

Poster Board Assignments

Board #	paper_id	title	session owner	session_type	Author Last Name	Author First Name
T304 - Biomedical Division Poster Session						
1	23810	Work in Progress: Using Video Tutorials to Assist Biomedical Engineering Students in Learning Solid Modeling Skills	Biomedical Engineering Division	Poster Session	Amini	Rouzbeh
2	22931	Work in Progress: Are We on Track with Tracks?	Biomedical Engineering Division	Poster Session	Amos	Jennifer
3	22929	Work in Progress: Creating an Engineering-based Medical School to Address a Critical Gap in Medical Innovation	Biomedical Engineering Division	Poster Session	Amos	Jennifer
4	23663	Work in Progress: Designing an Introduction to Biomedical Engineering Course Around a Design Challenge	Biomedical Engineering Division	Poster Session	Bailey	Jennifer
5	22962	Work in Progress: Problem-based Learning in a Flipped Classroom Applied to Biomedical Instrumentation Teaching	Biomedical Engineering Division	Poster Session	Bohorquez	Jorge
6	23500	Work in Progress: Knowledge Translation for Biomedical Engineering Graduate Students	Biomedical Engineering Division	Poster Session	Bouwmeester	Chris
7	23030	Work in Progress: Dialogue Videos Foster Interaction Between Homework Partners	Biomedical Engineering Division	Poster Session	Caplan	Michael
8	23188	Work in Progress: Healthcare Economics and Information Literacy - Resources for Success in Undergraduate Biomedical Engineering Education	Biomedical Engineering Division	Poster Session	Carroll	Alexander
9	23023	Work in Progress: 3-D Curriculum - An Innovative Structure to Model the Co-curricular Experience in Biomedical Engineering	Biomedical Engineering Division	Poster Session	Cartee	Lianne
10	23838	Work in Progress: Fostering Cross-Disciplinary Collaborations between Biomedical Engineering and Occupational Therapy Students - A Model for Clinical Exposure for BME	Biomedical Engineering Division	Poster Session	Cezeaux	Judy
11	23488	Work in Progress: An Economical and Open-source Mechanical Testing Device for Biomaterials in an Undergraduate Biomechanics Laboratory Course	Biomedical Engineering Division	Poster Session	Childers	Rachel
12	21903	Work in Progress: Pilot Shadowing Experiences to Introduce Engineering Students to Speech-Language Pathology	Biomedical Engineering Division	Poster Session	Freeborn	Todd
13	23659	Work in Progress: Toy Adaptation as Engineering Outreach to Diverse High School Students	Biomedical Engineering Division	Poster Session	Hendricks	Dianne
14	23567	Work in Progress: #FunTimesWithTheTA - A Series of Fun Supplementary Lessons for Introductory Level Biomedical Instrumentation Students (Part II)	Biomedical Engineering Division	Poster Session	Hoilett	Orlando
15	23226	Work in Progress: Streamlining the Biomedical Engineering Design Process	Biomedical Engineering Division	Poster Session	Imas	Olga

