



NATIONAL YOUNG AND EMERGING PROFESSIONALS PROGRAM
A Virtual Soft Launch

Friday, October 29, 2021 | 1:00 PM – 2:30 PM ET

Advance Registration Required for Meeting Link : www.ansi.org/wsweek

WELCOME 1:00 PM TO 1:10 PM Carrie Schmaus U.S. Department of Energy USNC Young and Emerging Professionals (YEP) Committee Chair	
1.1	Welcome
1.2	USNC/IEC: Who We Are & Why What We Do Matters Carrie will introduce the International Electrotechnical Commission (IEC) and the U.S. National Committee of the IEC, touching on why participation in global standards setting can be personally and professionally rewarding.
1.3	Introduction of Keynote Speaker
KEYNOTE & TESTIMONIALS 1:10 PM TO 1:25 PM Jonathan Colby Verdant Power Former USNC YEP and Chair, IEC TC 114, Marine Energy	
2.1	From There to Here: My Professional Journey and Memorable Tips Shared with Me Along the Way Jonathan will recap his professional journey from his time joining the USNC as a Young and Emerging Professional to his current role as chair of an IEC Technical Committee. He will share professional advice—insights of his own and tips that he’s picked up from mentors and other colleagues—with those who are still in the early stages of their work in the standardization and conformity assessment community.

<p>2.2</p>	<p>Video Testimonials: Mentors</p> <p>Carrie will introduce a series of short videos featuring USNC leaders and committee members from industry, government, and standards developing organizations. Hear from these virtual mentors why becoming involved in the USNC/IEC is important and how participation can be an incredible stepping stone in a young professional's career and development as an expert in his/her/their field.</p> <ul style="list-style-type: none"> • Kevin Lippert USNC President; Eaton • Sonya Bird USNC VP-Technical; Underwriters Laboratories • Scott Colburn US IEC Market Strategy Board (MSB) Representative; U.S. Food and Drug Administration • Elaina Finger USNC Communications Committee Chair; Corning
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EVERYTHING YOU WANTED TO KNOW ABOUT USNC/YEP

1:25 PM TO 1:55 PM

Carrie Schmaus

U.S. Department of Energy
Chair, USNC Young and Emerging Professionals (YEP) Committee

Nathan Tom

National Renewable Energy Laboratory
Secretary, USNC Young and Emerging Professionals (YEP) Committee

Samuel Lum

U.S. Food and Drug Administration
Member, USNC Young and Emerging Professionals (YEP) Committee

<p>3.1</p>	<p>About Us</p> <p>Carrie and Nathan will dive a bit deeper into the USNC's YEP program, explaining how it originated; what the formative years were all about (including some of the activities, events and webinars that have been held); and ideas that have been planned for the future. Topics will include goals of the program and best practices.</p> <ul style="list-style-type: none"> • BUILD A WORD CLOUD What does YEP mean to you?
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<p>3.2</p>	<p>You're Invited ... Why We Want You to Be Involved!</p> <p>Samuel will explain how to get involved in the YEP program and some of the resources that are available to support active participation. Next, he will introduce another quick video series featuring current USNC YEP Committee members who explain why they joined and what they are gaining from the experience.</p> <ul style="list-style-type: none"> • Share your thoughts to help the YEP Committee shape its plans
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3.3	<p>Video Testimonials: YEP Peers</p> <ul style="list-style-type: none"> • Caitlyn Clark National Renewable Energy Laboratory • Grace Callahan Underwriters Laboratories • Carolyn Hull Vice Chair, USNC YEP Committee DICOM/Medical Imaging and Technology Alliance
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LET'S CHAT!

1:55 PM TO 2:25 PM

Megan Pahl

U.S. National Committee of the IEC / American National Standards Institute

4.1	<p>Audio + Video: On!</p> <p>Megan will moderate an open conversation with all participants. Participants will have the opportunity to ask questions about the who, what, when, where, why, and how of the IEC, the USNC, and the YEP program. This conversation will help you take the next steps towards making a difference as an international standardization expert ... and making the world a better place.</p>
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FINAL WORD

2:25 PM TO 2:30 PM

Carrie Schmaus

U.S. Department of Energy
USNC Young and Emerging Professionals (YEP) Committee Chair

About the Speakers

Speakers	
	<p>Carrie Schmaus Carrie Schmaus is a ME (marine energy) Technology Manager at the Water Power Technologies Office (WPTO) at the U.S. Department of Energy (DOE) and a 2018 Young Professional Leader at the International Electrotechnical Commission (IEC). Carrie's Master's is from the School of Marine and Environmental Affairs at the University of Washington, and she graduated Phi Beta Kappa from Wittenberg University with a degree in biology.</p>
	<p>Jonathan Colby Jonathan Colby has been with Verdant Power since 2006, initially as a hydrodynamic engineer. He supports a broad range of activities to demonstrate Marine Energy generation and the operation of grid-connected tidal energy converters, including the assessment of power performance at Verdant Power's Roosevelt Island Tidal Energy (RITE) Project, the first tidal energy project to receive a federal commercial license in the United States. Jonathan is actively involved in the development of International Standards and Conformity Assessment Systems through the IEC, currently serving as the Chair of IEC/TC 114, <i>Marine Energy</i>, and as the Convener of the Marine Energy Sector Working Group of the IECRE System. He is also actively involved in the USNC/IEC as a member of the TMC and CAPCC, among other roles.</p>
	<p>Samuel Lum Samuel Lum is a standards coordinator and engineer in the Standards and Conformity Assessment Program (S-CAP) as part of the US Food and Drug Administration, Center for Devices and Radiological Health. Samuel's role supports fellow senior standards advisors and manages the materials specialty, which oversees 16 subcommittees and over 220 FDA-recognized standards. He is interested in global medical device standards harmonization and the impact of standards on trade and intellectual property.</p>
	<p>Nathan Tom Nathan Tom is an engineering researcher with the National Renewable Energy Laboratory and is currently the Secretary of the USNC Young and Emerging Professionals Committee. Nathan has been involved in standards development for the past three years by supporting the IEC/TC 114, <i>Marine energy – Wave, tidal, and other wave current converters</i>.</p>



Megan Pahl

Megan Pahl is a Program Administrator for the USNC at the American National Standards Institute. In this role, Megan supports the USNC Conformity Assessment Policy Coordination Committee (CAPCC), USNC Communications Committee, and provides general member support. Megan currently serves as the Secretary to IEC TC 106 USNC Technical Advisory Group (TAG).