

★ Opening Program

Gamble Auditorium, Kulas Hall

11:00 am

Opening Brass Fanfare

Performing "Fanfare for Gravity" by Maya Johnson '17

Trumpet: Isaac Hopkins, Riley Conley and Casidy Reed

Percussion: Elizabeth Kahler and Mike Dalaian

Conductor: Jack Buddenhagen

Welcome

President Bob Helmer

BW Beatles

Performing "Got to Get You Into My Life," "Taxman" and "Getting Better"

Vocals: Jason Goldston, Colton Ryan, Jake Slater and Alex Smith

Guitars: Patrick Peralta and Michael Simile

Bass guitars: David Nainiger and Brandon Rosiar

Keyboard: Jason Goldston and Brice Jackson

Drums/Percussion: Robby Lawson and Jesse Penfound

A BW Trustee

Paul Carleton '70, chair of the Board of Trustees

A BW Student: Learning Outside the Classroom

Laura Fredriksen '16

Dance Student Performance

Michael Canada—Class of 2017

Performing "Paul's Monologue" from A Chorus Line

A BW Faculty Member's Support of Scholarly Work

Assistant Professor Michael Garriga

BW Beatles

Performing "Hey Bulldog," "Rocky Racoon" and "Nowhere Man"

Closing Remarks

Provost Steve Stahl

★ Exhibited Projects

Posters and exhibited projects are on display on all three floors of the Boesel Musical Arts Center. (BMAC) Students presenting odd-numbered projects will be available to discuss their projects from noon to 1:30 p.m. Students presenting even-numbered projects will be available from 1:30 to 3:00 p.m.

BMAC, lower level

- 1 Utilizing the Stream Functions Pyramid to determine the functionality of Mirror Valley Creek, Hinckley, Ohio.
- 2 Object and Subject: An Analysis of the Historiography of American Slavery
- 3 The Relationship Between Daily Stresses and Dreams
- 4 An Argument for the Existence of Short-Run Economic Business Cycles: Economic Viewpoints Analysis
- 5 مغامرة مغربية (My Moroccan Adventure)
- 6 Conodonts of the Greater Cleveland Area
- 7 Applications for Phytochemicals in Greenhouse Pest Control
- 8 A Numerical Model of the Central Nervous System for Analysis of Fluid Redistribution Induced by Long Duration Spaceflight
- 9 The Effect of a Two-Week Delay on Radial Arm Maze Errors after 30 days of Exercise in Adolescent Female Rats
- 10 Compiling and Composing Imagery and Music Programs for Use with Psychiatric Clients in a 1:1 Setting
- 11 Modeling the Neurological and Physiological Effects of Lactobacillus Rhamnosus On Adult Mice
- 13 The Use of Exogenous Salicylic Acid to Prime Tomatoes (*Solanum lycopersicum*) for Future Stress
- 14 Dietary behavior-change in mobile pre-meal versus post-meal dietary tracking
- 15 Sandstone and the Origins of Industry in Northern Ohio
- 16 Identifying and Characterizing Bacteria and Archaea of the Venous Leg Ulcer Wound Microbiome
- 17 An Application of Gravity Model
- 18 Smoke Break: The impact of banning clove cigarettes on trade relations between the United States and Indonesia.
- 20 Kingston University 2015 Summer School Program
- 21 Digital Citizenship: Knowing Your Digital Footprint
- 22 Trade Dispute Between the European Union and the United States on US-Tax Incentive of Large Civil Aircrafts
- 23 Spring Amphibian Populations and Vernal Pool Conditions in a Lorain County, Ohio Metropark
- 24 A Statistical Analysis of 2D Path Planning Algorithms : Replication
- 25 Discovering Japan