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16	23450	Work in Progress: Bridging Research and Entrepreneurship - Master's Certificate in Translational Biomedical Research at Northwestern University	Biomedical Engineering Division	Poster Session	Kim	Gloria
17	22922	Work in Progress: Prosthetic Design Cases as an Educational Tool In and Out of the Classroom	Biomedical Engineering Division	Poster Session	Krause	Samuel
18	22649	Work in Progress: Developing Assignments to Reinforce Process Knowledge for a Medical Equipment Troubleshooting Laboratory Course	Biomedical Engineering Division	Poster Session	Kundrod	Kathryn
19	22982	Work in Progress: Spicing Up Instruction of Professional Topics in Biomedical Engineering	Biomedical Engineering Division	Poster Session	LaMack	Jeffrey
20	23786	Work in Progress: Biomedical Prototype Design in Collaborative Teams to Increase Students' Comprehension and Engagement	Biomedical Engineering Division	Poster Session	Lenz	Kiersten
21	23272	Work in Progress: Project Tadpole - A Student-led Engineering Service Club	Biomedical Engineering Division	Poster Session	Li	Martin
22	23615	Work in Progress: Improving Biomedical Engineering Student Technical Writing through Rubrics and Lab Report Re-submissions	Biomedical Engineering Division	Poster Session	Nocera	Tanya
23	23350	Work in Progress: Teaching Effective Teamwork Skills in Biomedical Engineering Laboratory Courses	Biomedical Engineering Division	Poster Session	Okon	Monica
24	23052	Work in Progress: Exploring the STEM Education and Learning Impacts of Socially-relevant Making through the Challenge Problem of Making Prosthetics for Kids	Biomedical Engineering Division	Poster Session	Powell	Jeff
25	23884	Work in Progress: Mandatory Attendance in Office Hours to Improve Students' Learning Experience	Biomedical Engineering Division	Poster Session	Rezvanifar	Cyrus
26	23005	Work In Progress: Incorporating Global Context into a Biomechanics Course through Service-learning Collaboration	Biomedical Engineering Division	Poster Session	Rooney	Sarah
27	23533	Work in Progress: The Use of Scaffolding and Peer Reviews to Improve Effective Writing Skills in Biomedical Engineers	Biomedical Engineering Division	Poster Session	Simpson	Chartrisa
28	23765	Work in Progress: Peer-Induced Competition Among Design Teams - Do Weekly Updates Among Leaders Accelerate Progress?	Biomedical Engineering Division	Poster Session	Stahle	Mary
29	23494	Work in Progress: Learning from Two Little Blue Lines: Introducing Biomedical Engineering by Reverse Engineering a Low-Cost Diagnostic Device	Biomedical Engineering Division	Poster Session	Stahle	Mary
30	23307	Work in Progress: Effective Use of Engineering Standards in Biomedical Engineering	Biomedical Engineering Division	Poster Session	Stephens	Jeannie

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T304 - Biomedical Division Poster Session						
31	22456	Work in Progress: Flipping Synchronous Online Courses to Increase Engagement and Enhance Learning	Biomedical Engineering Division	Poster Session	Thickman	Karen
32	21577	Work in Progress: A New Approach to Student Learning of Real-time Biomedical Digital Signal Processing	Biomedical Engineering Division	Poster Session	Tompkins	Willis
33	21320	Work in Progress: A Hybrid Engineering Course Combining Case-based and Lecture-based Teaching	Biomedical Engineering Division	Poster Session		
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T305 Chemical Engineering Division Poster Session						
34	22085	Incorporation of Process Sustainability Concepts in a Senior Design Course at a Minority Serving University	Chemical Engineering Division	Poster Session	Alexander	Matthew
35	23078	Work in Progress: Developing a Multi-dimensional Method for Student Assessment in Chemical Engineering Laboratory Courses	Chemical Engineering Division	Poster Session	Anastasio	Daniel
36	22308	Work in Progress: Assessment of Google Docs and Drive for Enhanced Communication and Data Dissemination in a Unit Operations Laboratory	Chemical Engineering Division	Poster Session	Barr	Christopher
37	22999	Work-in-Progress: Conceptual Activities for Separations Courses	Chemical Engineering Division	Poster Session	Brennan	Janie
38	23684	Work In Progress: Development and Evaluation of an Online Chemical Engineering Bridging Course	Chemical Engineering Division	Poster Session	Golpour	Hassan
39	23174	Building Spreadsheet Skills Using an Interactive Textbook	Chemical Engineering Division	Poster Session	Liberatore	Matthew
40	23631	Effect of Online Recorded Video "Review Session" on Student Test Preparation and Performance for Fluid Mechanics Midterm at a University in the Netherlands	Chemical Engineering Division	Poster Session	Mau Barankin	Michael
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T306 Civil Engineering Division Poster Session						
41	23668	Using 3-D Printing in a Laboratory Setting to Teach Design Principles	Civil Engineering Division	Poster Session	Burckhard	Suzette
42	21188	Evaluation of the Effectiveness of Using Mobile Learning in Engineering Dynamics and Vibrations Courses	Civil Engineering Division	Poster Session	Jiang	Zhaoshuo
43	21187	Using Mobile Learning to Improve Low Success Rate in Engineering Courses	Civil Engineering Division	Poster Session	Jiang	Zhaoshuo
44	21832	Defining and Assessing Competencies in an Undergraduate Reinforced Concrete Design Course	Civil Engineering Division	Poster Session	Lovell	Matthew
45	21802	Peer Mentoring for All: Investigating the Feasibility of a Curricular-Embedded Peer Mentoring Structure	Civil Engineering Division	Poster Session	McVey	Molly
46	21295	Integration of SHRP2 Solutions into Civil Engineering Curricula at Rowan, Temple, Villanova, and West Virginia Universities	Civil Engineering Division	Poster Session	Mehta	Yusuf

