

Location	Name	Title	Poster	AV Needs
199	Cindy Alexander	Life on the EDGE: How Project-Based Learning Affects Undergraduate Engineering Education	Flat Poster	None
226	Autumn Anderson	Wearable Technology: The Effect of ShotTracker® on Motivation and Shooting Percentage in Collegiate Basketball Players.	Flat Poster	None
44	Kirstin Anderson	Exploring the “Pre-College Schooling” Attribute of Tinto’s College Persistence Model through Public vs. Private Education	Flat Poster	None
136	Kyle Anderson	Going, Guzzling, Gone? The Effects of Gasoline Prices on Consumer Vehicle Procurement	Flat Poster	None
257	Miche Andre	A [Redacted] Dictatorship	Flat Poster	None
23	Toru Ashida	A Turning Point For Japan	Tri-fold	None
12	Jonathan Bading	The Polar Front: A Historical Narrative Derived from the Oral History of the American North Russian Expeditionary Forces	Flat Poster	Electricity,Extension cord
14	Ellee Banaszak	The Face of Hope: How Perceived Minorities and Other Topics Have Shaped the Experience and Contributions of Hope Students	Flat Poster	Electricity,Extension cord,Additional table
179	Ellee Banaszak	Tracing the Sand Dunes: Using a Combination of Panoramic Photography and Dune Pins to Track Changes in Michigan's Sand Dunes Over Time	Flat Poster	Additional table
178	Brianna Barbu	Fast Colorimetric Titration of Boron Tribromide Using N,N-dimethylaniline	Flat Poster	None
43	Corben Barnett	Should the Federal Government be Involved in State-funded Public Education?	Flat Poster	None
221	Samuel Barthel	The Qualitative Fundamental Motor Performance Characteristics of Preadolescent Obese Children	Flat Poster	None
222	Samuel Barthel	The Duration of Effects of Self-Myofascial release using a Foam Roller on Joint Range of Motion and Flexibility	Flat Poster	None
55	Austin Beaudoin	Divergent Neighbors: Post-Revolution Development in Tunisia and Libya	Flat Poster	None
131	Alexander Belica	Driving down Teen Employment? Determining the Effect of GDL Programs on Employment among 16- and 17-year-olds	Flat Poster	None
105	Grace Bergt	Affording an Active Lifestyle	Flat Poster	None
167	Cody Berkobien	Development of a Novel Method to Measure Per- and Polyfluoroalkyl Substances in Paper and Textiles	Flat Poster	None
168	Cody Berkobien	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	None
155	Natasha Jaina Bernal	Embodying Hope: The Impact of Hopeful Thinking on Cardiovascular, Psychological, and Linguistic Indicators	Flat Poster	None
156	Natasha Jaina Bernal	Coping with an interpersonal transgression: The impact of brief reappraisal, acceptance, and rumination inductions on forgiveness and short-term emotions	Flat Poster	None
157	Natasha Jaina Bernal	Adaptive Regulation Strategies in Response to Transgression Rumination: Analysis of Written Responses Following Acceptance or Reappraisal Training	Flat Poster	None
159	Natasha Jaina Bernal	Implicit Desires vs. Explicit Standards: What Matters More for Partnering Behaviors?	Flat Poster	None
12	Cassidy Bernhardt	The Polar Front: A Historical Narrative Derived from the Oral History of the American North Russian Expeditionary Forces	Tri-fold	Electricity
53	Domenick Bertolone	Recreational Cannabis for the United States	Flat Poster	None
194	Ethan Beswick	Flying Fears Revealed: Effect of September 11, 2001 Terrorist Attacks on Short-Term Domestic Airline Ridership	Flat Poster	None
122	Sarah Bettag	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity, table
123	Sarah Bettag	The effects of directing groups min rhodium catalyzed carbon carbon bond activated decarbonilation reactions	Flat Poster	None

Location	Name	Title	Poster	AV Needs
151	Rebekah Bierema	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure?	Flat Poster	None
231	Brian Birckelbaw	The Effects of Proprioceptive Neuromuscular Stretching and Plyometric Exercise on Broad Jump Performance	Flat Poster	Electricity, Extension cord
65	Katherine Bird	Learning Needs Assessment: Comparison of Perceived Learning Needs of Registered Nurses Based on Age and Shift Type	Flat Poster	None
114	Audrey Black	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
176	Dalton Blood	Parameterizing Fluorescent Protein Chromophores For Molecular Dynamics Simulations	Flat Poster	None
222	Zachary Boersema	The Duration of the Effects of Self-Myofascial Release Using a Foam Roller on Joint Range of Motion and Flexibility	Flat Poster	None
101	Molly Bogolin	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Molly Bogolin	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Phrappuccino	Flat Poster	None
203	Barbara Bollhoffer	Exploring Alternative High Schools: Does Emotional Intelligence Matter?	Flat Poster	None
152	Mara Bottomley	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Mara Bottomley	The Impact of Worry on College Students	Flat Poster	None
154	Mara Bottomley	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
228	Justin Bouma	The Effects of Caffeine Ingestion on Lacrosse Shot Accuracy and Power	Flat Poster	None
13	Raven Bouvier	Dancing Through Hope's History	Flat Poster	Additional table
191	Brandon Bowser	Investigating the Gas Sorption Properties of Metal-Organic Frameworks	Flat Poster	None
105	Lauren Boyle	Affording an Active Lifestyle	Tri-fold	None
221	Elizabeth Bransdorfer	The qualitative fundamental motor performance characteristics of preadolescent obese children	Flat Poster	None
222	Elizabeth Bransdorfer	The Duration of The Effects of Self-Myofascial Release Using a Foam Roller On Joint Range of Motion and Flexibility	Flat Poster	None
77	Jaclyn Brett	Production of Unbound Resonance in 23O	Flat Poster	None
82	Elizabeth Brigger	Applying Editorial Processes to Streamline Manuscript Publication	Flat Poster	None
41	Joshua Briggs	Flood Narratives and Catastrophic Lessons: the Cultural Reminders of Apocalyptic Mythology	Flat Poster	None
247	Madeline Brochu	A Crisis that Spans the Atlantic: A Comparative Study of the Housing Crisis in American and French cities	Flat Poster	None
224	Vanessa Brockhouse	The Effect of Runner's Tea on Fat Oxidation in Recreational Runners	Flat Poster	None
187	Landon Brower	Understanding the Fabrication and Growth of Metal-Organic Framework Thin Films	Flat Poster	None
54	Hunter Brumels	Service Providers: A Faith-Base Comparison	Flat Poster	None
239	Jamie Bulthuis	Chiari Malformation in a Collegiate Football Player	Flat Poster	None
16	Ian Bussan	"For the Boys Over There": The 1918 United War Work Campaign	Tri-fold	Electricity
267	Robert Byrne	Shaped by Flames	Other	Flatscreen TV, VGA cord with audio to connect to a Mac book
71	Sarah Caballero	Spin-dependent Cyclotron Total Widths in Strong Magnetic Fields	Flat Poster	None
216	Chloë Caltrider	The Invasion of Sea Lamprey in The Great Lakes	Flat Poster	None

