

REVIEW OF YEAR 2 ACTIVITIES: SUMMARY OF KEY ACCOMPLISHMENTS

- **W**inston-Salem, NC, Regional Convening held November 2019 and two more scheduled (May and June 2020) before COVID-19 struck
- **I**ndustry site visits with interviews of technicians, technician supervisors, and mid-level management
- **M**onthly ATE Leadership Caucus on the Future of Work web meetings
- **D**efinitions of 45 subtopics within Data Knowledge and Analysis, Advanced Digital Literacy, and Business Knowledge and Processes
- **D**evelopment of instructional activities for use across STEM technician training programs and a list of resources for distance education in response to COVID-19
- **O**utreach and dissemination using informative content to explore industry, education, technology, and workforce issues relevant to the Future of Work

PODCAST SERIES

Podcasts cover a variety of Future of Work issues and are disseminated through Science360 Radio, iTunes, GooglePlay, and the project website, <https://www.preparingtechnicians.org/podcasts>

Episode 9: The Year in Review, project leadership team

Episode 10: Digital Transformation, Michael Lesiecki, project Co-PI

Episode 11: The Customer: Driver of Future Change, Sarah Nicastro, Future of Field Service blog

Episode 12: Agility and Resilience in the Modern Workforce, Amanda Falvey, Director of Human Resources, BRP Marine Group

Episode 13: A Robot for Every Technician? A Look at Trends Driving Manufacturing, Ben Moses, Director, Manufacturing Technology and Stephen LaMarca, Technology Analyst, Association for Manufacturing Technology

Episode 14: Delivering Automation at UPS, David Ayala, Western Region Buildings and Systems Engineering Training Manager

Episode 15: Working “Remotely,” Jill Zande, Associate Director and ROV Competition Coordinator for the Marine Advanced Technology Education (MATE) Center

Episode 16: Cross-Cutting Skills in Advanced Manufacturing for Medical Devices—Matthew Carter, Vice President, Cook Medical

If you have a suggestion for a podcast topic, please contact host Mike Lesiecki, mlesiecki@gmail.com.

BLOG

The website also hosts the project blog at <https://www.preparingtechnicians.org/blog/>

- ❖ “4 Top-Notch Hacks for Bringing Personality and Productivity to Online Meetings,” Dawn Montemayor, Virtual Chief Security Officer, CyberRisk Solutions, July 2020
- ❖ “Newest NSF ATE Center Focuses on the Future in Micro Nano Technology Education,” Jared Ashcroft, PI and Center Director, MNT-EC, Pasadena Community College and Billie Copley, Nano-Link Center for Nanotechnology Education, June 2020
- ❖ “STEM Technician Students Surveyed About Remote Instruction,” Marilyn Barger, May 2020
- ❖ “NSF Grants Put Lane Community College Programs Ahead of the Curve,” Brenda Cervantes, Project Specialist, Water and Energy Programs, Lane Community College, May 2020
- ❖ “GeoTech Center Goes Virtual for Professional Development Conference,” Vince DiNoto, Director and Principal Investigator of the National Geospatial Center of Excellence, Jefferson Community and Technical College, May 2020
- ❖ “COVID-19, Higher-Ed, and What the Future Holds: The View from RCNET,” Kevin Cooper, Principal Investigator, Regional Center for Nuclear Education and Training, Indian River State College, April 2020
- ❖ “InnovATEBIO Goes Virtual to Reach Biotech Instructors and Students,” Russ Read, Executive Director. National Center Biotechnology Workforce, Forsyth Technical Community College, April 2020
- ❖ “Solving Future Labor Gaps by Engaging Students Early,” Emily McGrath, Director of Workforce Development, NextFlex, February 2020
- ❖ “Project Facilitates Regional Convening on Future of Work,” Ann-Claire Anderson, Vice President, Special Projects, CORD, December 2019

If you would like to serve on our Board of Contributors, please contact Liz Myrick, myrick@cord.org.

OVERVIEW OF GRANT YEAR 3 ACTIVITIES

Continuing Activities	New Activities
<ul style="list-style-type: none">▪ Virtual interviews (technicians, technician supervisors, etc.)▪ Convenings (virtual)▪ Dissemination activities▪ Subject-matter expert content review▪ ATE Leadership Caucus web meetings	<ul style="list-style-type: none">▪ Curriculum modifications identification▪ Instructional materials development▪ Professional development delivery▪ EU technical education system research