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T306 Civil Engineering Division Poster Session						
47	21148	A Project-based Learning Method to Teach Concepts of Viscoelasticity and its Applications to Seniors and Graduate Students in Biomedical, Civil, Chemical, and Mechanical Engineering	Civil Engineering Division	Poster Session	Mehta	Yusuf
48	21111	Analysis of a Trial of Mentoring between Civil Engineering Students and Practicing Engineers	Civil Engineering Division	Poster Session	Milke	Mark
49	21027	Making the Case for Temporary Structures as a Required Course and Recommending an Instructional Design	Civil Engineering Division	Poster Session	Okere	George
50	21651	Bridging the Gap: a Co-taught Field Course with Integrated History and Civil Engineering Content	Civil Engineering Division	Poster Session	Riley	Charles
51	21609	Playing Relieves Stressâ€¦ Concentrations!	Civil Engineering Division	Poster Session	Welch	Ronald
52	21611	Examining the Impacts of Academic and Community Enrichment Resources on First-Year Civil Engineering Students	Civil Engineering Division	Poster Session	Welch	Ronald
53	21524	Transportation Engineering Education in the 21st Century: A Review of Current Practices	Civil Engineering Division	Poster Session	West	Meg
54	24040	Effective Stress and Upward Seepage Laboratory Demonstration	Civil Engineering Division	Poster Session	Wooden	Matthew
T307 - College Industry Partnerships Division Poster Session						
55	22103	Industry and Academia: Together Spells Success	College Industry Partnerships Division	Poster Session	Floyd	Raymond
56	21917	STEM Education from the Industry Practitionersâ€™ Perspective	College Industry Partnerships Division	Poster Session	John	David
57	22071	Concept Map-based Aviation Competency Mapping and Training	College Industry Partnerships Division	Poster Session	Lin	Yuetong
58	23098	Investigation of Factors Promoting Competitive Candidates for Entry-level Bioengineering Positions	College Industry Partnerships Division	Poster Session	Pool	Marcia
59	22116	Social Cognitive Impact of Industry internships upon Engineering Technology Students Developing Professional Identity: a Case Study	College Industry Partnerships Division	Poster Session	Spencer	Bobbi
T308 - Computers in Education Division Poster Session						
60	23092	Work in Progress: Introductory Mobile Robotics and Computer Vision Laboratories Using ROS and MATLAB	Computers in Education Division	Poster Session	Avanzato	Robert
61	23879	Applications of Artificial Intelligence in Peer Assessment	Computers in Education Division	Poster Session	Gehringer	Edward
62	21140	Development of a Virtual Reality Educational Game for Waste Management: Attack of the Recyclops	Computers in Education Division	Poster Session	Gooran	Hadiseh
63	22639	ROS as an Undergraduate Project-based Learning Enabler	Computers in Education Division	Poster Session	Hill	Elyse