Location	Name	Title	Poster	AV Needs
232	Caitlyn Campbell	An Investigation of Dietary Habits in Overweight and Obese Children; Impact of a Childhood Wellness Intervention	Flat Poster	Electricity,Extension cord
224	Casey Campbell	Runner's Tea	Flat Poster	None
225	Casey Campbell	Excess Post-Exercise Oxygen Consumption	Flat Poster	None
134	Ryan Campbell	Evaluation of the Gender Pay Gap: The Value of Parental Leave	Flat Poster	None
48	Alexander Carpenter	What America's Prison Policy Means	Flat Poster	None
151	Sarah Carrara	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated With HCA Exposure	Flat Poster	None
50	Daniel Carrick	Defense Spending and its Impact on Long Term Economic Growth	Flat Poster	None
223	Gwendolyn Casper	The Effects of Foam Rolling on Flexibility and Vertical Jump Performance in Division III Female Athletes	Flat Poster	None
80	Daniel Clark	Characterization of the Pseudocapacitive Nature of Surface Bound Prussian Blue Analogues	Flat Poster	None
229	Kristen Coffman	The Effect of Music on the Balance of Fatigued College Students	Flat Poster	None
128	Matthew Commet	Distributed Leadership: Understanding Leadership In Communities Of Practice	Flat Poster	None
126	Chad Compagner	Incorporation of Boronic Acids in Cross-Coupling Reactions Proceeding through C-C Activation	Flat Poster	None
58	Thomas Conerty	The Relationship Between Family Structure and Violence Patterns	Flat Poster	None
42	Jessica Cronau	The Justice of God and "The New Jim Crow"	Tri-fold	None
263	Kevin Cross	The Effects of Education on Economic Growth	Tri-fold	None
122	Mark Cunningham	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity,Extension cord
95	Gracie Curtis	Wildlife Use Patterns in a Constructed Wetland	Flat Poster	None
96	Gracie Curtis	A Course-Based Research Experience Approach to Examining Host Factors Involved in Viral Replication	Flat Poster	None
172	Kyle Cushman	Development and Optimization of Amperometric Glucose Biosensors	Flat Poster	None
129	Christopher Da Silva	Airway Macrophage Black Carbon as a Marker of Indoor Air Pollution in Former Smokers with COPD	Flat Poster	None
101	Allison Darnell	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Allison Darnell	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
69	Laris Davenport	Previous Hospitalization as a Risk Factor for Clostridium difficile Infection	Flat Poster	None
198	Brett Dawsey	The Impact of the Great Recession on Post-Secondary Enrollment in Japan	Flat Poster	None
125	Kimberly DeGlopper	Elucidating the Mechanism and Expanding the Scope of Organometallic Nucleophiles Utilized in the Nickel-Mediated Decarbonylative Cross-Coupling of Substituted Phthalimides	Flat Poster	None
98	Mitchell DePree	Genome Editing of Giardia lamblia for Analysis of Novel Transcription Systems	Flat Poster	None
167	Margaret Dickinson	Development of a Novel Method to Measure Per- and Polyfluoroalkyl Substances in Paper and Textiles	Flat Poster	None
168	Margaret Dickinson	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	Electricity, Additional table
256	Claire Dickson	The Ballets Russes in Grand Rapids, February 1917	Flat Poster	Electricity,Extension cord,Additional table
213	Zachary Diener	Predicting Transitions in Bean Beetle Embryo Development Using Wavelet Transforms and Neural Networks	Flat Poster	None

Location	Name	Title	Poster	AV Needs
22	Elliott Digison	Reconsidering Drug Policy- Marijuana	Tri-fold	None
227	Thomas Doherty	Effect of Creatine Monohydrate on Multiple Ice Hockey Skating Sprint Performance	Flat Poster	None
175	John Dood	Developing Ion Parameters for the Optimal Point Charge (OPC) water model	Flat Poster	None
126	Stanna Dorn	Incorporation of Boronic Acids in Cross-Coupling Reactions Proceeding through C-C Activation	Flat Poster	None
127	Anna Dowd	Communities of Practice: Improving Chemistry Teaching through Online Collaboration	Flat Poster	None
7	Sarah Downing	An Analysis of Cultural Prejudice and the Impact on Education	Flat Poster	None
101	Emily Downs	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Emily Downs	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Phrappuccino	Flat Poster	None
254	Brooke Draggoo	Surface Electrical Stimulation to Treat Phantom Limb Pain	Flat Poster	None
101	Riley Draper	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Riley Draper	Isolation of 18 Mycobacteriophages and the Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
86	Zachary Dreyer	The Effects of a Junk Food Diet on the Prefrontal Cortex: Behavioral and Protein Analyses	Flat Poster	None
105	Katelyn Dufek	Affording an Active Lifestyle	Flat Poster	None
231	Ian Dukehart	The Effects of Proprioceptive Neuromuscular Stretching and Plyometric Exercise on Broad Jump Performance.	Flat Poster	Electricity,Extension cord
20	Andrew Dunn	Healthcare: Does the Affordable Care Act Work?	Tri-fold	None
21	Andrew Dunn	Immigration and the Economy	Tri-fold	None
184	Joshua Dykstra	Investigation of the Aspirin Oily Phase	Flat Poster	None
260	Katrina Dykstra	Correlation Between a Nation's Human Trafficking Rates and Socioeconomic Status	Flat Poster	None
163	Megan Edwards	Does Helping Increase Well-Being? Experimental Evidence for the Role of Virtuous Behavior in Meaning in Life	Flat Poster	None
237	Max Elder	Achilles Tendon Rupture in Collegiate Athletes	Flat Poster	None
12	Carolyn Ellis	The Polar Front: A Historical Narrative Derived from the Oral History of the American North Russian Expeditionary Forces	Flat Poster	Additional table
90	Brandon Ellsworth	The 1-42 Isoform of Amyloid Beta Reduces Cell Viability of Salmonella enterica	Flat Poster	None
152	Austin Elluru	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Austin Elluru	The Impact of Worry on College Students	Flat Poster	None
154	Austin Elluru	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
137	Elizabeth Ensink	The First Inoculation Debate: A Quantitative Text Analysis of the Boston Smallpox Epidemic of 1721	Flat Poster	None
138	Elizabeth Ensink	Design and Evaluation of Day1 Peer Partnership Learning Course Materials for General Chemistry and General Biology	Flat Poster	None
121	Hailey Fairchild	Identification of amino acid residues in System xc- that are important in regulating its cell surface expression	Flat Poster	None
152	Hailey Fairchild	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Hailey Fairchild	The Impact of Worry on College Students	Flat Poster	None

