance the introduction of a new generation of local air transportation.

An ASTM International member since 2007, Bowles was the founding chair of the general aviation aircraft committee (F44), which has five technical subcommittees that oversee more than 30 standards. The committee addresses issues related to design and construction, systems and performance, quality acceptance, and safety monitoring. In addition, he works on the committees on light sport aircraft (F37), unmanned aircraft systems (F38), aircraft systems (F39), and aerospace personnel (F46).

Bowles joined Joby Aviation in 2018. He previously served as vice president for global innovation and policy at the General Aviation Manufacturers Association (GAMA). His career also includes design certification and engineering at Keystone Helicopter (now part of Sikorsky) and at the Cessna Aircraft Co. (now part of Textron Aviation).

Bowles earned a bachelor's degree in aerospace engineering from Embry-Riddle Aeronautical University and a master's in business administration from Webster University. He is an active commercial pilot and an elected fellow with the Royal Aeronautical Society.

Scott Fenwick is technical director at the National Biodiesel Board (NBB) (Jefferson City, Missouri), where he advances member services for technical and quality assurance support, particularly with regard to information needed by biodiesel stakeholders. The NBB is the U.S. trade association that represents biodiesel, renewable diesel, and renewable aviation fuels and promotes growth of these sustainable fuels.

An ASTM International member since 2001, Fenwick has been chair of the committee on petroleum products, liquid fuels, and lubricants (D02) since 2018. He has been recognized by the committee with an Award of Excellence in 2019 and an Award of Appreciation in 2016. Fenwick also serves on the Committee on Technical Committee Operations, and he is a member of several other ASTM committees, including environmental assessment, risk management, and corrective action (E50), and industrial biotechnology (E62).

Outside ASTM International, Fenwick is a member of gasoline and middle distillates working groups at the Canadian General Standards Board, and he is the U.S. Technical Advisory Group head of delegation for two petroleum groups in the International Organization for Standardization (ISO).

Fenwick has been in his NBB role since 2013, having previously managed several fuel testing laboratories. In the fuel inspection industry for nearly 25 years, his experience includes his work as technical business manager for biofuels at Inspectorate as well as positions at Archer Daniels Midland and Intertek. Fenwick attended Purdue University.

David W. Parsonage is vice president at American Geosciences Inc. (Murrysville, Pennsylvania). American Geosciences offers environmental consulting services, including site assessments, remediation, and regulatory compliance. In his position, Parsonage directs technical operations, develops environmental service areas, ensures quality and client satisfaction, and manages technical professionals.

Parsonage currently serves as chair of the ASTM International environmental assessment, risk management, and corrective action committee (E50). He has served in other committee and subcommittee officer roles, including as first vice chair of the committee. Parsonage became involved with the group in 2003 and received an Award of Appreciation in 2009. He also completed a term on the Committee on Standards.

With American Geosciences since 1997, Parsonage had previously been a lead engineer/project manager with Fluor Daniel GTI and an engineer with Chester Environmental (formerly Keystone Environmental Resources).

Parsonage holds bachelor's and master's degrees in forest resources from the Pennsylvania State University. While earning his degrees, Parsonage also taught forestry in the school's wildlife technology program and held positions as a graduate research assistant, and forest inventory supervisor and technician.

Rina Singh, Ph.D., serves as executive vice president of public policy at the trade association, Alternative Fuels & Chemicals Coalition (AFCC) (Washington, D.C). AFCC advocates for public policies to promote the development and production of alternative fuels, renewable chemicals, biobased products, and sustainable aviation fuels.

Before joining AFCC in 2019, Singh served as the managing director of policy, science, and renewable chemicals in the industrial and environmental section at the Biotechnology Innovation Organization. She also served with Ashland, working in general management positions in technology and business development, including bioproducts business development and platform technology manager. She was appointed to a team to develop a new strategic direction for Ashland. Before Ashland, Singh was at Dow Chemical, where she started her career and was a senior research chemist in the engineering thermoplastics group. She holds a number of patents and has written several technical publications.

Singh earned her bachelor's degree in honors chemistry and her doctorate in natural products (synthetic organic chemistry) from McGill University, where she also completed a post-doctoral degree in polymer science.

Directors 2020-2022

Francine S. Bovard is a senior technical specialist with Arconic (New Kensington, Pennsylvania). Arconic engineers and manufactures aluminum products used for diverse applications worldwide.

