

## Posters/Abstracts By Cluster

### BP -- Bridge Programs

Poster #	Sess.	Award #	Lead Author	Institution	Title
BP - 01	A	0856657	Russell	Angelo State University	First Year Experience with Science Partnership for Undergraduate Recruitment, Retention, and Success (SPURRS)
BP - 02	B	0757088	Sena	Northern New Mexico College	Advancing STEM Performance, Innovation and Retention
BP - 03	A	1161127	Kanbur	SUNY College at Oswego	Assessment of the SUNY Oswego NSF S-STEM Bridge Camp 2011- 2012
BP - 04	B	0969360	Sen	Milwaukee Area Technical College	BEST Efforts at Milwaukee Area Technical College
BP - 05	A	0756838	Kolvoord	James Madison University	Bridging the Valley: A STEP Ahead for STEM Majors
BP - 06	B	1067896	Leggett-Robinson	Georgia Perimeter College	Building Success: One STEP at a Time
BP - 07	A	0856396	Chen	University of Central Oklahoma	Faculty and Students: Two Foci of Undergraduate Research – the Oklahoma STEP Program
BP - 08	B	0969571	Cheatham	Middle Tennessee State University	Mathematics as a FirstSTEP to Success in STEM
BP - 09	A	0756738	Franceschetti	University of Memphis	MemphiSTEP: A STEM Talent Expansion Program at the University of Memphis
BP - 10	B	0756986	Tomasko	Ohio State University	Ohio Sustainable Science and Engineering Talent Expansion Program
BP - 11	A	0856767	Allen	Texas A & M University	Retention through Remediation: Enhancing Calculus I Success
BP - 12	B	0968970	Mercier	Daytona State College	STEM Community Scholars Program
BP - 13	A	0652963	Svoronos	CUNY Queensborough Community College	The Queensborough Bridge STEP Program
BP - 14	B	1068238	Kohlhorst	Emory University	Gateways to Success in Science, Mathematics and Computer Science: Developing Faculty & A Summer Bridge Program

### CI -- Course and Curriculum Improvement

Poster #	Sess.	Award #	Lead Author	Institution	Title
CI - 01	A	0756847	Ramachandran	University of South Florida	A STEP to Grow in Science-Engineering-Mathematics Undergraduate Degrees
CI - 02	B	0525514	Tratras Contis	Eastern Michigan University	Creative Scientific Inquiry Experience (CSIE) Program: Remarkable Impact Enhancing STEM Student Success
CI - 03	A	0969568	Manning	Concordia College	Enhancing First- year Retention in STEM at Concordia College
CI - 04	B	0756918	Muldrow	Morehouse College	Enhancing Success in STEM by Building Skills and Intervention
CI - 05	A	0622466	Klingbeil	Wright State University	Gateway into First-Year STEM Curricula: A Community College/University Collaboration Promoting Retention and Articulation
CI - 06	B	0856716	Tkacik	University of North Carolina at Charlotte	Increasing Enrollment and Retention in the College of Engineering Using a Multi-Disciplinary Motorsports Theme (NSF 0856716)
CI - 07	A	0756992	Cohan	Pennsylvania State University - Penn State Main Campus	Intermediate Outcomes for STEM Students Who Participated in Math Tutoring, a Toy-Based Freshman Engineering Design Course, or a Summer Bridge Program
CI - 08	B	0969618	Mills	Tennessee Technological University	Math Success for STEM Majors

CI - 09	A	1068103	Rawn	University of Tennessee	Research and Instructional Strategies for Engineering Retention - RISER
CI - 10	B	0969109	Kling	Bridgewater State College	Student Support Models Tailored by Departments to Discipline Needs
CI - 11	A	1125331	Egger	Central Washington University	The InTeGrate Geo STEP Center: Interdisciplinary Teaching of Geoscience for a Sustainable Future
CI - 12	B	0969520	Page	California State Polytechnical University - Pomona	Three Strategies to Improve STEM Graduation Rates
CI - 13	A	0525429	Georgiopoulos	University of Central Florida	UCF STEP Pathways to STEM: From Promise to Prominence