Location	Name	Title	Poster	AV Needs
154	Hailey Fairchild	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
8	Rosemarie Falsetta	Why Women are Failing to be Elected to Higher Political Offices	Flat Poster	None
214	Natalie Filipowicz	Biodensities of Lake Michigan Aquatic Life between 2005 and 2010	Flat Poster	None
252	Kathleen Finn	Modeling Surface Electrical Stimulation	Flat Poster	None
97	Haley Fischman	Examining Involvement of Specific Lipids in Viral RNA Replication	Flat Poster	None
101	Haley Fischman	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Haley Fischman	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Phrappuccino	Flat Poster	None
101	Ford Fishman	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Ford Fishman	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
242	Emily Florek	Peroneal Tendon Subluxation: A Case Study	Flat Poster	None
148	Garrett Fogo	Effects of Light and Ambient Temperature in a Diurnal Rodent, the Nile Grass Rat	Flat Poster	None
240	Emma Forlow	Chiropractic Care in a Division III Setting	Flat Poster	None
103	Emily Forster	Activity preferences and cognitive development in children: Effects of children's preference for active outdoor activities versus sedentary indoor activities on cognitive and literacy scores	Flat Poster	None
6	Mahja Foster	Is Poverty Higher Among Immigrants Than Other Minority Groups?	Flat Poster	None
32	Rebecca Fox	Myth Against the World: Bardo-druidism and Welsh National Identity, 1792-1900	Flat Poster	None
3	Zachary Francisco	Free Speech on College Campuses	Flat Poster	None
204	Mikayla Freyling	Self-Determination Skills: Are Ready for Life Students Prepared for the Future?	Flat Poster	None
38	Natalie Fulk	Representations of Hope College: An Examination of the Orations of the Class of 1866	Flat Poster	None
39	Natalie Fulk	The Road to Genocide: Reasons for the Herero Rebellion in German South-West Africa	Flat Poster	None
93	Jennifer Fuller	Illustrating Ecology: Artwork for Visualizing Concepts in the General Biology Lab	Flat Poster	None
94	Jennifer Fuller	Nesting Cavity Preference in <i>Carnegiea gigantea</i>	Flat Poster	None
181	Jennifer Fuller	Investigation of Biochar for Amendment of a Disturbed Soil	Flat Poster	None
273	Julia Fulton	Liberté, égalité, sororité: le rôle des femmes dans la révolution française	Tri-fold	None
119	Christopher Gager	Development of Novel Plasmids for use in Neuroregeneration Studies in Zebrafish	Flat Poster	None
122	Christopher Gager	Assigning and Testing Function From Structure of Uncharacterized Proteins	Flat Poster	Electricity, Extension cord
252	Jessica Gaines	Modeling Surface Electrode Stimulation	Flat Poster	None
219	Sandra Garcia	The Acute Effects of Foam-Rolling and Dynamic Stretching on Flexibility	Flat Poster	None
103	Kristen Garrett	Activity preferences and cognitive development in children: Effects of children's preference for active outdoor activities versus sedentary indoor activities on cognitive and literacy scores	Flat Poster	None
189	Lauren Gentry	Doping Metal Sites in HKUST-1 Metal-Organic Framework System	Flat Poster	None

Location	Name	Title	Poster	AV Needs
106	Amanda Gibson	Exploring Technology Usage and Leisure Activities from Childhood to Emerging Adulthood	Flat Poster	None
246	Shannon Gill	An Unrecognized Inspiration: An Analysis of the Influence of Édouard Manet	Flat Poster	None
24	Nathan Gingrich	Stage Managing The Tempest	Tri-fold	None
204	Savannah Girmscheid	Self-Determination Skills: Are Ready for Life Students Prepared for the Future?	Flat Poster	None
145	Morgan Glover	Triruthenium Complexes as Effectors of A β Aggregation	Flat Poster	None
266	Matthew Glowacki	Tipping the Scales: Do Gasoline Prices Fuel the Obesity Epidemic?	Tri-fold	None
265	Nicholas Glowacki	The Influence of Religion on College Campus Crime	Tri-fold	None
259	Jason Gombas	Take a Look at Snail Fever	Flat Poster	Electricity
260	Steven Gomez	Correlation Between a Nation's Socioeconomic Status and Human Trafficking	Flat Poster	None
9	Alejandra Gomez Limon	Analysis of Immigration Public Opinion and its Effect on Immigration Reform	Flat Poster	None
10	Alejandra Gomez Limon	What Factors Enabled Passage of the LIFE Act and Failure of the DREAM Act?	Flat Poster	None
12	Alejandra Gomez Limon	The Polar Front: A Historical Narrative Derived from the Oral History of the American North Russian Expeditionary Forces	Flat Poster	Additional table
18	Anna Goodling	This Earthly Realm is Fraught: Eall is Earfoðlich	Tri-fold	Electricity
31	Anna Goodling	"Peace and Quiet and Good Tilled Earth:" Mimesis in Tolkien's Shire	Flat Poster	None
151	Ethan Goodman	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure	Flat Poster	None
152	Ethan Goodman	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Ethan Goodman	The Impact of Worry on College Students	Flat Poster	None
154	Ethan Goodman	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
148	Alyssa Goodwin	Effects of Light and Ambient Temperature in a Diurnal Rodent, the Nile Grass Rat	Flat Poster	None
271	Kellen Gove	Statistical Analysis of Lake Sturgeon Data to Find Association and Correlation	Tri-fold	None
229	Katrina Greathouse	Effect of Different Music Tempo on Balance Performance in Fatigued College Students	Flat Poster	None
230	Katrina Greathouse	Predicting Closeness Behaviors: Additional Validation of the Unidimensional Relationship Closeness Scale	Flat Poster	None
130	Aaron Green	Graham's Conjecture, Lemke Graphs, and Algorithms	Flat Poster	None
197	David Green	Which Activities Matter? The Effects of Preschool Curricula on Future Educational Outcomes	Flat Poster	None
124	Caroline Gregerson	Carbon-Carbon Single Bond Activation Used for Coupling with Michael Acceptors	Flat Poster	None
223	Megan Gregorski	The Effects of Foam Rolling on Vertical Jump and Flexibility in Division III Female Power Athletes	Flat Poster	None
57	Bonnie Gregory	How Does Gender Intersect With the Law	Flat Poster	None
147	Molly Gritt	Application of Ribosomal PCR probes to Detect Human-Origin E coli Locally and Across the State	Flat Poster	None
250	Lindsey Gryniwicz	Engineering the Future	Flat Poster	Electricity
87	Jessica Guillaume	Effects of Phthalates on Zebrafish Embryonic Development	Flat Poster	None
207	Abby Gust	Teachers and Children Together, Better Prepared to Teach and Learn: The Impact of the 2015 Summer Enrichment Program	Flat Poster	None

Location	Name	Title	Poster	AV Needs
147	Alexis Guttilla	Application of Ribosomal PCR Probes to Detect Human-origin E. coli Locally and Across the State	Flat Poster	None
108	Alejandra Guzman	Health Disparity Among American Preschool Children: A Comparison of Body Mass Index Across Selected Ethnic Groups	Flat Poster	None
229	Michelle Hance	Effect of Different Tempo Music on Balance Performance in Fatigued College Students	Flat Poster	None
268	Hope Hancock	From Hippies to Hipsters: Changing Expressions of Cultural Citizenship at Music Festivals	Tri-fold	Electricity
228	Samuel Hansel	The Effect of Caffeine on Shot Accuracy and Power in Male Collegiate Lacrosse Players	Flat Poster	None
101	Cassie Harders	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Cassie Harders	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Phrappuccino	Flat Poster	None
115	Emma Hardy	Does Mutation of a Putative Nedd 4-2 Binding Site Within the C-terminus of xCT Inhibit its Ubiquitination?	Flat Poster	None
243	Emma Hardy	Analysis of the Portrayal of Dietrich Bonhoeffer	Flat Poster	None
217	Stephanie Harper	Impact of a Problem-Solving Curriculum on Pre-Service Teachers' Affect toward Mathematics	Flat Poster	None
235	Mikaela Harrell	Anterior Cruciate Ligament Surgical Reconstruction Techniques	Flat Poster	None
167	John Harron	Development of a Novel Method to Measure Per- and Polyfluoroalkyl Substances in Paper and Textiles	Flat Poster	Electricity, table
168	John Harron	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	None
220	Taylor Hatfield	Effect of Varying Velocity on Post-Activation Potentiation of Vertical Jump Performance	Flat Poster	Other
229	Lauren Hazekamp	Effect of Different Music Tempo on Balance Performance in Fatigued College Students	Flat Poster	None
250	Sherah Head	Engineering the Future	Flat Poster	Electricity
5	Sarah Heffner	Migration from Poor to Rich Countries	Flat Poster	None
114	Robert Henry	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
156	Robert Henry	Coping With an Interpersonal Transgression: The Impact of Brief Reappraisal, Acceptance, and Rumination Inductions on Forgiveness and Short-Term Emotions	Flat Poster	None
157	Robert Henry	Adaptive Regulation Strategies in Response to Transgression Rumination: Analysis of Written Responses Following Acceptance or Reappraisal Training	Flat Poster	None
158	Robert Henry	Embodied Virtues: A Review of Peripheral Physiological Associations with Human Strengths	Flat Poster	None
152	Morgan Herzog	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Morgan Herzog	The Impact of Worry on College Students	Flat Poster	None
154	Morgan Herzog	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
161	Rachel Hibbard	Flourishing in the Wake of Disaster: Investigating the Effects of Disaster-Related Stimuli on Meaning, Well-Being, and Religion	Flat Poster	None
274	Jordan Hill	In Search of the Virgin Mary: Saint Mary and the Construction of National Identities in Latin America	Tri-fold	None
151	Amy Hoag	Does lithium diminish manic/depressive behaviors in rats associated with HCA exposure	Flat Poster	None
66	Abby Hodgkinson	Nursing Learning Needs Assessment: Comparing Baccalaureate and Non-Baccalaureate Prepared Nurses	Flat Poster	None
89	Kimberly Hodgson	Toward Understanding Keratan Sulfate Biosynthesis in the Chick Embryonic Cornea	Flat Poster	None