An ASTM International member since 2013, Bovard is a member of the committees on light metals and alloys (B07), fatigue and fracture (E08), additive manufacturing technologies (F42), corrosion of metals (G01), and the joint ASTM/NACE committee on corrosion. Her committee leadership includes her current role as chair of the subcommittee on laboratory corrosion testing (G01.05) as well as former roles as recording secretary of B07, chair of its aluminum alloy wrought products subcommittee (B07.03), and secretary of two additional B07 subcommittees. In 2016, Bovard received the Francis L. LaQue Memorial Award from G01.

Bovard has been with Arconic for 30 years. Previously, she was a technical specialist with Alcoa and a technician with Sandia National Laboratory.

Outside ASTM International, Bovard has also been a member of SAE International and the Aluminum Association, where she previously served as chair of the Technical Committee on Products and Standards. She holds a master's degree in material science and a bachelor's degree in chemistry from the University of Pittsburgh, and an associate's degree in metallurgy from the Pennsylvania State University.

Michael J. Brisson is a technical adviser at the Savannah River National Laboratory (Aiken, South Carolina). The lab, an applied science facility and a national laboratory for the U.S. Department of Energy, focuses on environmental management, national and homeland security, and energy security.

An ASTM International member since 2005, Brisson is a vice chair of the air quality (D22) and nuclear fuel cycle (C26) committees, and chair of subcommittees on methods of test (C26.05) and quality assurance, statistical applications, and reference materials (C26.08). He is also a member of the committees on metal powders and metal powder products (B09), soil and rock (D18), water (D19), analytical chemistry for metals, ores, and related materials (E01), performance of buildings (E06), nuclear technology and applications (E10), quality and statistics (E11), and homeland security applications (E54). Brisson has been honored with the Award of Merit from D22, the D22 Moyer D. Thomas Award, C26's Harlan J. Anderson Award, C26 Awards of Achievement, D22 and C26 Awards of Appreciation, and D18's Richard S. Ladd Standards Development Award. He also received the ASTM Committee on Publications 2019 Award for Excellence in Symposium and Publication Management.

Outside ASTM International, Brisson is a member of the American Industrial Hygiene Association and the Project Management Institute. He has a bachelor's degree in chemistry from the College of Charleston and a master's degree in hazardous waste management from the National Technological University.

Bonnie McWade-Furtado is an associate research and development scientist at Cabot Corporation (Billerica, Massachusetts), a global specialty chemicals and performance materials company.

Currently vice chair of the carbon black committee (D24), McWade-Furtado is also chair of the subcommittee on carbon black microscopy and morphology (D24.81). In addition, she is a member of the committees on recovered carbon black (rCB) (D36) and plastic piping systems (F17). She has been an ASTM International member since 2003.

McWade-Furtado has been with Cabot Corporation since 1993 when she joined as a research associate. In 2000 she assumed her current role.

McWade-Furtado holds a bachelor's degree in biotechnology from Northeastern University.

Carol Pollack-Nelson, Ph.D., is the owner of Independent Safety Consulting LLC (Rockville, Maryland), and a human factors psychologist specializing in consumer product safety. She provides guidance to stakeholders on a wide range of product safety issues, including foreseeable use and anticipated hazards.

Pollack-Nelson, an ASTM International member since 1992, is vice chair of new projects for the consumer products committee (F15) and vice chair of its executive subcommittee. She is also a member of numerous F15 subcommittees, including liquid laundry packets (F15.71), toy safety (F15.22), and weighted products (F15.74). In 2006, Pollack-Nelson received the F15 Consumer Award.

Pollack-Nelson serves on various boards and committees related to product design and safety, including the Human Factors and Ergonomics Society. In 2011, she received the society's A.R. Lauer Safety Award recognizing her contributions to consumer safety, specifically through her work in voluntary standards. She is also a past president of the International Consumer Product Health and Safety Organization, which honored her with the Ross Koeser Achievement Award in 2018.

Prior to working as a consultant, Pollack-Nelson had been a senior engineering psychologist at the U.S. Consumer Product Safety Commission (CPSC) from 1988 to 1993. In 2013, she was awarded the CPSC Chairman's Circle of Commendation for her work in product safety and voluntary standards. Pollack-Nelson has a bachelor's degree in psychology and a doctorate degree in industrial/organizational psychology from George Washington University.