## ER -- Educational Research & Policy

Poster #	Sess.	Award #	Lead Author	Institution	Title
ER - 01	A	0757076	Hurtado	University of California - Los Angeles	Becoming Scientists: Practices in Undergraduate Education that Contribute to Degree Completion and Advanced Study in STEM Disciplines
ER - 02	B	0969474	Ohland	Purdue University	Characterizing and Modeling the Experience of Transfer Students in Engineering
ER - 03	A	1125457	Byers	Stanford University	Epicenter: Creating a Nation of Entrepreneurial and Innovative Engineers

## FD -- Faculty Development & Networking

Poster #	Sess.	Award #	Lead Author	Institution	Title
FD - 01	A	0856815	Callahan	Boise State University	Idaho Science Talent Expansion Program 2013: Increasing Student Success Through Student Support, Improved Instruction
FD - 02	B	1143572	Udovic	University of Oregon	STEP Central: A Community of Practice for Increasing STEM Graduates

## LC -- Learning Communities and Cohort-Building

Poster #	Sess.	Award #	Lead Author	Institution	Title
LC - 01	A	1068301	Hadizadeh	University of Louisville	A community building approach in support of STEM retention efforts
LC - 02	B	1205954	Young	University of Central Florida	COMPASS - Convincing Outstanding Math Potential Admits to Succeed in STEM
LC - 03	A	0969153	Kopec	St. Edward's University	Community for Achievement in Science, Academics, and Research – CASAR Project
LC - 04	B	0969382	Green	LeTourneau University	First-Year Initiatives for Retention Enhancement (FIRE) 2013
LC - 05	A	0622442	Lockwood	West Texas A & M University	Increasing Numbers and Connections in Science and Engineering
LC - 06	B	0622573	Zimmerman	University of Illinois at Urbana-Champaign	Merit-Based Immersion for Students and Teachers
LC - 07	A	1068463	Hayman	Northern Illinois University	PROMISE Scholars Program
LC - 08	B	0756985	Musah	SUNY at Albany	Positive Dose Response Effects for Students Participating in STEM Structured Learning Communities
LC - 09	A	0856435	Evans	Rutgers University - Camden	Q-STEP: Community of Quantitative Scientists
LC - 10	B	0969603	Rockhill	Seattle Central Community College	Ready, Set, Transfer! - Seattle Community Colleges
LC - 11	A	0622421	Gardiner	University of Northern Colorado	Recruitment and Retention of Biology Majors

LC - 12	B	1068445	Stauffer	Sonoma State University	S3: STEPping up STEM at SSU
LC - 13	A	0653056	Lancellotti	CUNY College of Staten Island	STEAM five years later
LC - 14	B	0856830	Veronica	University of Washington	STEP 1B: WA MESA-MCCP Community College Model
LC - 15	A	0622530	Giraldo	Texas A & M University - Corpus Christi	STEP Program TAMUCC
LC - 16	B	1068170	Wilson	Virginia Tech	STEPing Up Engagement in the Physical and Quantitative Sciences at Virginia Tech
LC - 17	A	0757114	Tappero	Cabrillo College	Science, Technology and Energy: Expanding Potential
LC - 18	B	0969232	Smith	University of Maryland - College Park	The Successful Engineering Education and Development Support (SEEDS) Program
LC - 19	A	0653098	Damas	Miami-Dade College - Wolfson Campus	Tools for Success
LC - 20	B	0652968	Jacquez	New Mexico State University	New Mexico State University Science Technology Engineering and Mathematics Talent Expansion Program (STEP)

### MC -- Miscellaneous

Poster #	Sess.	Award #	Lead Author	Institution	Title
MC - 01	A	0969500	Watt	Indiana University-Purdue University Indianapolis	Central Indiana - STEM Talent Expansion Program (CI-STEP)
MC - 02	B	0969287	Tsang	Western Michigan University	Effective Academic and Student Affairs Collaboration to Enhance Success in Engineering and Applied Sciences
MC - 03	A	1068346	Morris	Valparaiso University	Enhancing STEM Education in NW Indiana: Year 2 Update of the MSEED Program
MC - 04	B	0969286	Stearns	University of North Carolina at Charlotte	Finding the roots: interactive influences of individual, secondary school, and college institutional factors on the success of women and underrepresented minorities in STEM majors
MC - 05	A	1161152	Jackson	Cleveland State University	Mathematics achievement as a STEP for student success
MC - 06	B	1252798	Hobson	Texas A & M Engineering Experiment Station	Phase II of Networking STEPs in Texas: Use of Data
MC - 07	A	1068399	Leoni	Edmonds Community College	Relationships in Science Education (RiSE)
MC - 08	B	1068150	Kelli	University of Mary Washington	STEM Talent Expansion through Research, Engagement, Preparation and Scholarships (STEREPS)