Location	Name	Title	Poster	AV Needs
254	Payton Hoff	Surface Electrical Stimulation to Treat Phantom Limb Pain	Flat Poster	None
61	Anna Holm	Health Literacy amongst Ethnic Minority and Majority Women in the Acute Care Setting	Flat Poster	None
205	Whitney Holmes	Math and Reading Skills Improvement throughout after school program	Flat Poster	None
230	Brooke Hubbel	Predicting Closeness Behaviors: Additional Validation of the Unidimensional Relationship Closeness Scale	Flat Poster	None
14	Grace Hulderman	The Face of Hope: How Perceived Minorities and Other Topics Have Shaped the Experience and Contributions of Hope Students	Flat Poster	Electricity
68	Emma Rae Humphrey	Identified Post-Discharge Interventions for Mothers and Infants	Flat Poster	None
256	Hilary Hunsberger	The Ballet Russes in Grand Rapids, February 1917	Flat Poster	None
72	Jesse Ickes	Resonant Compton Physics for Magnetar Astrophysics	Flat Poster	None
19	Hunter Ihrman	The Impact of the U.S. State Department "Think Again Turn Away" Campaign on ISIS Recruitment	Tri-fold	Electricity,Extension cord,Additional table
170	Emilio Isasi	Phosphate Testing Performed on Microfluidic Paper-based Devices	Flat Poster	None
101	Julie Isola	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Julie Isola	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
226	Alexander Issa	Wearable Technology: The Effect of ShotTracker® on Motivation and Shooting Percentage in Collegiate Basketball Players	Flat Poster	None
261	Jubilee Jackson	Interracial Dating	Flat Poster	None
122	Kylie Jacobs	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity,Extension cord,Additional table
234	Byoungjoon Jang	Understanding Pain through the Lens of Merleau-Pontian Phenomenology: How it Applies to Prehabilitation and Rehabilitation	Flat Poster	None
201	Regan Jekkals	Case Studies of Students' Experiences in a Project-Based Learning Environment	Flat Poster	None
243	Thomas Jenkins	Analysis of the Portrayal of Dietrich Bonhoeffer	Flat Poster	None
211	Jiyi Jiang	Estimation Precision in a Quantile Regression Model	Flat Poster	None
212	Jiyi Jiang	Classifying Handwritten Digits Without Seeing Them	Flat Poster	None
219	Hannah Johnsen	The Acute Affects of Foam Rolling on and Dynamic Stretching on Flexibility	Flat Poster	None
182	Ben Johnson	What Makes Michigan's Coastal Dunes Migrate? Investigating the Triggers of Dune Mobility in Lake Michigan's Dunes Using a Multi-Proxy Study of Coastal Dune Life	Flat Poster	None
163	Evan Johnson	Does Helping Increase Well-Being? Experimental Evidence for the Role of Virtuous Behavior in Meaning in Life	Flat Poster	None
164	Evan Johnson	Pictorial Mnemonic-Strategy Interventions for Children with Special Needs: Illustration of a Multiply Randomized Single-Case Crossover Design	Flat Poster	None
63	Jamie Johnson	Exon amplification and sequencing within the Oxytocin Receptor Gene (OXTR) among persons with Alzheimer Disease	Flat Poster	None
205	Clarissa Johnston	Math and Reading Skills Improvement throughout after school program	Flat Poster	None
14	Anna Jones	The Face of Hope: How Perceived Minorities and Other Topics Have Shaped the Experience and Contributions of Hope Students	Flat Poster	Electricity
195	Melanie Julison	Sexual Assault on Campus: How Does Socioeconomic Background Determine a Student's Likelihood to Report?	Flat Poster	None
255	Noah Jurik	Exploring Visual Appeal of Women's Health Apps	Flat Poster	None

Location	Name	Title	Poster	AV Needs
135	Maxwell Kaiser	Done Fuming Over High Gas Costs: Do Low Gas Prices Increase Automobile Purchases?	Flat Poster	None
227	Jordan Kalsbeek	The Effect of Creatine Monohydrate on Male Ice Hockey Players Skating Sprint Speed	Flat Poster	None
26	Nina Kay	Janelle Monae The Ultimate Space maker	Other	Flatscreen TV, VGA cord with audio to connect to a Mac book
101	Kailee Keiser	Isolation of 18 Mycobacteriophage and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Kailee Keiser	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
15	Colin Kelly	Braveheart: The Role of Films in Historical Story Telling	Tri-fold	None
13	Rachel Kennedy	Dancing Through Hope's History	Flat Poster	Additional table
117	Lauren Kennington	The NEDDylation Site in the VACM-1/CUL5 Sequence Regulates its Effects on Cellular Growth and Angiogenesis	Flat Poster	None
122	Lauren Kennington	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity
63	Michelle Kerr	Exon Amplification and Sequencing within the Oxytocin Receptor Gene (OXTR) among Persons with Alzheimer Disease	Flat Poster	None
245	Jayne Kessel	Spanish Linguistics in the Medical Field: Interpretation	Flat Poster	None
111	Ohanes Khacherian	Sleep in Preschoolers: Memory, Health, and Environment	Flat Poster	None
84	Sarah Faith Kim	Loline Biosynthesis Gene Expression by Epichloë Fungi Grown under In Vivo and In Vitro Conditions	Flat Poster	None
52	Kelsey King	How Does Religious Affiliation Affect Perception of Policy Regarding Syrian Refugees?	Flat Poster	None
133	Kaylee Kish	Do Families Choose Segregation? The Impact of Local Education Market Composition on School Segregation	Flat Poster	None
151	Allison Kleppinger	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure	Flat Poster	None
152	Allison Kleppinger	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Allison Kleppinger	The Impact of Worry on College Students	Flat Poster	None
154	Allison Kleppinger	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
60	Samantha Klokkert	Needs Assessment of Community-Based Service Provider to Children with Disabilities and their Families in China	Flat Poster	None
101	Trinity Knight	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Trinity Knight	Isolation of 18 Mycobacteriophages and Genomic Analysis of Novel Mycobacteriophage Phrappuccino	Flat Poster	None
59	Ashley Krause	Sex Trafficking Intervention: A Therapeutic Approach to Helping Victims	Flat Poster	None
202	Christopher Kruger	Balancing High-Stakes Testing Pressure and Learning 21st Century Skills- Is it Possible? The STREAM Story	Flat Poster	None
120	Nicole Ladd	Exploring the Role of xCT in Neuroregeneration through Laser Ablation of Zebrafish Neurons	Flat Poster	None
122	Nicole Ladd	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Additional table
190	Nolan Ladd	Integrating Metal Organic Frameworks into Device Architectures	Flat Poster	None
148	Brandi Ledbetter	Effects of Light and Ambient Temperature in a Diurnal Rodent, the Nile Grass Rat	Flat Poster	None
147	Kathryn Lee	Application of Ribosomal PCR Probes to Detect Human-origin E.coli Locally and Across the State	Flat Poster	None

