



ASTM INTERNATIONAL
Helping our world work better

ASTM Academic Outreach

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ASTM International

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Session Outline



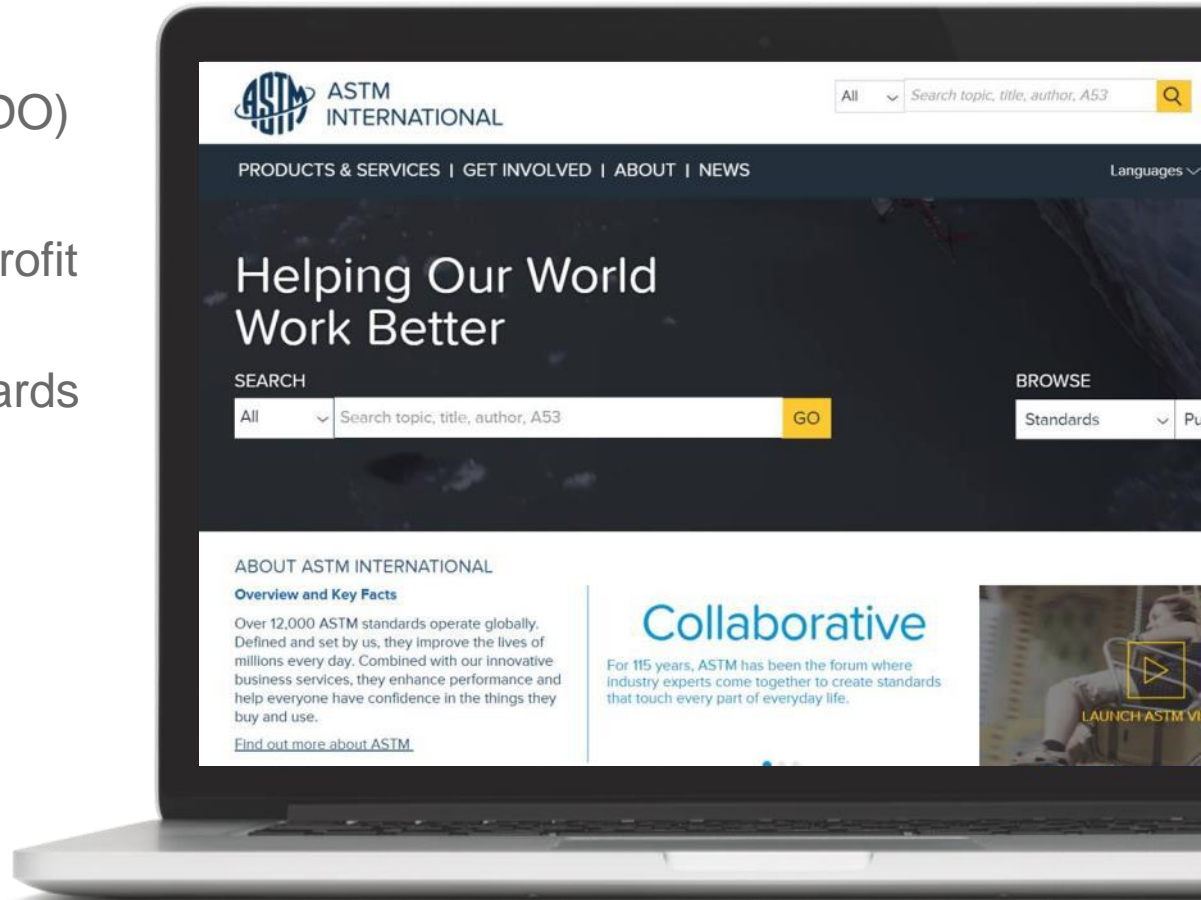
What we will cover today...