★ Exhibited Projects

- 26 Minimum Wage and Unemployment: Where Introductory Economics Lies
- 27 The Priming Effect
- 28 Effects of Viewing Fictional Well-Being on Life Satisfaction
- 29 An Analysis of the Relationship Between Income Inequality and Happiness
- 30 Research Project Dispute Analysis on the Export of Rare Earths from China to the U.S.
- 31 Restricted Trade: Quotas on horticultural and animal product effecting trade between the United States and Indonesia
- 32 Mixing Up The Dating Pool: Interracial Couples' Perception of Discrimination in Metropolitan and Nonmetropolitan Communities
- 33 Zeroing in: How does the U.S. practice of zeroing in response to "dumping" affect trade relationships with foreign exporters?
- 34 Chiral Amine Functionalized Ionic Liquids In Organic Synthesis
- 35 The Role of Ambiguity Tolerance and Exposure to the Field in Relation to Perceptions of Psychology as a Scientific Discipline in College-Aged Students
- 55 Female Rats Do Not Discriminate Sucrose from Water as Accurately as Male Rats Despite Showing Similar Asymptotic Performance and Detection Thresholds
- 68 Exploring Gender Differences in Patterns of Recruitment and Support to Terrorist Organizations, Including the Media Portrayal of Female Terrorists
- 105 The Utilization and Effectiveness of the Violence Prevention Program in the U.S. Marine Corps Workplace: Content Analysis and Research Reporting
- 106 The Multisensory Experience: A Future for Contemporary Concert Music
- 149 Analysis of heavy metal contamination of roadside soils

BMAC, first floor

- 36 Mnemonics: The Power of Self-Regulation and Personal Connections
- 37 Verification of Phosphatase and Tensin Homolog (PTEN) Knockdown in the Amygdala of Young Rats
- 38 Analysis of Mitochondrial Diseases and Demonstration of Basic Laboratory Techniques
- 39 The Dilemma of Incidental Findings: Ethics in Genetic Counseling
- 40 The Evolution of *Homo sapiens*: A Look at the Pelvis, the Brain, and Language Development
- 41 The Low-Income Earner's Consumption Response to Positive Income Shocks
- 43 Survey of Artificial Intelligence in Musical Applications
- 44 Bumble Bee Species (*Bombus spp.*) Occurrence and Habitat Disturbance in an Open Field in Northeast Ohio (Lorain County, OH)
- 45 GOTCHA vs. CAPTCHA
- 46 Baldwin Wallace Community Research Institute CRI/ideastream Racism and Segregation Survey

★ Exhibited Projects

- 47 Comparing Approaches for Query Autocompletion" - A Replication Study
- 48 Alternative Breaks: "Justice, Not charity"
- 49 Denial of Service attacks in Competitive Online Gaming
- 50 Understanding Consumer Choice through Ethnic Conspicuous Consumption
- 51 The Adaptiveness of Random Quicksort
- 52 Stigmas and Stereotypes: Exploring the Perspectives of Terrorism in Accordance with 9/11
- 53 Computational Methods in Chord Analysis to Assess Musical Consonance and Dissonance
- 54 The Relativistic Simple Harmonic Oscillator
- 56 WTO Dispute Case 344
- 57 Deficit Spending and Unemployment in the United States
- 58 The Evolution of Witchcraft from Medieval Western Europe to the Present Day
- 59 Analysis of the Redistribution of Wealth and Economic Efficiency
- 60 Detection of Estrogenic Activity in Water Using a Yeast Bioassay
- 61 Synthesis and Nucleophilic Addition to Cyclopentadienone Iron Tricarbonyl Complexes
- 63 Chiral Ionic Liquids Derived From Amino Acids
- 64 Synthesis and Reactions of Cyclopentadienone Iron Tricarbonyl Complexes
- 65 Poly (Lactic Acid) Biodegradation Effects on Compost Quality
- 66 Possible Decrease in the Toxicity of Imidazolium-based Ionic Liquids by the Addition of Hydrophilic Groups
- 67 A Comparison of shortest path algorithms: Dukstra and Astar
- 69 Labor Unions and Unemployment in the United States
- 70 The Effectiveness of Fish Passage through Three Structures into Wetlands around the Western Basin of Lake Erie
- 71 Mozart, Stamitz, and the Clarinet
- 72 WTO Trade Dispute: Philippines - Taxes on Distilled Spirits
- 73 The Pedagogy of Voice: Supply, Demand, and Organization
- 74 Tchoukball
- 75 Dynamics: A Look Behind Closed Doors
- 76 Reconstructing the Historical Vegetation of Cuyahoga County, Ohio
- 124.5 Legalization of Marijuana