Location	Name	Title	Poster	AV Needs
118	Sieun Lee	Structure Function Properties of VACM-1/CuI5 and the Regulation of Cellular Growth	Flat Poster	None
233	Morgan Leep	Comparing The Effect Of Sodium Bicarbonate On Time To Fatigue In Cycling and Treadmill Vo2 Max Testing	Flat Poster	None
233	Lindsay Lehman	Comparing The Effect Of Sodium Bicarbonate on Time to Fatigue in Cycling and Treadmill Vo2 Max Testing	Flat Poster	None
233	David Lenzi	The Effect of Sodium Bicarbonate on Time to Exhaustion on Graded Exercise and Treadmill Tests	Flat Poster	None
101	Allison Lindquist	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Allison Lindquist	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
74	Elizabeth Lindquist	Improvements on Quantitative Analysis of Metalloprotein Stoichiometries with PIXE and NRA	Flat Poster	None
193	Jessica Lindquist	Smoking as a Predictor of Teenage Pregnancy	Flat Poster	None
215	Briana Linton	A Statistical Analysis of River Flow Rate and Turbidity	Flat Poster	None
95	Courtney Lohman	Wildlife Use Patterns in a Constructed Wetland	Flat Poster	None
230	Nathan Long	Predicting Closeness Behaviors: Additional Validation of the Unidimensional Relationship Closeness Scale	Flat Poster	None
40	Nathan Longfield	Authorship of John & The Identity of the Beloved Disciple	Flat Poster	Electricity,Additional table
168	David Lunderberg	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	None
107	Kara Lurvey	Can Childhood Activity Level and Outdoor Experience Predict Adult Outdoor Exposure, Physical Activity, and Body Mass Index?: A Retrospective Approach	Flat Poster	None
118	Haley Lynch	Structure Function Properties of VACM-1/CuI5 and the Regulation of Cellular Growth	Flat Poster	None
262	Vania Macias	In China and America, How Do Differing Societal Values Regarding Parenting Affect a Child's Development?	Flat Poster	None
122	Katherine Mader	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	None
122	Mary Magan	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity
122	Yubing Mao	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity
123	Yubing Mao	The Effect of Directing Groups on the Rate of Rhodium-Catalyzed Decarbonylation Reactions	Flat Poster	None
122	Eleanor Marinelli	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity
78	Braden Marks	Population of Be-13 in a Nucleon Exchange Reaction	Flat Poster	None
169	Boone Marois	Preparing for Harvesting Rare Isotopes at FRIB: Production and Separation of Vanadium-48	Flat Poster	None
236	Tyler Marone	Injury to The Hip in Military Personnel: A Case Study	Flat Poster	None
139	Sarah Mattioli	A Framework for General Chemistry and Biology Laboratory Design and Evaluation	Flat Poster	None
226	Maura McAfee	Wearable Technology: The Effect of ShotTracker on Motivation and Shooting Percentage on Collegiate Basketball Players	Flat Poster	None
223	Aurelie McCarus	The Effects of Foam Rolling on Flexibility and Vertical Jump Performance in Division III Female Athletes	Flat Poster	None
233	Sam McNulty	Comparing The Effect Of Sodium Bicarbonate On Time To Fatigue In Cycling and Treadmill Vo2 Max Testing	Flat Poster	Electricity
231	Natassia McQueen	The Effects of Proprioceptive Neuromuscular Stretching and Plyometric Exercise on Broad Jump Performance.	Flat Poster	Electricity,Extension cord
81	Walter Meeker	Exploring the Effect of Electrolyte Composition on the Charge Capacity of Nickel Hexacyanoferrate Thin Films	Flat Poster	None

Location	Name	Title	Poster	AV Needs
219	Sarina Mehta	The Acute Effects of Foam-Rolling and Dynamic Stretching on Flexibility	Flat Poster	None
110	Esveide Mendoza	The Relationship between Gender, BMI, and Activity Preference among Preschool Students	Flat Poster	None
152	Madison Mertz	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Madison Mertz	The Impact of Worry on College Students	Flat Poster	None
154	Madison Mertz	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
243	Madison Mertz	Analysis of the Portrayal of Dietrich Bonhoeffer	Flat Poster	None
11	Ellen Messner	The State of the Arts in Holland: the Roles of Art and Identity in Community	Flat Poster	Additional table
91	Nicole Meyer	Elucidating the Anti-Tumor Mechanisms of Naturally Derived Capsaicin	Flat Poster	None
33	Matthew Meyerhuber	Division and Fall: Modernity, Confessionalism, and the Church Struggle in the Third Reich	Flat Poster	None
113	Marina Milad	Cardiac Enzymes as Biomarkers of Mortality in Perinatal Hypoxic Ischemic Encephalopathy (HIE)	Flat Poster	None
114	Marina Milad	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
167	Brandon Miller	Development of a Novel Method to Measure Per- and Polyfluoroalkyl Substances in Paper and Textiles	Flat Poster	Electricity,Extension cord,Additional table
168	Brandon Miller	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	None
144	Lyndsy Miller	Antiproliferative Ruthenium Complexes	Flat Poster	Other
114	Morgan Miller	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
132	Lauren Mioduszewski	A Chip Off the Block? Does Parental Marital Status Influence the Health Choices of Children?	Flat Poster	None
1	Jean Luc Miralda	A Cross Cultural Comparison of Narrative Constructions of Happiness in USA, Japan, and Honduras College Students.	Flat Poster	None
2	Jean Luc Miralda	Immigration	Flat Poster	None
228	Jennie Moderwell	The Effect of Caffeine on Shot Accuracy and Power in Male Collegiate Lacrosse Players	Flat Poster	None
91	Samantha Moffat	Elucidating the Anti-Tumor Mechanisms of Naturally Derived Capsaicin	Flat Poster	None
114	Samantha Moffat	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
231	Aleksandrs Molenaar	The Effects of Proprioceptive Neuromuscular Stretching and Plyometric Exercise on Broad Jump Performance	Flat Poster	Electricity,Extension cord
185	Kirsten Monson	Development of a Novel Transition Frequency Eigenvalue/Principal Component Approach for the Analysis of Eye-Tracking Data	Flat Poster	None
86	Spencer Morgan	The Effects of a Junk Food Diet on the Prefrontal Cortex: Behavioral and Protein Analyses	Flat Poster	None
101	Sarah Mozdren	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Sarah Mozdren	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
216	Sarah Mozdren	The Invasion of Sea Lamprey in The Great Lakes	Flat Poster	None