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T308 - Computers in Education Division Poster Session						
64	23093	Work in Progress: Exploring the Method to Design an Equal Engineering Class Environment for Studentsâ€™ Collaborative Learning under Head-mounted Display Virtual Reality (HMD VR) Condition	Computers in Education Division	Poster Session	huang	wen
65	21811	Technology Enhanced Pre-Calculus Classrooms (Work in Progress)	Computers in Education Division	Poster Session	Lam	Charles
66	22817	Evaluating Learning Engagement Strategies in a Cyber Learning Environment during Introductory Computer Programming Courses – an Empirical Investigation	Computers in Education Division	Poster Session	Narasareddygari	Mourya
67	21676	Work in Progress: Developing Engineering Students' Professional Development Skills through Augmented and Virtual Reality Gaming Environments	Computers in Education Division	Poster Session	Nelson	Matthew
68	22258	Work in Progress: Constructing a Prediction Model of Creativity and Cognitive Concept Connections Based on Learning Portfolio	Computers in Education Division	Poster Session	Wu	Ting-Ting
69	22640	Work in Progress: Integrating Computational Thinking in STEM Education through a Project-based Learning Approach	Computers in Education Division	Poster Session	Yang	Dazhi
Board #	paper_id	title	session owner	session_type	Author Last Name	Author First Name
T309 Construction Division Poster Session						
70	21494	Assessment of Scientific Literacy Skills and Attitudes of Undergraduate Construction Management Students	Construction Engineering Division	Poster Session	Ofori-Boadu	Andrea
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T315 Electrical and Computer Division Poster Sessiojn						
71	23273	Trending Mistakes in Signals and Systems Courses	Electrical and Computer Division	Poster Session	Fayyaz	Farrah
72	21500	Work in Progress: Reinforcement of Engineering Education with Hands on Learning of Through Technical Skills	Electrical and Computer Division	Poster Session	Kerestes	Robert
73	22375	Establish Feedback Loops in an Electrical Engineering Core Course with Adaptive Release	Electrical and Computer Division	Poster Session	Nelson	Robin
74	22468	Work in Progress: A Study of Transparent Assignments and Their Impact on Students in an Introductory Circuit Course	Electrical and Computer Division	Poster Session	Ou	Jack
75	22711	Work in Progress: Reinventing the Undergraduate Electrical Engineering Curriculum to Address Tomorrowâ€™s Cross-Disciplinary Global Challenges	Electrical and Computer Division	Poster Session	Phillips	Jamie
76	22429	Work in Progress: An Analysis of Correlations in Student Performance in Core Technical Courses at a Large Public Research Institutionâ€™s Electrical and Computer Engineering Department	Electrical and Computer Division	Poster Session	Robbiano	Christopher
77	23616	The Sensor Signal and Information Processing REU Site	Electrical and Computer Division	Poster Session	Shanthamallu	Uday

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T315 Electrical and Computer Division Poster Session						
78	23210	A Wearable Electrocardiograph as a Means to Combine Measurement and Makerspace Concepts in a Biomedical Instrumentation Course Sequence	Electrical and Computer Division	Poster Session	Warren	Steve
79	21813	Work in Progress: Do It Early and Do It Often – Engineering Math for First-Term EE Students	Electrical and Computer Division	Poster Session	Wierer	Jay
80	22524	Work in Progress: Implementation of Electrostatics Tutorials Utilizing an Electronic Response System in Upper Level Electromagnetics	Electrical and Computer Division	Poster Session	Young	Matthew
T318 Engineering Design and Graphics Division Poster Session						
82	22726	A Tale of the Robot: Will Virtual Reality Enhance Student Learning of Industrial Robotics?	Engineering Design Graphics Division	Poster Session	Chang	Yi-hsiang
83	21548	Active Learning Module Development for At-Risk Learners in Engineering Graphics	Engineering Design Graphics Division	Poster Session	Clark	Aaron
84	21082	CADcompare: A Web-based Application that Compares PDF CAD Drawings	Engineering Design Graphics Division	Poster Session	Webster	Rustin
T320 Engineering Ethics Division Poster Session						
85	22376	Risk Management and Ethics in Capstone Design	Engineering Ethics Division	Poster Session	DeBartolo	Elizabeth
86	21752	Integrating Product-Safety Curriculum to Enhance Design and Reinforce Engineering Ethics	Engineering Ethics Division	Poster Session	d'Entremont	Kenneth
87	23163	Learner Types: A Means to Expand the Definition of Diversity and to Redesign Ethics Modules	Engineering Ethics Division	Poster Session	Foley	Rider
88	22532	Concerning Professional Licensure for Civil Engineering Faculty: A Matter of Best Practice	Engineering Ethics Division	Poster Session	Payne	Michelle
89	22995	Tools to Assist with Collection and Analysis of Ethical Reflections of Engineering Students	Engineering Ethics Division	Poster Session	Taraban	Roman
T355 Engineering Leadership Development Division Poster Session						
90	24049	The UTEP Edge: A Student Success Initiative for Developing High-impact Practices	Engineering Leadership Development Division	Poster Session	Golding	Peter
91	22141	What is Engineering Leadership? A Proposed Definition	Engineering Leadership Development Division	Poster Session	Paul	Robyn
T321 Engineering Libraries Division Poster Session						
92	22892	Ten Ways Academic Libraries Can Help their Departments Increase Retention of Women Engineering Students	Engineering Libraries Division	Poster Session	Bossart	Jean