Casandra W. Robinson is a physical scientist at the U.S. National Institute of Standards and Technology (NIST) (Gaithersburg, Maryland). She is responsible for leading the development of documentary standards and coordinating with other federal agencies, industry, and relevant stakeholders in the development of standards and conformity assessment systems.

An ASTM International Award of Merit honoree, Robinson became a member in 2006. She is vice chair of the homeland security applications committee (E54) and vice chair of three E54 subcommittees. In addition, she is a member of the committees on textiles (D13), leather (D31), pedestrian/walkway safety and footwear (F13), and personal protective clothing and equipment (F23). She was also recognized with the E54 Award of Appreciation in 2013.

Prior to joining NIST in 2012, Robinson was a program manager with the U.S. Department of Energy Savannah River National Laboratory. She previously assisted the National Institute of Justice with development of performance standards and conformity assessment systems for public safety equipment.

Robinson has a bachelor's degree in electrical engineering from Clemson University and a master's degree in industrial and systems engineering from the University of Alabama. In addition to ASTM International, she is the federal co-chair for the Homeland Defense and Security Standardization Collaborative and the Standards Coordination SubGroup, part of the InterAgency Board for Emergency Preparedness and Response.

Dalia Yarom is the director of the Standardization Division at the Standards Institution of Israel (SII) (Tel Aviv, Israel). SII is a nongovernmental organization and the country's official body for preparing and publishing Israeli standards. SII also focuses on product quality and provides testing, certification, and training.

In her previous role, Yarom was the head of the SII Chemistry, Health, and Environment Laboratory, which tests various consumer products according to national and international standards. She managed the laboratory from 2010 to 2017. Yarom's experience in standardization stretches further: she has 29 years of experience in different related positions.

As part of her work, Yarom represents SII in several international organizations as well as in various committees of the Israeli Parliament. She was also the chair of the International Convention on the Control and Marking of Articles of Precious Metals, a treaty that facilitates cross-border trade, from 2016 to 2019.

Yarom has a bachelor's degree from Shenkar College of Engineering, a master's degree in chemistry from Hebrew University, and a master's degree in business administration from Technion Israel Institute of Technology.

Directors 2021-2023

Linda Freeman is industry manager, entertainment/amusement, at Rockwell Automation, a global provider of industrial automation and information technology products and services.

A member-at-large on the executive subcommittee of the committee on amusement rides and devices (F24), Freeman works on several subcommittees and helps lead the F24 student initiative to bring on the next generation of committee members. She has been an ASTM International member since 2010. Outside ASTM International, Freeman is a life member of the Society of Women Engineers (SWE), where she is a frequent speaker at conferences, serves on SWE committees, and is an award recipient. She also participates on the board of AIMS International and as a member of the security committee at IAAPA, the Global Association for the Attractions Industry.

Freeman has 24+ years of experience at Rockwell Automation, which she joined in 1996 as a sales engineer. Over her career she has worked in multiple manufacturing industries and in other industries such as on-board marine applications and NASA space launch programs. In 2018, she was selected as an Influential Women in Manufacturing awardee by Putman Media. Working with amusement industry clients since 2000, Freeman moved to an industry role in 2016 to support entertainment market segments. She is involved in the life cycle of attractions from design and startup to maintenance and retrofits, focusing on safety solutions.

Freeman has a bachelor's degree in electrical engineering from the Georgia Institute of Technology. She is certified by TÜV Rheinland as a Functional Safety Engineer and a Cybersecurity Specialist.

Timothy J. Morris is vice president of manufacturing at ML Products LLC (Noble, Oklahoma). A manufacturer of elastomeric dipped medical products, ML Products LLC is an affiliate of Medline Industries Inc., which makes and distributes medical supplies.

An ASTM International member since 1994, Morris is chair of the rubber and rubber-like materials committee (D11) and a member of the personal protective clothing and equipment committee (F23). He has also served as chair of the rubber products subcommittee. Morris received a Service Award from the Committee on Standards and the D11 Distinguished Service Award (2019).

Professionally, Morris has been with ML Products LLC, and its predecessor company Morris Latex Products, since becoming general manager in 1986. In 1991, he became executive vice president of the company, and president in 2004.