Location	Name	Title	Poster	AV Needs
220	Justine Mucinski	Effect of Varying Velocity on Post-Activation Potentiation of Vertical Jump Performance	Flat Poster	None
223	Betel Mulat	The Effects of Foam Rolling on Vertical Jump and Flexibility in Division III Female Power Athletes	Flat Poster	None
67	Christina Mulder	Test-Retest Reliability of Postpartum Depression Risk Factors Questionnaire and Edinburgh Postnatal Depression Scale	Flat Poster	None
86	Kaleigh Mullen	The Effects of a Junk Food Diet on the Prefrontal Cortex: Behavioral and Protein Analysis	Flat Poster	None
151	Kathleen Muloma	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure	Flat Poster	None
159	Tara Murray	Implicit Desires vs. Explicit Standards: What Matters More for Partnering Behaviors?	Flat Poster	None
253	Courtney Myers	Development of a Wireless Sensor Node for Monitoring System Behavior	Flat Poster	None
208	Catherine Namwezi	The Relationship between Politics, Media and Ethnicity in Kenya.	Flat Poster	None
209	Catherine Namwezi	What External Factors Enhance or Hinder the Success of Poverty Eradication Policies in Inner Cities	Flat Poster	None
210	Catherine Namwezi	Clustering Farms Using Data from Categorical Variables	Flat Poster	None
141	Amanda Napier	Metal Organic Framework Films: Doping, Deposition, and Structure	Flat Poster	None
100	Andrew Neevel	Investigating Mycobacteriophage-Host Protein Interactions	Flat Poster	None
173	Drake Neilands	The Preparation of a Highly Fluorinated EDOT Monomer for Electrode Functionalization	Flat Poster	None
75	Alec Nelson	Bending and Bifurcation of a Superconductor Resonator with Engineered Nonlinearity	Flat Poster	None
112	Konner Nelson	Religiosity Predicts Body Esteem Beyond General Affect	Flat Poster	None
162	Hanna Newbound	Can Generosity Increase Well-Being? Identifying Experimental Effects and Possible Mediators	Flat Poster	None
98	Ross Nickels	Genome Editing of Giardia lamblia for Analysis of Novel Transcription Systems	Flat Poster	None
103	Kara Niffin	Activity preferences and cognitive development in children: Effects of children's preference for active outdoor activities versus sedentary indoor activities on cognitive and literacy scores	Flat Poster	None
101	Derrick Obiri-Yeboah	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Derrick Obiri-Yeboah	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
35	Colin O'Connor	History of the Syrian Civil War	Flat Poster	None
188	Monica Ohnsorg	Characterization of MOF Thin Films: Investigating System Modifications and Sensing Applications	Flat Poster	None
90	Aaron O'Meara	The 1-42 Isoform of Amyloid Beta Reduces Cell Viability of Salmonella enterica	Flat Poster	None
101	Megan Oostindie	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Megan Oostindie	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
124	Christian Otteman	Carbon-Carbon Single Bond Activation Used for Coupling with Michael Acceptors	Flat Poster	None
152	Christian Otteman	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Christian Otteman	The Impact of Worry on College Students	Flat Poster	None
154	Christian Otteman	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
70	Kelsey Otter	Postpartum Depression Risk Factors Questionnaire: A Study of Factor Analysis	Flat Poster	None

Location	Name	Title	Poster	AV Needs
83	Lydia Pagel	Incidence of Infection of Botanophila Flies by 000bWolbachia Bacteria	Flat Poster	None
241	Brandon Parcell	Vestibular Role in Concussion	Flat Poster	None
115	Sehyun Park	Does mutation of a putative Nedd 4-2 binding site within the C-terminus of xCT inhibit its ubiquitination?	Flat Poster	None
118	Henry Peabody	Structure-Function Properties of VACM-1/Cul5 and the Regulation of Cellular Growth	Flat Poster	None
101	Chase Pearce	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Chase Pearce	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
79	Benjamin Peecher	Dealloying NiCo and NiCoCu Thin Films Using Linear Sweep Voltammetry	Flat Poster	None
101	Daniel Pelyhes	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Daniel Pelyhes	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
114	Elizabeth Perkins	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
244	Elizabeth Perkins	El portuñol: El portugués y el español en contacto en Uruguay	Flat Poster	None
218	Sarah Petersen	Level Curves of a Real Algebraic Function	Flat Poster	None
101	John Peterson	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	John Peterson	Isolation of 18 Mycobacteriophages and Genomic Analysis of Novel Mycobacteriophage Phrappuccino	Flat Poster	None
115	Matthew Petrovich	Does mutation of a putative Nedd 4-2 binding site within the C-terminus of xCT inhibit its ubiquitination?	Flat Poster	None
11	Hannah Pikaart	The State of the Arts in Holland: the Roles of Art and Identity in Community	Flat Poster	Electricity,Extension cord,Additional table
160	Nicholas Pikaart	Cultivating Hope and Happiness through Grateful Remembering: A Two-Study Assessment of Trait and State Gratitude	Flat Poster	None
36	Alexandra Piper	Letter Writing, Morale, and Marriage: The Unique Letter Writing Role of Women During World War II and a Commentary on Marriage	Flat Poster	None
37	Alexandra Piper	How Do Public Beliefs About Gender on Various Dimensions Influence Female Candidate Policy Preferences in the Form of Their Stated Foreign Policy Agendas?	Flat Poster	None
76	Jacob Pledger	Crystalline Channeling of MeV Ion Beams	Flat Poster	None
95	Katie Pniewski	Wildlife Use Patterns in a Constructed Wetland	Flat Poster	None
123	Cameron Pratt	The Effect of Directing Groups on the Rate of Rhodium-Catalyzed Decarbonylation Reactions	Flat Poster	None
106	Taylor Prokott	Exploring Technology Usage and Leisure Activities from Childhood to Emerging Adulthood	Flat Poster	None
262	Yi Qian	In China and America, How Do Differing Societal Values Regarding Parenting Affect a Child's Development?	Flat Poster	None
261	Corinne Qualkinbush	Interracial Dating	Flat Poster	None
14	Gianna Ramirez	The Face of Hope: How Perceived Minorities and Other Topics Have Shaped the Experience and Contributions of Hope Students	Flat Poster	Other
122	Sarah Ratliff	Assigning and testing function from structure of uncharacterized proteins	Flat Poster	Electricity
180	Sarah Ratliff	Microplastic Beach Pollution	Flat Poster	None