★ Exhibited Projects

BMAC, second floor

- 77 Virtual Manipulatives
- 79 Ohio Primary Poll: An Analysis of Political Trends
- 80 Northeast Ohio Interest in Quality of Drinking Water Versus Homeownership
- 81 A Survey of Police-Community Relations in Northeast Ohio
- 82 ideastream® Community Perceptions Survey
- 83 A CRI Study: Economy and Race Relations in Northeast Ohio
- 84 Optimizing School Bus Routes
- 85 Modeling Vapor Intrusion, Not Fashion
- 86 Bus Optimization
- 87 Blossom@BW
- 88 The Personal and Relational Consequences of Subtweets in Friendships: An investigation of subtweets using the partner accommodation model
- 89 Intimate Partner Violence on College Campuses: A Study on the Intention to Report Episodes of Witnessed Violence
- 90 Intentional Plagiarism among College Students: An Extension of the Theory of Planned Behavior
- 91 Constructivist Teaching in a Math Classroom
- 92 Microbial Fuel Cells
- 93 Expression and Purification of Human Peptidylarginine Deiminase II
- 94 Day of Play
- 95 Explicitly Unpaired Extinction Eliminates Snack Food Seeking Behavior in Rats
- 96 Analysis of heavy metal contamination of roadside soils
- 97 Measuring the mutagenic effects of ethidium bromide
- 98 Determining the Effectiveness of Sunlight Protection Factor on Ultraviolet-Sensitive *Saccharomyces cerevisiae* Strain G948-1C/U
- 99 Measuring the Rate of Plasmid Loss in *E.coli*
- 100 Relative Fitness of *Xenopus TFIIB* Expression in Yeast
- 101 Benefits of and Ways to Include Nature in Early Childhood Education
- 102 The Development of a Health Survey Tool for Chronic Disease Management
- 103 A Proposal for Health Literacy Within the Conservatory of Music
- 104 Grant Proposal Project: The Impact that Civic Engagement and Leadership Opportunities have on Youth and their Communities
- 107 Population Estimate of White-Tailed Deer in the Cleveland Metroparks Based on Microsatellite Genetic Diversity
- 108 The Relationship Between Apoptotic Events and Common Pain Relief Drugs in *Euglena gracilis*
- 140 The Next Frontier in Virtual Reality

★ Oral Presentations and Performances

BMAC 006

12:00-12:15	113	La Llorona as a Symbol of the Mestizo Culture: The Duality of the “Weeping Woman” during the early Spanish explorations in Mexico.
12:20-12:35	114	Does friction massage decrease pain and disability in people with nonspecific low back pain?
12:40-12:55	115	Studies of Gender, Subjectivity, and Political Identity in Latin American literature in the 20th and 21st Century
1:00-1:15	116	Shoes, Hugs & Kisses: USA vs Guatemala
1:20-1:35	117	USA Expectations and Reality: Perspective from a Burkinabé Student
1:40-1:55	118	A Day in the Life of a Study Abroad Student
2:00-2:15	119	Composing a Chopinesque Nocturne
2:20-2:35	120	Sculpture/ Tree of Life
2:40-2:55	134	Make America Hate Again? An Ethical Challenge to Nationalism

BMAC 211

1:00-1:15	122	The Development of Secondary Emotions in Children
1:20-1:35	130	Super Bowl: More Than A Game
1:40-1:55	132	Shared Space and Jay Walking
12:00-12:15	121	Meta-Analysis of the Scared Straight Program
12:20-12:35	123	The Effect of Industrial Development on the Zoonotic Disease Trend in Northeast Ohio
12:40-12:55	125	The Adverse Impact of American Consumerism on Chinese Children
2:00-2:15	129	Digital Marketing Clinic Medina Creative Housing
2:20-2:55	128	Living Well Medina County – a Center for Innovation & Growth Project

Fynette-Kulas Hall

1:00-1:15	141	Mendelssohn String Quartet in e minor
1:20-1:35	142	Dvorak “American” Quartet Performance
1:40-1:55	145	Brahms Horn Trio Op. 40
12:00-12:15	135	What Makes a Myth? The Story of the Giant and the Edge of the World
12:20-12:35	138	Found In Translation
12:40-12:55	139	“Nada Que Perder”
2:00-2:15	146	Earth Melodies: Original Compositions for Use in Imagery and Music
2:20-2:35	147	Debussy Sonata for Flute Viola and Harp

★ Oral Presentations and Performances

Kadel Vocal Hall

1:00-1:15	126	Brain Student Fellowship: Social Change Model of Leadership (Part 1)
1:20-1:35	126.5	Brain Student Fellowship: Social Change Project (Part 2)
1:40-1:55	131	Reimagining Landscape on Campus
12:00-12:15	143	Lost Wax Casting
12:20-12:35	136	Let's Just Laugh It Off
12:40-12:55	124	Legalization of Marijuana
2:00-2:15	127	Humanities at Work Internship Program
2:20-2:55	133	Biomimicry: Ideas for Water Capture, Distribution & Storage Inspired by Nature

BMAC 241

12:40-12:55	110	Campus Climate Focus Group
1:00-1:15	111	From Childbearing Object to Enlightened Subject: (Re)claiming Knowledge as an Essential Aspect of Female Identity in Sor Juana's the Answer
1:20-1:35	112	Preconception Nutrition
1:40-1:55	137	Heritage Manipulated into Metal

★ Student Participants

To locate a student presentation, find the project number on the indicated page of this program.