In 2008, Morris assisted in the sale and transition of businesses ML Products LLC, MMS LLC, and Avion Medical in Poland to Medline Sooner Acquisitions LLC. Morris was retained by the new ownership to continue to manage and oversee the Noble, Oklahoma, facility as the vice president of manufacturing.

Morris holds a bachelor's degree from the University of Central Oklahoma and an associate's degree in business technology from Rose State College. Outside ASTM International, he is a member of the Association for the Advancement of Medical Instrumentation and the International Organization for Standardization (ISO) and its rubber committee.

Elise Owen is the standards executive at the U.S. Environmental Protection Agency (EPA) (Washington, D.C.), a federal government agency whose mission is to protect human health and the environment. In this position, she facilitates the implementation of the National Technology Transfer and Advancement Act and related policies, which direct U.S. federal agencies to use voluntary consensus standards, participate in their development, and coordinate certification, testing, and related activities with those of the private sector to avoid unnecessary duplication and complexity.

Owen joined ASTM International in 2020. In her current position since 2015, she previously had been associate vice president of global strategy and analysis of AdvaMed from 2013 to 2015 and director of international development for the American National Standards Institute from 2006 to 2013. She also worked as an international trade specialist for the U.S. Department of Commerce from 2004 to 2006, specializing in standards and technical barriers to trade.

Owen was awarded a Project Management Professional certification in 2012. She is also certified by the Defense Language Institute Foreign Language Center as a Chinese and Japanese linguist. She holds a bachelor's degree from Regent's College (now Excelsior College), part of the State University of New York, and an MBA degree from the University of Hawaii.

Christopher R. Reid, Ph.D., is an associate technical fellow in human factors and ergonomics in Boeing's Environment, Health, and Safety organization (North Charleston, South Carolina). This organization in the aerospace corporation focuses on corporate strategy in health, safety, and environmental areas, including standards.

An ASTM International member since 2017, Reid is a member of the Exo Technology Center of Excellence (ET CoE) Research and Development board, additive manufacturing technologies committee (F42), and exoskeletons and exosuits committee (F48). He is also the chair of the subcommittee on human factors and ergonomics and a member of several other F48 subcommittees.

Reid is also project manager for Boeing's exoskeleton technology assessment and integration. In 2018, he was a visiting scholar in integrated systems engineering at The Ohio State University to work on behalf of Boeing and ASTM ET CoE partners on exoskeleton technology feasibility.

President-elect of the Human Factors and Ergonomics Society and delegate member adviser to the National Safety Council board of directors, Reid is also a member of other professional and honorary societies. He has received several awards, including Black Engineer of the Year for 2020 in Outstanding Technical Contributions in Industry and the Rising Star Award from the National Safety Council in 2018. Reid earned his doctoral and master's degrees in industrial engineering and his bachelor's degree in electrical engineering technology from the University of Central Florida.

Julia Schimmelpenningh is the architectural applications technical manager at Eastman Chemical Company (Springfield, Massachusetts), a global specialty material and chemical company.

An ASTM member since 1992, Schimmelpenningh currently serves as chair of the committee on performance of buildings (E06). She has also been chair of the committee on security systems and equipment (F12). Schimmelpenningh received the Award of Merit in 2016 from F12 for her leadership, service, and technical expertise, and the F12 Outgoing Chair Award in 2018. She also received the Award of Appreciation in 2011 for her service to E06 and a Service Award in 2019 for her term on the Committee on Standards.

Before joining Eastman Chemical Company in 1988, she held positions as technical applications manager at Solutia Inc., and as a marketing and technical service research engineer with Monsanto Chemical Co. In addition, she served as president of the Glass Association of North America in 2005.

Schimmelpenningh holds a bachelor's degree in biology from Emmanuel College.

Brian P. Shiels is senior PPE engineer at ArcWear (Louisville, Kentucky), which offers arc, flame, and thermal testing and certification. In his position, he has client and project management responsibilities, oversees the firm's quality system, and works on the firm's flash-fire testing capabilities.