Location	Name	Title	Poster	AV Needs
161	Alexa Rencis	Flourishing in the Wake of a Disaster: Investigating the Effects of Disaster-Related Stimuli on Meaning, Well-Being, and Religion	Flat Poster	None
162	Alexa Rencis	Can Generosity Increase Well-Being? Identifying Experimental Effects and Possible Mediators	Flat Poster	None
34	Colin Rensch	In the Key of Britain: The Making of British Music, 1900-1930	Flat Poster	Electricity,Extension cord,Additional table
227	Ryan Restum	Effect of Creatine Monohydrate on Multiple Ice Hockey Skating Sprint Performance	Flat Poster	None
122	Alison Rhodes	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity,Extension cord,Additional table
227	Brandon Richardson	The Effect of Creatine Monohydrate on Multiple Ice Hockey Skating Sprint Performance	Flat Poster	None
152	Fallon Richie	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Fallon Richie	The Impact of Worry on College Students	Flat Poster	None
154	Fallon Richie	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
155	Fallon Richie	Embodying Hope: The Impact of Hopeful Thinking on Cardiovascular, Psychological, and Linguistic Indicators	Flat Poster	None
156	Fallon Richie	Coping with an Interpersonal Transgression: The Impact of Brief Reappraisal, Acceptance, and Rumination Inductions on Forgiveness and Short-term Emotions.	Flat Poster	None
157	Fallon Richie	Adaptive Regulation Strategies in Response to Transgression Rumination: Analysis of Written Responses Following Acceptance or Reappraisal Training	Flat Poster	None
160	Fallon Richie	Cultivating Hope and Happiness through Grateful Remembering: A Two-Study Assessment of Trait and State Gratitude	Flat Poster	None
262	Stephen Rivas	In China and America, How Do Differing Societal Values Regarding Parenting Affect a Child's Development?	Flat Poster	None
51	Phillip Rokus	The Humanitarian Crises of Syrian Refugees	Flat Poster	None
224	Chelsea Root	The Effect of Runner's Tea on Fat Oxidation in Recreational Runners	Flat Poster	None
140	Emma Ropski	Creation and Assessment of Day1 Research Communities	Flat Poster	None
64	Elizabeth Roskamp	Emergency Department Quality Improvement: Patient Medication Education	Flat Poster	None
16	Miriam Roth	"For the Boys Over There": The 1918 United War Work Campaign	Tri-fold	Electricity,Extension cord
258	Victoria Roughley	Intimate Partner Violence: Cultural Factors and Prevention	Flat Poster	None
101	Jada Royer	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Jada Royer	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Phrappuccino	Flat Poster	None
151	Jada Royer	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure	Flat Poster	None
92	Nicholas Rozema	Testing Antiviral Properties of Captopril	Flat Poster	None
49	Matthew Rueping	Tax the Rich: Studying our Tax Policy and the 1%	Flat Poster	None
253	Jeffrey Russcher	Development of a Wireless Sensor Node for Structural Health Monitoring	Flat Poster	None
114	Madeleine Ryan	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
165	Dalila Salas	Who Is It?: Vowel Sound Variation Among African American and European American Children	Flat Poster	Electricity,Additional table
166	Dalila Salas	Perceptual Differentiation of African American and European American Children	Flat Poster	None
220	Micah Sall	The Effect of Varying Velocity on Post-Activation Potentiation of Vertical Jump Performance	Flat Poster	None

Location	Name	Title	Poster	AV Needs
142	Daniel SantaLucia	Investigation of the Coordination Chemistry of Tetrathiooxalate as a Terminal and as a Bridging Ligand	Flat Poster	None
73	Christina Sarosiek	Differential PIXE Analysis of Multi-Layered Auto Paint	Flat Poster	None
174	Lisa Savagian	Reducing the Rare Earth Content in Red- and Green-Emitting Phosphors for Lighting Applications	Flat Poster	None
122	Claire Schaar	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity,Extension cord,Additional table
97	Kayla Schipper	Examining Involvement of Specific Lipids in Viral RNA Replication	Flat Poster	None
25	Erika Schlenker	Curiosity Saved the Neighbor: Interactive Zines to Celebrate Multicultural Voices	Tri-fold	Electricity
99	Clara Schriemer	Transcriptional Regulation of OLE1 expression in Saccharomyces cerevisiae is Dependent on Fatty Acid Species	Flat Poster	None
152	Maxwell Schuiteman	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Maxwell Schuiteman	The Impact of Worry on College Students	Flat Poster	None
154	Maxwell Schuiteman	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
177	Jessica Scott	Trifluoromethylation of Dihaloarenes: toward Bis(trifluoromethyl)quinazolinespirohexadienone	Flat Poster	None
179	Matthew Selesko	Tracing the Sand Dunes: Using a Combination of Panoramic Photography and Dune Pins to Track Changes in Michigan's Sand Dunes Over Time	Flat Poster	None
62	Kathryn Shanklin	Hospital Readmission Risk Prediction Models: A Literature Review	Flat Poster	None
251	Andrew Sicard	Computational Modeling of Photomechanical Materials	Flat Poster	None
171	Maxwell Sievers	Electrochemical Quartz Crystal Microbalance and Simplex Optimization Study of Ruthenium-Based Films of 5-amino-1,10-Phenanthroline	Flat Poster	None
207	Logan Sikkenga	Teachers and Children Together, Better Prepared to Teach and Learn: The Impact of the 2015 Summer Enrichment Program	Flat Poster	None
149	Stephanie Simko	Effect of Homocysteic Acid Exposure on NMDA Receptor Expression in Developing Rat Pups	Flat Poster	None
165	Emily Simmons	Who Is It?: Vowel Sound Variation Among African American and European American Children	Flat Poster	None
166	Emily Simmons	Perceptual Differentiation of African American and European American Children	Flat Poster	None
224	Elizabeth Sitterley	The Effect of Runner's Tea on Fat Oxidation in Recreational Runners	Flat Poster	None
92	Kristina Skinner	Testing Antiviral Capabilities of Captopril	Flat Poster	None
87	Ryan Skowronek	Effects of Phthalates on Zebrafish Embryonic Development	Flat Poster	None
222	Andreas Slette	The Durational Effect of Self-Myofascial Release Using a Foam Roller on Range of Motion and Flexibility	Flat Poster	None
27	Cullen Smith	Holland Vietnam Veteran Stories	Flat Poster	Electricity,Extension cord,Additional table
28	Cullen Smith	The Incurability of the Conquered: A Historiography Regarding the Failure of the Protestant Reformation in Early Modern Ireland	Flat Poster	None
116	Glen Smith	Production of Monoclonal Antibodies for VACM-1	Flat Poster	None
152	Hillary Smith	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Hillary Smith	The Impact of Worry on College Students	Flat Poster	None
154	Hillary Smith	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None

Location	Name	Title	Poster	AV Needs
200	Marissa Smith	Assessing Course-Based Research Experiences in Hope College Biology Courses	Flat Poster	None
101	Shannon Smith	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Shannon Smith	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
156	Anna Snyder	Coping with an Interpersonal Transgression: The Impact of Brief Reappraisal, Acceptance, and Rumination Inductions on Forgiveness and Short-Term Emotions	Flat Poster	None
157	Anna Snyder	Adaptive Regulation Strategies in Response to Transgression Rumination: Analysis of Written Responses Following Acceptance or Reappraisal Training	Flat Poster	None
218	Anna Snyder	Level Curves of a Real Algebraic Function	Flat Poster	None
272	Daria Solomon	Pedagogical Content Knowledge: Teaching Fractions	Tri-fold	None
259	Marissa Solorzano	Take a Look at Snail Fever	Flat Poster	Extension cord
88	Adam Standiford	Examining the Effects of Keratan Sulfate on Trigeminal Nerve Growth Cone Behavior In Vitro	Flat Poster	None
192	Daniel Stevens	Investigating the Modified Polyol Synthesis of Tetrahedrite	Flat Poster	None
258	Darien Stimley	Intimate Partner Violence: Cultural Factors and Prevention	Flat Poster	None
16	Samuel Stout	"For the Boys Over There": The 1918 United War Work Campaign	Tri-fold	None
13	Nia Stringfellow	Dancing Through Hope's History	Flat Poster	Electricity, Additional table
89	Katherine Supanich	Toward Understanding Keratan Sulfate Biosynthesis in the Chick Embryonic Cornea	Flat Poster	None
152	Alexander Swain	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Alexander Swain	The Impact of Worry on College Students	Flat Poster	None
154	Alexander Swain	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
181	Kenneth Swift Bird	Investigation of Biochar as a Soil Amendment	Flat Poster	None
121	Laura Teal	Identification of amino acid residues in System xc- that are important in regulating its cell surface expression	Flat Poster	None
261	Titus Theis	Interracial Dating	Flat Poster	None
109	Sarah Thoman	Nurture with Nature: Effects of Nature Learning on Children's Activity Preferences and Animal Knowledge	Flat Poster	None
104	Mariana Thomas	A Legacy of Hope: An Exploration of Emmanuel Cathedral's Engagement with the Anti-apartheid Struggle from 1984-1994	Flat Poster	None
16	Jonathan Tilden	"For the Boys Over There": The United War Work Campaign of 1918	Tri-fold	Extension cord
30	Jonathan Tilden	The Christian Beginnings of the Xhosa Cattle-Killings	Flat Poster	None
101	Tristan Tobias	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Tristan Tobias	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
231	Travis Toia	The Effects of Proprioceptive Neuromuscular Stretching and Plyometric Exercise on Broad Jump Performance.	Flat Poster	None
45	Nola Tolsma	Post Secondary Education Among Foster Care Alumni	Flat Poster	None
46	Nola Tolsma	The Evolution of Vulnerable Children Policy in America	Flat Poster	None
124	Kathryn Trentadue	Carbon-Carbon Single Bond Activation Used for Coupling with Michael Acceptors	Flat Poster	None