Student	Area*	Project	Page	Student	Area*	Project	Page
Ashley Abraham	Music	119	6	Hannah Bowie	NatSci	60	4
Vanessa Adu-Gyamfi	SocSci	22	2	Hannah Bowie	Multi	131	7
Vanessa Adu-Gyamfi	Exp	128	6	Samuel Bradley	Hum	90	5
Pamela Agasaro	Multi	126	7	Ryan Bratsch	Multi	124	7
Aziz Ahmad	SocSci	80	5	Emily Briner	Hum	75	4
Katherine Alloway	Hum	58	4	Sarah Broehm	Hum	127	7
Areej Amer	Exp	104	5	Haley Brown	NatSci	47	4
Jenna Andreas	Bus	140	5	Haley Brown	Multi	102	5
Carlynn Arthur	SocSci	82	5	Elisabeth Bruckner	Music	141	6
Joe Baker	SocSci	132	6	Elisabeth Bruckner	Music	142	6
Sarah Ball	Music	142	6	Erin Bryant	NatSci	96	5
Addie Balon	NatSci	108	5	Erin Bryant	NatSci	149	3
Rachel Bansek	NatSci	98	5	Abigail Bucher	Hum	136	7
Joshalyn Barba	Hum	120	6	Trevor Buda	Hum	75	4
Josh Barsa	SocSci	79	5	Trevor Buda	Hum	139	6
Harley Beese	SocSci	36	3	Jennifer Burdick	NatSci	86	5
Michael Beidleman	SocSci	29	3	Tyler Cajka	Grad	87	5
Elise Bigley	Multi	124	7	Martin Cantera	Multi	126	7
Brittany Biro	NatSci	44	3	Mikayla Canterbury	Hum	127	7
Brittany Biro	NatSci	100	5	Keanna Cayson	SocSci	79	5
Sadie Black	NatSci	92	5	Ben Chase	HPESS	74	4
Tammy Blankenship	Multi	131	7	Elizabeth Cherry	NatSci	85	5
Sydney Bleyl	Hum	115	6	Elizabeth Cherry	Hum	134	
Sydney Bleyl	Multi	126	7	George-Paul Cicarlan	SocSci	79	5
Sierra Bode	NatSci	70	4	Sydney Clark	Exp	128	6
Matthew Boone	SocSci	132	6	Kasey Clouse	SocSci	132	6
Darius Bordea	SocSci	56	3	Erika Coble	Multi	131	7
Darius Bordea	SocSci	57	3	Nathan Cole	SocSci	80	5
Darius Bordea	NatSci	84	5	Tyler Collins	Hum	75	4
Yaa Bosompim	Multi	102	5	Ta'Lasia Colvin	Multi	126	7
Rachael Bowers	Multi	124	7	Michael Comiono	SocSci	83	5
Paul Koehler	HPESS	130	6				

*Bus=Business, Edu=Education, Exp=Experiential Learning, Grad=Graduate Level, HPess=Health, Physical Education and

