

Editorial	823
<i>Ahmad Ibrahim</i>	
Lessons from Two Hundred Undergraduate Engineering Senior Design Capstone Projects Including the Implications of Cross Discipline Projects, and Different Types of Project Sponsors	824–848
<i>Scott Shaffar, Barry Dorr and Jamey O’Neill</i>	
Improving Capstone Skills with Design of Experiments – Effect of a Pre-Capstone Lab Course	849–860
<i>Bridget Smyser</i>	
Infusing an Entrepreneurial Mindset into Multidisciplinary Capstone Curriculum: Learning Objectives, ABET Alignment, and Supporting Activities	861–871
<i>Krista M. Kecskemety, Bob Rhoads and Tyler J. Stump</i>	
Collaborative (in)decision: A Preliminary Investigation of the Differences in Undergraduate Engineering Capstone Students’ Collaborative Behaviors	872–888
<i>Mitchell Gerhardt, Mayar Madboly, Nicole Pitterson, Emily Dringenberg and Benjamin Ahn</i>	
Improving Outputs from Team Project Work Using Agile Project Management in an Academic Setting	889–900
<i>Emily A. Larsen, Darin Aaby and Charles Pezeshki</i>	
Is Less More? A Review of Engineering Capstone Time Commitment and Grades	901–910
<i>Aaron J. Rubin</i>	
Supporting Underrepresented Students in Capstone Design	911–918
<i>Bridget Smyser and Sarah Oman</i>	
Expanding the Use of Technical Writer Evaluators for Writing Intensive Course Requirements in Multidisciplinary Capstone	919–927
<i>Sarah Oman, John Parmigiani, Judy Liu and Joseph Piacenza</i>	
Using Design Signatures to Make the Invisible Visible: Designing Activities for Design Process Learning	928–946
<i>Jennifer Turns, Reid Bailey, Susannah Howe, Krina Patel, Daria Kotys-Schwartz, Micah Lande, Eli Patten, Nicole A. Batrouny and Cynthia J. Atman</i>	

Section II

Contributions in: Diversity, STEM, Engineering Ethics, Demographic Factors, Creativity, Entrepreneurship, Action Research, Peer Instruction, First-Year Students, Major Selection, Leadership, Engineering Identity, Professional Practice, Doctoral Students, Role of Math, Academic Achievement, Persistence, Self-efficacy, Engagement, Fluid Mechanics Modules

Assessing Student Engagement and Conceptual Growth When Using Low-Cost Desktop Fluid Mechanics Learning Modules in Engineering Classes	947–965
<i>Gan Jin, Talodabiolorun Anne Oni, Florence Oluwadamilola Adesope, Blessing Opeyemi Akinrotimi, Olusola Olalekan Adesope, Oluwafemi J. Ajeigbe, Oluwafemi Johnson Sunday, Prashanta Dutta and Bernard J. Van Wie</i>	
Investigating Diversity and Intercultural Attitudes among STEM Professionals in Germany	966–980
<i>Petia Genkova and Henrik Schreiber</i>	

An Analysis on Ethical Competency and Self-Efficacy Among Freshman Students in Engineering	981–993
<i>Vandna Venkata Krishnan, Glen Miller, Michael D. Johnson, Amarnath Banerjee and Bimal Nepal</i>	
Promoting Creativity in Engineering Education: A Theoretical Framework Based on a Scoping Review	994–1004
<i>Ana Bertol-Gros, David Lopez, Berta Bardí-Milà</i>	
Key Drivers of Entrepreneurial Intentions: Evidence from Engineering Students	1005–1017
<i>Tea Borozan, Zoran Rakićević, Petar Stanimirović and Nemanja Backović</i>	
Action Research in Computer Engineering Education: Enhancing Expository Lessons Through Peer Instruction	1018–1029
<i>Óscar Fresnedo, Adriana Dapena, Francisco Laport and Paula M. Castro</i>	
Exploring the Relationships between Rejection Sensitivity and Engineering Students' Application to Major	1030–1042
<i>Tyler Milburn and Krista M. Kecskemety</i>	
Relating Shared Leadership to Academic Team Attributes for Mechanical Engineering Capstone Design Teams	1043–1060
<i>Brian J. Novoselich and David B. Knight</i>	
The Social, Cultural, and Material Contexts of Doctoral Engineering Students' Research Experiences for Professional Practice Preparation	1061–1085
<i>Eric A. Holloway, Kerrie A. Douglas, William C. Oakes and David F. Radcliffe</i>	
Early Career Engineering Instructors' Experiences with Freeform – An Innovative Instructional System: Acceptability and Feasibility	1086–1101
<i>Hong H. Tran, Edward J. Berger, Anyerson Cuervo-Basurto and Fredy Rodriguez-Mejia</i>	
The Role of Math and Academic Achievement in Student Adaptation and Engineering Identity Among College Engineering Students	1102–1112
<i>Anqi Zhang, Yi Ding, Qian Wang and Yongwook Kim</i>	
Predicting Persistence in Engineering Using Non-Cognitive Factors	1113–1123
<i>Breanna Graven, Thomas Tretter and Patricia Ralston</i>	
Guide for Authors	1124