- Brief Overview of ASTM International
- Goals and Challenges around Standards Education
- ASTM Academic Outreach Program
 - Student Membership
 - Awards and Opportunities
 - Resources for Professors
- Ways to get Standards on Campus
- ASTM Emerging Professionals Program
- How to get involved

ASTM International Overview



- International Standards Developing Organization (SDO)
- Founded in **1898**
- Non-governmental, not-for-profit organization
- **+12,900** International Standards
- **+30,000** Members
- **+140** Technical Committees
- **90** Industry Sectors



ASTM Academics: Goals and Challenges



Goals

- Promote the use of standards and the participation in standards development
- Prepare graduates and new-hires entering the global workforce
- Succession planning for current members
- Partner with academics to understand their needs inside the classroom
- Turn student & faculty R/D into real-world innovations

Challenges

- Standards touch every area of study
- Difficult to teach in a day or fill an entire semester
- Knowledge transfer from existing members to new members
- Connecting mentors – mentees

ASTM Academic Outreach Origins



Started in 2005

- The modern-day ASTM Academic Outreach program dates to 2005 with the “*Year of the Student*” Campaign
- Followed by the 2009 “*Year of the Professor*” Campaign
- Was designed to bolster ASTM International’s ongoing efforts to expand student knowledge and awareness of technical standards
- Primarily focused on University-level students and educators

Accomplishments to Date

- Over \$350,000 USD in Graduate Scholarships since 2009
- Over \$25,000 in Project Grants Awarded since 2010
- 8 Professor of the Year Awards (Over \$30,000 to Prof and Universities)
- 5,000+ Student Members



Student Membership

- No Cost to Active Students
- Eligibility for Student Awards
- Free Electronic copies of ASTM Magazines and Student Newsletter
- Free Attendance at ASTM Workshops and Symposia
- Discounted Participating Membership Following Graduation

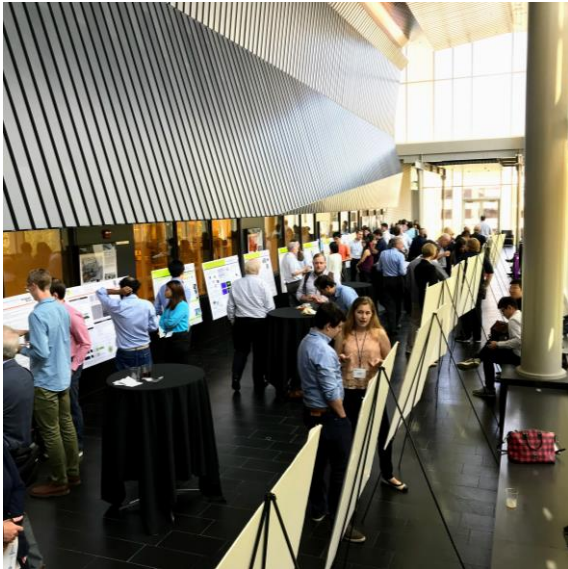
Awards and Opportunities

- \$10,000 Graduate Scholarship: Offered to as many as 4 applicants every April
- \$500 Project Grants: Offered to as many as 5 applicants every October
- Summer Internship Positions within the Washington Internship for Student in Engineer (WISE)
- Committee-specific awards and competitions

Resources for Professors

- Professor Tool Kit
- Campus Visits and Guest Lecture Opportunities
- Access to Standards through ASTM Compass Subscriptions
- \$2,000 Professor of the Year Award (with an additional \$2,000 towards their program)

Ways to get Standards on Campus



Connect with Technical Committees

Multiple ASTM Committees have found success engaging with students and faculty by hosting events on campus, sponsoring awards and competitions, and inviting students to technical meetings



Standards Simulations

Simulation exercises are a great way of showcasing the fundamentals of the standards development process by replicating the experience of a technical committee meeting



Take Advantage of Free Content

ASTM has useful tools for educators to use designed to help get standards into the classroom, like our Professor Tool Kit and ASTM 101 e-Course

ASTM Emerging Professional Program



Program Overview

- Started in 2015 to engage the next generation of technical experts
- Selected EPs receive roundtrip airfare, two-night hotel stay, and participation in the EP Workshop
- Open to additional members who have company support to attend
- Staff and a professional facilitator conduct the workshop with greetings from ASTM President and Board Chair
- EPs subsequently invited to participate in a complimentary Strengthfinder Assessment

Emerging Professionals

- EPs include new members (1-5 years of membership) active or interested in committee leadership roles
- Mentored by Committee Officers
- Networking & Professional Development Workshop for EP's & Mentors
- 180+ Emerging Professionals since beginning representing 80+ ASTM Committees

Contact Information



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Thank you

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