

2022 Annual Conference Best Paper Winners

PIC I - Social responsibility attitudes among undergraduate computer science by Quintin Kreth, Daniel S. Schiff, Ellen Zegura, Jason Borenstein, and Jeonghyun Lee

PIC II and Overall Best Conference Paper - The Impact of Math and Science Remedial Education on Engineering Major Choice, Degree Attainment, and Time to Degree by Joyce B. Main and Amanda Griffith

PIC III - Self-Assessment of Leadership Behavior Over Time Among Students in a Mechanical Engineering Capstone Design Course by Rebecca Komarek, Daniel Knight, and Angela R. Bielefeldt

PIC IV - Collateral Damage: Investigating the Impacts of COVID on STEM Professionals with Caregiving Responsibilities by Kelli Paul, Adam Maltese, Andrew Katz, Jungsun Kim, Amanda Diekman, and Allison Godwin

PIC V - A Comparative Study of Collaborative and Inclusive Skills Development in Capstone Design Teams at Three Different Engineering Institutions by Courtney Pfluger, Sindia Rivera-Jimenez and Anastasia Hauser

Diversity Paper - Integrating Race, Gender, and Indigenous Knowledge in the Introductory Physics Curriculum by Prasad Venugopal

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Zone I - Visual Verbal Integrated (VIVID) Comics - A pedagogy for teaching transferable and humanistic skills in Engineering by Kai Zhuang, Dimpho Radebe, Majgan Jadidi and Evan Hu

Zone II and Overall Best Zone Paper - Flipping the Heat Transfer Classroom by Jessica Lofton

Zone III - Factors Affecting the Success Rate of First Year Chemical Engineering Students by Sheena M. Reeves

Zone IV - Exploring the Ethical Perceptions of First year Engineering Students: PublicWelfare Beliefs, Ethical Behavior, and Professional Values by Qin Zhu, Andrea Gammon, Rockwell Franklin Clancy III, Anna Angeli, Scott Streiner and Ryan Thorpe