### PI -- Peer Mentors in Supplemental Instruction (e.g., PLTL)

Poster #	Sess.	Award #	Lead Author	Institution	Title
PI - 01	A	0856575	Raab	Saint Vincent College	Collaborative Learning Program: Peer-led interdisciplinary training of STEM Students
PI - 02	B	0757055	Reisel	University of Wisconsin - Milwaukee	Fostering Opportunities for Tomorrow's Engineers (FORTE)
PI - 03	A	0969280	Bowling	Northern Kentucky University	Project FORCE: Focus on Occupations, Recruiting, Community, and Engagement
PI - 04	B	1068383	Tashiro	California St. Univ. - Sacramento	Project PASS: Peer Assisted Student Success
PI - 05	A	0653292	Pagotto	Kapi'olani Community College	Science Talent Expansion Program in Urban Polynesia (STEP-UP)

PS -- Project Sustainability/ Institutionalization					
Poster #	Sess.	Award #	Lead Author	Institution	Title
PS - 01	A	0653236	Rover	Iowa State University	SEEC: STEM Student Enrollment and Engagement Through Connections
PS - 02	B	0969627	Pedone	California St. Univ. - Northridge	STEPS at CSUN: Increasing Retention of Engineering and Physical Science Majors
PS - 03	A	0856796	Peterson	University of Texas at Arlington	University of Texas at Arlington Undergraduate Research-Based Achievement for STEM Collaboration
PS - 04	B	0652982	Furse	University of Utah	Utah's Engineers: A Statewide Initiative for Growth
TF -- Two-Year/Four-Year Partnerships					
Poster #	Sess.	Award #	Lead Author	Institution	Title
TF - 01	A	1161177	Drew	University of Florida	A STEP Up for the Life Sciences: Strengthening a Research University/Minority-serving Community College Partnership
TF - 02	B	0856770	Caldwell	Salt Lake Community College	A distributed genomics project to recruit high school students to STEM
TF - 03	A	1161311	Waggenspack, Jr.	Louisiana State University	Baton Rouge Community College – Louisiana State University: A Partnership for STEM Student Success
TF - 04	B	0856635	McBride	Eastern Arizona College	Collaborative Research: Motivated Engineering Transfers - STEM Talent Expansion Program (METSTEP)
TF - 05	A	0757020	McDonough	Michigan State University	Engaging Early Engineering Students (EEES) at Michigan State University and Lansing Community College
TF - 06	B	0756978	Mitchell	University of Southern Indiana	Expanding the STEM Pipeline in Southern Indiana
TF - 07	A	1068341	Hannula	Fort Lewis College	Four Corners STEM Success (FOCUSS)
TF - 08	B	1068477	De Leone	California St. Univ. - San Marcos	Increasing STEM talent through regional partnerships, recruiting, & retention
TF - 09	A	0856834	Anderson-Rowland	Arizona State University	Motivated Engineering Transfers STEM Talent Expansion Program (METSTEP)
TF - 10	B	0653090	Duggan	Northeastern University	Northeastern University STEP-UP
TF - 11	A	0856279	Abler	University of Wisconsin Colleges	Opening the Portals of Discovery: Increasing Opportunities in STEM Through Collaborative Research
TF - 12	B	0757053	Leckrone	Roosevelt University	Roosevelt University – Harold Washington College Partnership for STEM Education
TF - 13	A	0757001	van Staaen	Bowling Green State University	SETGO mentoring significantly accelerates degree attainment
TF - 14	B	0653277	Alvarez	San Diego State University	STEP Partnership of San Diego
TF - 15	A	0757113	Filowitz	California St. Univ. - Fullerton	TEST-UP: Talent Expansion in Science and Technology - An Urban Partnership
TF - 16	B	0855343	Idoux	Tarleton State University	The Central Texas 2-STEP: 1) Attraction TO STEM; 2) Retention & Graduation IN STEM
TF - 17	A	0856549	Sibert	University of Texas at Dallas	The Dallas STEM Gateways Collaborative: Creating Pathways For Transfer Student Success, Persistence and Retention
TF - 18	B	0856827	Jones, II	Chicago State University	Urban Science, Technology, Engineering, and Mathematics Talent Expansion Program
TF - 19	A	0653199	Vallas	University of Virginia	On Route to a Community of Practice in Undergraduate Engineering Education: The Academic Community for Engineering Students (ACES)

