

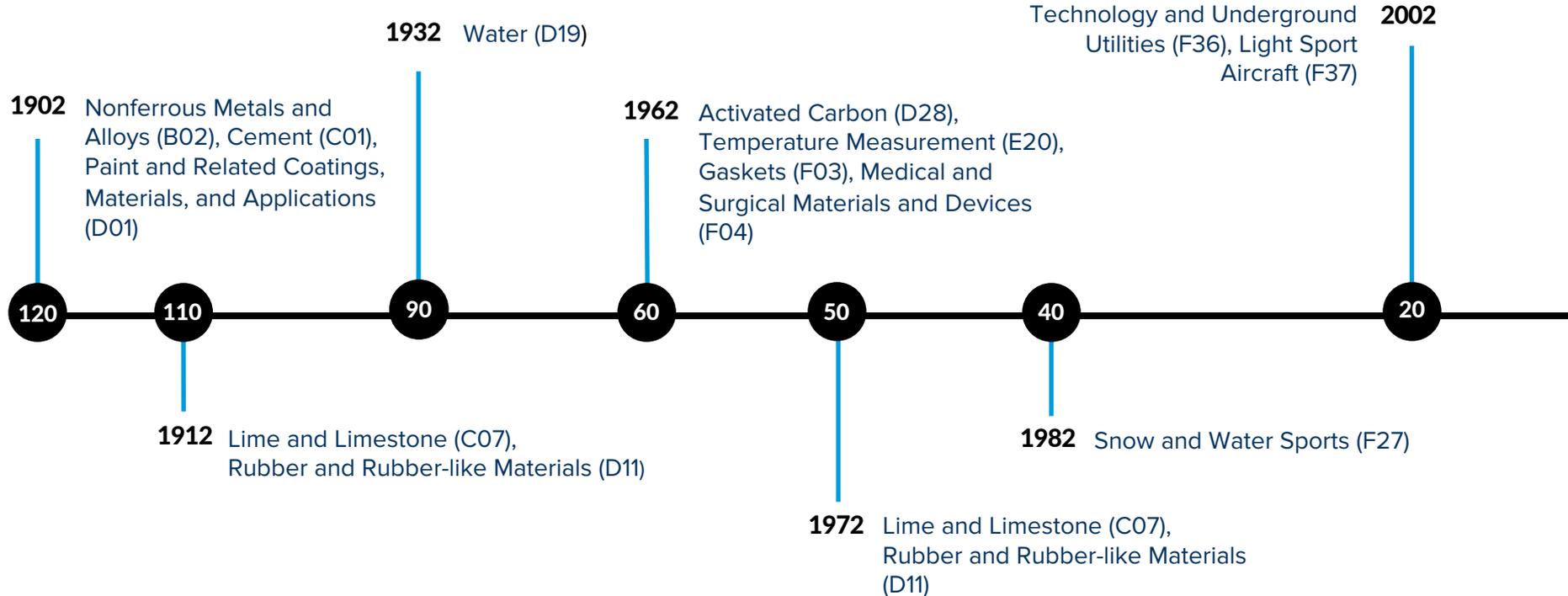
The background of the entire page is a dark blue gradient. On the left side, there is a large, semi-transparent image of the Space Needle tower in Seattle, showing its iconic circular observation deck and the lattice structure of the tower's legs.