Shiels, who joined ASTM International in 2008, currently serves as chair of the Committee on Standards. He is also vice chair of the committee on personal protective clothing and equipment (F23) and chair of its flame and thermal subcommittee (F23.80). In addition, Shiels is vice chair, product manufacturing practices, of the committee on textiles (D13) and a member of the committees on homeland security applications (E54) and electrical protective equipment for workers (F18). For his ASTM contributions, he has received Awards of Appreciation, Service Awards, and an Award of Excellence.

Before assuming his current role at ArcWear in 2019, Shiels was director of quality assurance (2018-2019) and senior development engineer and group leader (2008-2018) at PBI Performance Products. He holds a number of U.S. patents and has edited two volumes of ASTM International's Selected Technical Papers.

Shiels holds a master's degree in textile chemistry from North Carolina State University and a bachelor's degree in chemistry from the University of South Carolina. In addition to ASTM International, he is a member of the National Fire Protection Association and the American Association of Textile Chemists and Colorists.

2021-2022 Past Chair

Andrew G. Kireta Jr. is vice president, market development, at the Copper Development Association (CDA) (McLean, Virginia), a not-for-profit trade association that serves as the world's foremost resource on copper and copper alloy applications. CDA brings the value of copper and its alloys to society to address the challenges of today and tomorrow.

An ASTM International member since 1998, Kireta works primarily on the copper and copper alloys committee (B05) and its subcommittees. A 2016 Award of Merit recipient, he was also recognized by the B05 committee with the Copper Club Award and the Arthur Cohen Memorial Distinguished Service Award for his contributions. He previously served as the committee's membership secretary and is the current chair of its awards subcommittee (B05.92). Kireta has been a member of the board since 2014, serving as chair of the finance and audit committee, vice chair, and chair of the board. He also previously served as vice chair and chair of the board of SEI International. Kireta is also active on the committees on pesticides, antimicrobials, and alternative control agents (E35), additive manufacturing technologies (F42), and fire standards (E05).

Kireta joined CDA in 1992 as Midwest regional manager and held management positions for tube, pipe and fittings, and architectural applications, before becoming vice president, building construction, in 2008. He assumed his current role in 2010. As CDA vice president, Kireta leads a staff team in developing and enacting strategic market, regulatory, education, and research programs across the breadth of copper and copper alloy application areas, including piping, architectural, and electrical building construction systems; industrial products; sustainable energy applications; electric vehicles and systems; antimicrobial touch surfaces; and others.

Kireta holds a bachelor's degree in mechanical engineering from Purdue University.

2020-2021 Past Chair

Taco van der Maten is marketing segment manager at MalvernPanalytical (Almelo, the Netherlands). In this position, he is responsible for the global polymer, oils, fuels, petrochemicals, and environmental markets at MalvernPanalytical, a worldwide supplier of analytical instrumentation and software for particle size distribution analysis, X-ray diffraction, X-ray fluorescence spectrometry, near infrared spectroscopy, cross-belt analyzers based on neutron activation technology, and sample preparation equipment for several analytical techniques. He also serves as a board member of the TI-COAST-foundation, which executes the analytical science and technology agenda for the Dutch Chemistry Council.

An ASTM International member since 2006, van der Maten is chair of the declarable substances in materials committee (F40), which develops standards for the evaluation of materials and products for RoHS (Restriction of Hazardous Substances Directive) and for recycling and use of hazardous substances in electrical and electronic equipment (REACH, Registration, Evaluation, Authorization, and Restriction of Chemicals) and similar requirements, and rare earth materials. He is also a member of the committees on petroleum products, liquid fuels, and lubricants (D02), plastics (D20), and catalysts (D32).

In 1985, the year he graduated from the Dr. Ir. W.L. Ghijsen Institute in Utrecht with a degree in analytical chemistry, van der Maten became a research chemist for Heineken. He then worked as research chemist, service delivery manager, and business development manager at Royal DSM N.V. in Sittard-Geleen, The Netherlands, before joining the MalvernPanalytical staff in 2006.

President

Katharine E. Morgan is president of ASTM International, one of the world's largest organizations for the development of international voluntary consensus standards. With three decades of experience in increasingly strategic and managerial roles at ASTM, Morgan is a respected leader in the global standards community.

After earning her bachelor's degree in chemical engineering from Lafayette College, Morgan began her career at ASTM supervising the standards development work of several technical committees. In 1990, she rose to become a director, overseeing several managers and their respective committees.