UR -- Early Undergraduate Research & Internships					
Poster #	Sess.	Award #	Lead Author	Institution	Title
UR - 01	A	0756928	Tashakkori	Appalachian State University	Appalachian Undergraduate Academy of Science
UR - 02	B	0969428	Olmstead	Salisbury University	Bridges for SUCCESS: Growing STEM Enrollments Through Clear and Sustainable Pathways for Students
UR - 03	A	0653198	Goedde	DePaul University	Building a STEM Pipeline in Chicago
UR - 05	A	0856613	Davis	Alma College	EFFECTIVE USE OF EARLY UNDERGRADUATE RESEARCH EXPERIENCES TO RECRUIT AND RETAIN STEM STUDENTS
UR - 06	B	0653164	Mousseau	University of South Carolina - Columbia	STEM Sense of Community in the Undergraduate Transfer Experience
UR - 07	A	0622197	Skeete	CUNY Medgar Evers College	STEP into Science at Medgar Evers College, Completing a Successful Strategic Plan
UR - 08	B	1068182	Khraishi	University of New Mexico-Main Campus	STEPs in the Right Direction: Transforming Engineering/Computer Science Education at the University of New Mexico
UR - 09	A	0622598	Huntsinger	University of California - Berkeley	The Environmental Leadership Pathway Program – University of California, Berkeley "Education, Research and Support"
WM - Recruiting, Retaining Women & Minorities					
Poster #	Sess.	Award #	Lead Author	Institution	Title
WM - 01	A	1161204	Symms	Carroll University	Carroll University STEP Initiative: Engineering in Waukesha County
WM - 02	B	0653094	Bohrson	Central Washington University	Central Washington University Science Talent Expansion Program: Recruiting and Retaining the Next Generation of STEM Professionals
WM - 03	A	0856704	Crouch	Dickinson College	Combining the cohort model with early research to improve retention of underrepresented minority students in the sciences at a small liberal arts college
WM - 05	A	0756921	Kukreti	University of Cincinnati - Main Campus	Enhancing The Recruitment Of Underrepresented Undergraduates At The University Of Cincinnati
WM - 06	B	0757057	Doerschuk	Lamar University	Lamar University Students Advancing through Involvement in Research Student Talent Expansion Program (STAIRSTEP)
WM - 07	A	0653157	White	Fayetteville State University	Opportunities for Talent Expansion in Interdisciplinary Education for Minorities and Women in Undergraduate Mathematics and Science- OpTIMUM
WM - 08	B	0756879	Scott	Rutgers University - New Brunswick/Piscataway	RU STEPed Up for Success: Retaining Women and Minorities in STEM
WM - 09	A	1068483	Rivera-Figueroa	East Los Angeles College	STEM Mentor Program: Enhancing Students' STEM Experience & Academic Success
WM - 10	B	0855730	Long	University of Houston	STEP Forward: STEM Talent Expansion Program for Women and Under Represented Group Recruitment and Retention Development at the University of Houston
WM - 11	A	0653011	Wolfson	Towson University	TOPS: A Structural Framework for Student Success in STEM
WM - 12	B	1068453	Walden	University of Oklahoma	The Privilege of Student, Experiential Learning, Engineering Competition Teams (SELECT)
WM - 13	A	0856309	Trent	University of Illinois at Urbana-Champaign	Underrepresented Undergraduates in STEM at Large, Public Research Universities: From Matriculation to Degree Completion