Location	Name	Title	Poster	AV Needs
248	Claire Trivax	A Modern Medea: Fitting into a Digital Age and the Methodology Behind Writing a Play	Flat Poster	Electricity,Extension cord,Additional table
122	Meredith Turner	Assigning and Testing Function from Structure of Uncharacterized Proteins	Flat Poster	Electricity,Extension cord,Additional table
182	Miranda Ulmer	What Makes Michigan's Coastal Dunes Migrate? Investigating the Triggers of Dune Mobility in Lake Michigan's Dunes Using a Multi-Proxy Study of Coastal Dune Life	Flat Poster	None
167	Shannon Urbanik	Development of a Novel Method to Measure Per- and Polyfluoralkyl Substances in Paper and Textiles	Flat Poster	Electricity
168	Shannon Urbanik	Development of a Low-Cost, Rapid Screening Method to Measure Per- and Polyfluoroalkyl Substances in Groundwater	Flat Poster	None
29	Allison Utting	Noble Knight or Menacing Pirate? Sir Francis Drake and His Controversial Reputation	Flat Poster	None
156	Anikka Van Eyl	Coping with an Interpersonal Transgression: The Impact of Brief Reappraisal, Acceptance, and Rumination Inductions on Forgiveness and Short-Term Emotions	Flat Poster	None
150	Courtney Van Houzen	Does H2O2 Regulate the Ubiquitination of System Xc-	Flat Poster	None
269	Bradley Van Valkenburg	Synthesis of Near-Infrared Photo Responsive Materials	Tri-fold	None
186	Nathan Vance	Computational Chemistry: From the Phone to the Cloud	Flat Poster	Additional table
214	Allison VanderStoep	Biodensities of Lake Michigan Aquatic Life between 2005 and 2010	Flat Poster	None
181	Kelsey VanEyl-Godin	Investigation of Biochar for Amendment of a Disturbed Urban Soil	Flat Poster	None
115	Philip Versluis	Does Mutation of a Putative Nedd 4-2 Binding Site within the C-terminus of xCT Inhibit its Ubiquitination?	Flat Poster	
260	Jacqueline Villarreal	Poverty and Human Trafficking: The Global Challenge	Flat Poster	None
101	Alexandra Vroom	Isolation of 18 Mycobacteriophages and Genomic Analysis of the Novel Mycobacteriophage Krueger	Flat Poster	None
102	Alexandra Vroom	Isolation of 18 Mycobacteriophages and Genomic Analysis of Mycobacteriophage Phrappuccino	Flat Poster	None
183	Randall Wade	Trace Elemental Analysis of Copper Inclusions in the Portage Lake Volcanics Series of the Keweenaw Peninsula, MI Using Particle-Induced X-ray Emission Spectroscopy (PIXE)	Flat Poster	None
112	Ryan Walters	Religiosity Predicts Body Esteem Beyond General Affect	Flat Poster	None
238	Stephen Waltersdorf	Cervical Spinal Fusion In An Adult Male Recreational Athlete	Flat Poster	None
196	Liping Wang	The "Missing Women" and Gender Income Equality: Evidence from China's One-Child Policy	Flat Poster	None
56	Tuo Wang	Culture and Politics in China	Flat Poster	None
146	Anna Washburn	Gadolinium and Terbium Doped Hydroxyapatite Nanoparticles	Flat Poster	None
206	Lindsay Watkins	Unlocking Literacy: Key Strategies for ELLs with Disabilities	Flat Poster	None
130	Cole Watson	Graham's Conjecture, Lemke Graphs, and Algorithms	Flat Poster	None
270	Skylar Watson	Toyota Crash Safety Experience	Tri-fold	None
264	Matthew Webb	The Impact of the Western Hemisphere Travel Initiative on U.S Travel to Mexico	Tri-fold	None
250	Eric Weeda	Engineering the Future	Flat Poster	None
215	Micaela Wells	A Statistical Analysis of Flow Rate and Turbidity	Flat Poster	None
114	Chloe Werkema	Oxytocin Receptor Gene Variation and Forgiveness: A Study of Traits and States	Flat Poster	None
159	Chloe Werkema	Implicit Desires versus Explicit Standards; What Matters More for Partnering Behaviors	Flat Poster	None

Location	Name	Title	Poster	AV Needs
47	Grace Wiesner	Examining the Overrepresentation of African Americans in the Foster Care System from a Policy Perspective	Flat Poster	None
151	Lucas Wiles	Does Lithium Diminish Manic/Depressive Behaviors in Rats Associated with HCA Exposure	Flat Poster	None
152	Lucas Wiles	The Physiology of Positivity: Implications of Mindfulness, Hope, and Gratitude in Alleviating Worry	Flat Poster	None
153	Lucas Wiles	The Impact of Worry on College Students	Flat Poster	None
154	Lucas Wiles	Grateful Remembering, Present Awareness, and Hopeful Anticipation: An Assessment of Worrying and Mental Health in College Students	Flat Poster	None
15	Joseph Williams	Braveheart: The Role of Films in Historical Storytelling	Tri-fold	None
229	Kathleen Williams	Effect of Different Music Tempo on Balance Performance in Fatigued College Students	Flat Poster	None
257	Trevor Wilson	A [Redacted] Dictatorship	Flat Poster	None
205	Breanna Wisneski	Math and Reading Skills Improvement throughout after school program	Flat Poster	None
206	Breanna Wisneski	Unlocking Literacy: The Key Strategies for ELLs with Disabilities	Flat Poster	None
143	Luke Wisniewski	Ru-thiogluc Displays Greater Anti-proliferative Properties in T47D (Human Breast Cancer) Cell Line than in Human Umbilical Vascular Endothelial Cell Line	Flat Poster	None
85	Carter Wolff	Endophytic Fungi Affects Insect Abundance and Reduces Plant Damage From Sucking Insects	Flat Poster	None
249	Xiaodong Wu	A Designed Multi-sensor System for SLAM on Multiple Robots	Flat Poster	Electricity
95	Alexandria Wubben	Wildlife Use Patterns in a Constructed Wetland	Flat Poster	None
17	Anna Yacullo	Dreadful Old Maids: Jane Austen and the Unmarried Women of Regency England	Tri-fold	None
121	Mason Yoder	Identification of Amino Acid Residues in System xc- that are Important in Regulating its Cell Surface Expression	Flat Poster	None
4	Valerie Zavislak	The Psychology of Politics	Flat Poster	None
259	Anisha Zepeda Moreno	Take a Look at Snail Fever	Flat Poster	None
222	Christine Zhao	The Duration of the Effects of Self-Myofascial Release Using a Foam Roller on Joint Range of Motion and Flexibility	Flat Poster	None
257	Katarina Zomer	A [Redacted] Dictatorship	Flat Poster	None