Morgan was named general manager of the technical committee support department in 2001. In this role, she oversaw several areas, including symposia, workshops, international activities, committee services, meeting services, and contract management services.

In 2007, Morgan was appointed vice president of Technical Committee Operations. In this position, she directed a 50-member team, leading efforts to create, track, evaluate, and adjust strategic business plans for each of the division's units. In addition, as part of ASTM's senior leadership team, Morgan helped guide ASTM's overall policies, finances, and partnerships. She assumed the presidency in 2017.

Morgan is vice chairman of the National Institute for Building Sciences' Consultative Council, a member of the American National Standards Institute's board of directors, and a member of the Council of Engineering and Scientific Society Executives, the International Consumer Product Health and Safety Organization, the Society for Standards Professionals (SES), and the American Society of Association Executives.

Morgan holds a master's degree in business administration from Widener University in Chester, Pennsylvania. Her Twitter handle is @astmpres.

2021 Executive Committee

Scope

When the board of directors is not in session, the Executive Committee shall exercise all of the general powers of the board of directors except the power to fill vacancies in the board and amend the ASTM Board Procedures. The Executive Committee shall keep minutes of its proceedings, which shall be promptly reported to each member of the board of directors (ASTM Bylaws 4.1.2).

Members

John R. Logar, Chair
Cesar A. Constantino
William A. Ells
Bill Griese
Andrew G. Kireta Jr.
Taco van der Maten

Staff Secretary

Katharine E. Morgan

2021 Finance and Audit Committee

Scope

The Finance and Audit Committee is responsible for the supervision of ASTM financial operations as set forth in the *Rules Governing the Conduct of ASTM Finances* and resolutions pertaining to financial matters as may be adopted by the ASTM board of directors and for recommendations to the board on matters of financial policy. The committee is also responsible for monitoring the employee benefits and salary administration programs and for making recommendations to the board of directors for such modifications as may be necessary.

Members

Bill Griese, Chair
Cesar A. Constantino
William A. Ells
Andrew G. Kireta Jr.
John R. Logar
Taco van der Maten

Member Ex Officio

Katharine E. Morgan

Staff Secretary

Heidi Turley

2021 Committee on Standards

Scope

The Committee on Standards (COS) is responsible for the review and approval of technical committee recommendations for actions on standards. COS verifies that the procedural requirements of the society's regulations and its criteria for due process have been satisfied. The committee acts to resolve jurisdictional disputes with respect to standards. COS develops, maintains, and interprets the *Form and Style for ASTM Standards* manual and reviews all requests from technical committees for exceptions to the manual.

Members

Philip Line, Chair
John Hadjioannou
Timothy Haley
Thomas M. Nolan
Ryan Pelter
Trey G. McCants
Nicholas Lang
Margaret Farabaugh
Ryan Siskey

Members Ex Officio

John R. Logar
Richard Rosati

Staff Secretary

Kate Chalfin

2021 Committee on Technical Committee Operations

Scope

The Committee on Technical Committee Operations (COTCO) develops and maintains the *Regulations Governing ASTM Technical Committees* and acts on recommended changes. COTCO is responsible for the interpretation and enforcement of these regulations, excluding actions on standards and provisional standards. The committee acts to resolve jurisdictional disputes with respect to the technical committee scopes. It develops and recommends means for achieving the most efficient operation of technical committees and is concerned with the scope, structure, operation, development, and planning of these technical committees.

Members

Richard Rosati, Chair
Mark Blanks
Amy Brackin
Darla Goeres
Lindsey Hamill
Michael Nagle
Donivan Porterfield
Damian Wach
Joseph Sinicrope

Members Ex Officio

John R. Logar
Philip Line

Staff Secretary

Stephen Mawn

2021 Committee on Publications

Scope

The Committee on Publications (COP) advises the board of directors on the formulation of publication policy. The committee is responsible for the publications program of the society, except the acceptance for publication of ASTM standards. COP administers the society publications program and may, with the concurrence of the board, initiate, continue, expand, or terminate periodicals, journals, series, or other continuing publications with the exception of the *Annual Book of ASTM Standards*.

Members

William J. Likos, Chair
Jay Bhatt
K. Russell DePriest
John E. Haddock
Yinlun Huang
Jason H. Ideker
Ibironke Lawal
Michael R. Mitchell
Richard W. Neu
Majdi A. Othman
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