# **ASTM** ANNUAL BUSINESS MEETING

MAY 17, 2022 • SEATTLE, WASHINGTON, USA



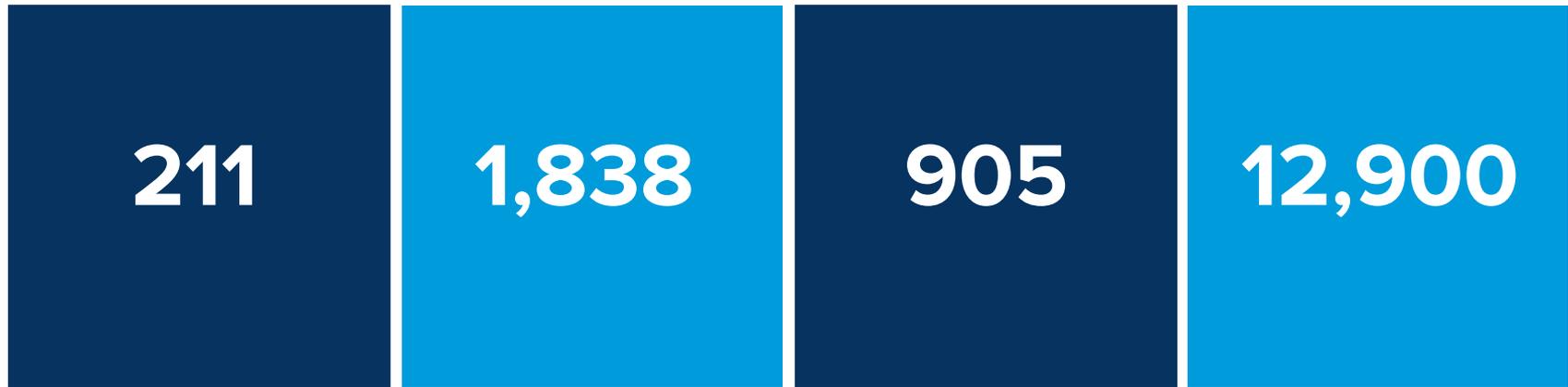
# COMMITTEE ANNIVERSARIES 2022





# STANDARDS DEVELOPMENT

IN 2021



**NEW  
STANDARDS**

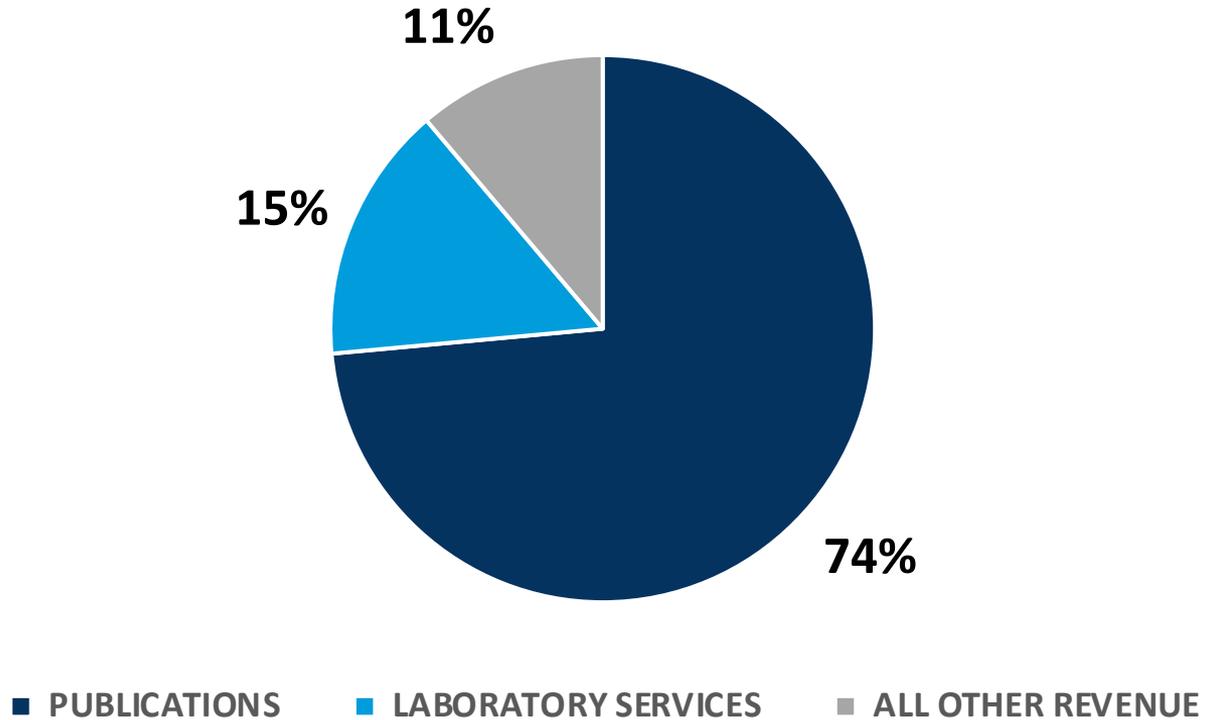
**REVISED  
STANDARDS**

**REAPPROVED  
STANDARDS**

**ACTIVE  
STANDARDS**



# ASTM REVENUE





# 2021 ANNUAL REPORT

ASTM INTERNATIONAL  
Pushing our world work better

**INTERCONNECTED**  
2021 ANNUAL REPORT

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## Health and Safety

**Barrier Face Coverings**  
A new standard from ASTM International's personal protective clothing and equipment committee (P2) will help establish minimum design, performance, labeling, and care requirements for reusable barrier face coverings. The standard (F3952) applies to the general public and workers. It will establish requirements for barrier face coverings, including design and general construction criteria, particle filtration efficiency testing, fit and fit testing criteria, labeling instructions, and guidance on cleaning and recommended periods of use. The new standard was recognized internationally by the World Health Organization (WHO).

**PPE White Paper**  
ASTM published a technical white paper titled "Collaboration to Advance Personal Protective Equipment (PPE): Safety, Quality and Innovation." The paper identifies the current landscape of standards development for PPE, including a summary of a recent workshop on best practices for developing standards, challenges facing PPE quality and availability, and challenges facing standards development.