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T321 Engineering Libraries Division Poster Session						
93	21798	Engineering Graduate Student Information Literacy: Are We Meeting the Need?	Engineering Libraries Division	Poster Session	Grochowski	Paul
94	23671	Making All the Gears Drive the Machine: New Library Collections and Services for Starting a Mechanical Engineering Program	Engineering Libraries Division	Poster Session	Peterson-Fairchild	Kelly
95	21224	Leveraging Python to Improve Quality of Metadata of Engineering Faculty Publication Records	Engineering Libraries Division	Poster Session	Zhang	Qianjin
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T325 Environmental Engineering Division Poster Session						
96	22295	Sustainable Development Goals Meet "Third Mission": The Engineers Without Borders Challenge in Germany	Environmental Engineering Division	Poster Session	Haberstroh	Max
97	22123	A Case Study of Interdisciplinary Capstone Engineering Design	Environmental Engineering Division	Poster Session	Hunt	George
98	22698	Collaboratively Developing an Introductory Infrastructure Systems Curriculum: The One Water Module	Environmental Engineering Division	Poster Session	Parker	Philip
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T327 First Year Programs Division Poster Session						
99	23727	Comparing Peer Evaluations of Teamwork Behavior by K-12 Students versus First-year Engineering Students	First-Year Programs Division	Poster Session	Ferguson	Daniel
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T329 Industrial Engineering Division Poster Session						
100	22477	Truck-Drone Two-tier Delivery Network Design	Industrial Engineering Division	Poster Session	SHIM	SANGHO
101	22483	A Steepest Edge Rule for a Column Generation Approach to the Convex Recoloring Problem	Industrial Engineering Division	Poster Session	SHIM	SANGHO
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T332 International Engineering Education Poster Session						
102	24542	SRobot Project	International Division	Poster Session	Binh Do	Phuong
103	23809	Comparison of Engineering Honors Education in America and China"Based on the Analysis of Course Syllabi in the First-year Program and Experimental Class	International Division	Poster Session	FU	Jiaojiao
104	21408	The Online Tutorial Room (OTR): Improving the Sampling Frequency of the Engineering Knowledge Signal!	International Division	Poster Session	Hassoun	George
105	24541	Maker Education in a Sino-American Joint Institute: Taking Sichuan University - Pittsburgh Institute as an Example	International Division	Poster Session	Lin	Senbao

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T332 International Engineering Education Poster Session						
106	21943	Teaching Engineering, Teamwork, and Tolerance by Bringing Multi-discipline, Multicultural Students Together via a Project of Common Interest; Vertical, Hydroponic, Smart Garden With Global and Universal (Space) Applications (Student Poster-Paper)	International Division	Poster Session	Ruiz-Carpio	Miguel
107	23356	Leveraging the Tech-savvy Next-generation Talents and Hackathon Techniques to Accelerate Digital Enterprise Journey and Space-related Endeavors	International Division	Poster Session	Taratukhin	Victor
108	21407	Improving Freshman Students' Success Using "Tracking"	International Division	Poster Session	Waychal	Pradeep
109	23871	A Preliminary Phosphate Study of Selected Sites Along the Shanghai Tributary of the Yangtze River; Undergraduate International Student's Freshman Project in an Interconnected World (Student Poster-Paper)	International Division	Poster Session	Ying	Junyi
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T338 Mechanical Engineering Division Poster Session						
110	22638	Assessment of Student's Programming Skills in a Dynamics Systems and Control Course	Mechanical Engineering Division	Poster Session	Ali	Arjumand
111	23115	Integral Methods Application to Solve Transient Heat Conduction Problems with Energy Generation in Semi-infinite Solids	Mechanical Engineering Division	Poster Session	Haidar	Salim
112	22168	Work-in-Progress: Engineering Identity across the Mechanical Engineering Major	Mechanical Engineering Division	Poster Session	Han	Yen-Lin
113	22280	Work in Progress: Retrospective Analysis on the Perspective of Instructors about Transitioning to Using Active-learning Strategies to Teach Mechanical Engineering Classes	Mechanical Engineering Division	Poster Session	Krishnamoorthy	Sreenidhi
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T333 Pre College Engineering Education Division Poster Session						
114	22577	Impact of a STEM-focused Research Program on Minority High School Students' Self-Efficacy and Interest in STEM Research and Careers (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Baldwin	Tameshia
115	22894	Elementary Students' Disciplinary Practices During Integrated Science and Engineering Units (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Batrouny	Nicole
116	23672	Implementation of an Engineering Summer Camp for Early-Elementary Children (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Bottomley	Laura
117	22797	Innovative Mars Exploration Education and Technology Program: Development of an Informal Learning Curriculum (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Carnasciali	Maria-Isabel