**Global Collaboration Forum**  
As part of these efforts, ASTM launched a Global Collaboration Forum for Personal Protective Equipment (PPE) to address challenges facing PPE and accelerating standards development. In doing so, the forum is a collaborative effort to identify and set critical needs.

ASTM International

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## ASTM Welcomes OECD Report

ASTM International welcomed the publication of a report by the Organization for Economic Co-operation and Development (OECD) on the safety, health, and benefits of ASTM's high-impact independent process for developing global standards.

The 16-page OECD report cites ASTM's "unique membership structure," "open participation," and "robust and representative decision-making processes" as factors that enable ASTM to set the leading standards in fast-moving markets such as automation, manufacturing, 3D printing, and technology innovation. This is true for ASTM's trade as well as environmental and consumer protection.

**Virtual Asia Pacific Economic Cooperation Program**  
ASTM engaged and guests joined to two virtual Asia Pacific Economic Cooperation (APEC) events in 2021. The first program gave participants the opportunity to learn about the role of standards in international manufacturing of personal protective equipment (PPE) and respiratory gear (RPE) under "One World" participation from 13 APEC economies joined the conference over two days.

The second program focused on the implementation of connected aircraft systems (CAS) on routes and related standards and policies. More than 160 participants from 18 nations attended the two-day program.

**The Case of ASTM International**

OECD

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## Next Generation

**Graduate Scholarships**  
ASTM International awards more than 1,000 student members and offers several scholarships and grant opportunities each year. In 2021, five \$6,000 scholarships were awarded to the following deserving students.

**Patrick Carrigan** is a doctoral candidate at Auburn University studying mechanical engineering. He is an active contributor to the additive manufacturing committee (F42) through the Auburn National Center for Additive Manufacturing Excellence and will complete his PhD in 2023.

**Lauren Latta** is a student member working towards her master's degree in environmental engineering at the University of Wisconsin-Dane County. She will begin a doctoral program at the University of California-Davis this fall. She will continue her research using sensor and data collection (E76) standards as well as her focus on about 200 standards to better graduate and undergraduate students.

**Alex Thomas** is a student member working towards her master's degree at the University of Wisconsin-Dane County. She is a current member of the committee on next, matured steel, and related alloys (N02) and waste management (E24), with the current chair of the E24 sub-committee on treatment, recovery and reuse.

**Owen Walsh** is a student member of the sports equipment, diving, scuba, and facilities committee (F10). He is a current member of ASTM International's standards, particularly safety. He is currently pursuing his master's degree in biomedical physiology and kinesiology at Simon Fraser University.

AVAILABLE NOW: [go.astm.org/annual-report](https://go.astm.org/annual-report)



**Leadership**



**Global Technical Expertise**



**Standards and Technical  
Content Development**



**Service Provider**



**Organizational Vitality**



**FIVE**  
STRATEGIC  
OBJECTIVES

# LEADERSHIP



**Onboarding new ASEAN rep in Singapore**



**Review and revise Canadian strategy**



**Develop strategy for ASTM's interaction with United Nations**



**Engage in strategic outreach programs leveraging OECD Case Study**



**Machine Readable Concepts**



**Create and publish ASTM Innovation Agenda**



**Launch "Xcellerate" campaign**



# GLOBAL TECHNICAL EXPERTISE



**Expansion of University  
Student Chapter Program**



**Continued leadership in PPE through  
Global Collaboration Forum**



**Strengthening Consumer Engagement**



**Growth and operationalization of ASTM's  
robotics, automation, and autonomous  
systems committee**

# STANDARDS &

# TECHNICAL CONTENT DEVELOPMENT



Develop enhancements that will create an overall better member experience (including workflows associated with balloting)



Explore the potential for a new delivery platform for books and journals, STPs, and Technical Reports



Launch a new voting tool that will easily tally votes electronically

# SERVICE PROVIDER



**Test method expansion in proficiency testing (Europe and Latin America)**



**Launch personnel certification programs (petroleum, soil, and asphalt)**



**Research ISO 17024 accreditation for personnel certification program**



**Creation of e-learning interactive videos and simulations  
(construction and petroleum)**



**Development of reference materials webpage**

# ORGANIZATIONAL VITALITY



**3-year financial forecast  
and business priorities**



**Establish framework for mastering  
operational and reference data**



**Assess/implement recommendations  
of IT operations assessment**



**Enhance cyber security protection for  
internal and external ASTM assessments**



**Creation of core values for the  
organization**



**Implement next steps in DE&I journey –  
ERGs, Ambassadors, TCO training**



**Prepare programs for 125th  
Anniversary (2023)**

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**THANK YOU**