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T333 Pre College Engineering Education Division Poster Session						
118	22408	University-based Engineering Training of High School Science Teachers to Implement the Next Generation Science Standards (Work in progress)	Pre-College Engineering Education Division	Poster Session	Christian	Kimberly
119	23138	Innovating Teamwork Instruction in High School: Using Pandemic (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Garc�a	Joshua
120	22780	Growth from the STEM: Exploring an International Model of Apprenticeship for Outreach Programs (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Gerrard	Darlee
121	21596	Examining the Literacy Practices of Engineers to Develop a Model of Disciplinary Literacy Instruction for K-12 Engineering (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Green	Theresa
122	22395	Influence of an Entrepreneurial Mindset on P-12 Students' Problem Framing (Work-in-Progress)	Pre-College Engineering Education Division	Poster Session	Kim	Eunhye
123	22905	Examining the Interactions Related to Role Modeling in an Elementary Outreach Program (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Miel	Karen
124	23525	A Project-Based Approach to Develop Engineering Design Process Skills Among High School Students (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Mon	Mi
125	22027	Neuroscience and Engineering: Interdisciplinary STEAM Curriculum at a Girls' Middle School (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Pang	Phelana
126	22565	Integrating Authentic Engineering Design into a High School Physics Curriculum (Work in Progress)	Pre-College Engineering Education Division	Poster Session	Pike	Alexandra
127	22516	Engineering Projects in Community Service (EPICS) High: Preliminary Findings Regarding Learning Outcomes for Underrepresented Students (Work in Progress, Diversity)	Pre-College Engineering Education Division	Poster Session	Spence	Tameka
128	21792	Engaging Underrepresented Students in Engineering through Targeted and Thematic Summer Camp Content (Work in Progress, Diversity)	Pre-College Engineering Education Division	Poster Session	Warren	Amy
129	21746	Gatekeepers to Broadening Participation in Engineering: A Qualitative Investigation of a Case Site in Virginia (Work in Progress)	Pre-College Engineering Education Division	Poster Session		Andrew
T350 Two Year College Divison Poster Session						
130	21313	The Re-Energize Undergraduate Research Program in the Third and Final Year	Two-Year College Division	Poster Session	Dimitriu	Dan
131	23686	The Development of a Context-based Summer Research Program for Community College Faculty in Science and Engineering	Two-Year College Division	Poster Session	Marlor	Lea

Sheridan

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T350 Two Year College Divison Poster Session						
132	22975	Study Success of Transfer Students in Engineering Technology: the Effect of a MOOC and a Math Diagnostic Test	Two-Year College Division	Poster Session	Van den Broeck	Lynn
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T335 Make It						
133	23752	MAKER: Simple Making Activities to Expose Middle School Girls to STEM Careers	Manufacturing Division	Poster Session	Ertekin	Yalcin
134	23390	MAKER: Design and Build a New Concrete Block to Make the Curved Roofs	Manufacturing Division	Poster Session	Ghotbi	Eshan
135	23953	MAKER: Laboratory Improvements for Mechanical Engineering (Phase 2)	Manufacturing Division	Poster Session	Golub	Michael
136	22043	MAKER: Facial Feature Detection Library for Teaching Algorithm Basics in Python	Manufacturing Division	Poster Session	Hsieh	Sheng-Jen
137	22050	MAKER: Designing and Building a Prosthetic Hand for a High School Engineering Design Course	Manufacturing Division	Poster Session	Hsieh	Sheng-Jen