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Student	Area*	Project	Page	Student	Area*	Project	Page
Scott Constantine	NatSci	37	3	Pete Fittante	NatSci	67	4
Kristi Cornett	Hum	127	7	Christen Ford	NatSci	24	2
Sydney Crago	Multi	135	6	Lauren Fredriksen	Multi	9	2
Savanah Craig	NatSci	107	5	Hannah Fredriksen	Multi	9	2
Casey Crawford	Bus	133	7	Alex Fulton	NatSci	107	5
Margaret Currie	Hum	127	7	Douglas Ganim	Bus	140	5
Amanda Curry	Hum	143	7	Devan Gelle	Exp	118	6
Corey Dailey	HPESS	14	2	Yaasmance George	Hum	88	5
Eric Dalton	HPESS	130	6	Jared Gepperth	Hum	143	7
Georgiana Dan	SocSci	27	3	Emily Getts	Edu	21	2
Ne'Aira Davis	NatSci	98	4	Bruck Gezahegn	NatSci	123	6
Nora DeMiltia	Hum	75	4	Kristen Giesler	SocSci	68	4
Rachel Detweiler	Edu	101	5	Nicholas Giralico	Music	145	6
Hayden DeYoung	NatSci	16	2	Christin Godale	NatSci	8	2
Alison Dickson	Hum	143	7	Christin Godale	NatSci	108	5
Sarah DiMarco	Hum	75	4	Greg Good	Music	106	3
Dragan Djakovic	Multi	126	7	Meloney Grant	NatSci	100	5
Alexa Donnor	Bus	140	5	Jessica Grasso	Exp	104	5
John Donovan	NatSci	107	5	Rachel Green	Multi	124	7
Sarah Doppelheuer	SocSci	31	3	Rachel Green	Bus	140	5
Matt Eaton	SocSci	82	5	Melissa Greenwood	NatSci	65	4
Amber Eckert	Music	145	6	Melissa Greenwood	Multi	131	7
Taylor Elias	NatSci	97	5	Josiah Greve	Edu	77	5
Christian Ellis	Hum	15	2	Amy Griffin	Multi	124	7
Winston Eng	Hum	143	7	Alyssa Grygiel	NatSci	38	3
Tia Ebsenbleshade	Hum	88	5	Alyssa Grygiel	SocSci	39	3
Erik Fehlan	SocSci	79	5	Allysa Grygiel	NatSci	92	5
Hope Fierro	Multi	126	7	Jordan Haidet	Grad	87	5
Jake Finley	Bus	140	5	Preston Hamill	SocSci	95	5
Chelsea Finney	NatSci	100	5	Henry Hammond	Exp	20	2
James Firak	Multi	124	7	Henry Hammond	NatSci	61	4
James Firak	Bus	140	5	Max Hanks	Music	146	6
Hayle Fisher	SocSci	35	3	Jackson Hanna	NatSci	7	2

Sport Sciences, Hum=Humanities, Multi=Multidisciplinary, Music=Music, NatSci=Natural Sciences, SocSci=Social Sciences

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Student	Area*	Project	Page	Student	Area*	Project	Page
Nicholas Hanson	Hum	90	5	Natalie Kreft	Hum	75	4
Nathan Healey	SocSci	18	2	Sarah Krul	NatSci	93	5
Nathan Healey	Bus	140	7	Katelyn Kuhajda	Hum	88	5
Alysa Hellisz	NatSci	23	2	Stephanie Kumler	Hum	89	5
Alysa Hellisz	NatSci	97	5	Jamie Kunselman	Music	146	6
Peter Henkels	Multi	103	5	Jonathan Kuss	Multi	131	7
Jacob Hill	Music	146	6	Ben LeBrun	SocSci	81	5
Liz Hiros	Multi	126	7	Allison Lehky	NatSci	66	4
Sean Hoehn	NatSci	86	5	Jacob Locik	NatSci	45	3
Kelly Hoye	SocSci	46	3	Tessa Louche	Multi	124	7
Kelly Hoye	SocSci	79	5	Margaret Loughlin	HPESS	114	6
Laura Hruska	Hum	90	5	Jerri Lugo	Music	146	6
Michael Hruska	Grad	113	6	Jerri Lugo	Music	147	6
Michael Hruska	HPESS	122	6	Brandon Lumsden	Edu	77	5
Christopher Huebler	NatSci	85	5	Devan MacDonald	SocSci	26	3
Meredith Hurdock	Music	146	6	Gabriel Mahaney	Multi	102	5
Sara Huston	Music	146	6	Tylor Mahany	NatSci	76	4
Jillian Iurlano	Music	146	6	Jacqueline Makowski	NatSci	98	5
Tom Jackson	Bus	140	5	Sara Mansbach	NatSci	40	3
Callie Jakuszeit	NatSci	92	5	Aaron Marrero	SocSci	72	4
Jeffrey Jaskolka	Music	145	6	Lyndsey Marshall	NatSci	86	5
Brianna Johnson	SocSci	83	5	Lisa Martin	SocSci	105	3
Kyle Johnston	Multi	126	7	Emily Matherne	NatSci	13	2
Jasz Joseph	Bus	129	6	Molly Mathews	Multi	124	7
Jennifer Jouriles	Hum	111	7	Allison Matia	Multi	55	3
Jennifer Jouriles	Bus	140	5	Erik May	Edu	77	5
Nathan Katz	NatSci	99	5	Sarah McCafferty	Hum	143	7
Laura Keating	SocSci	32	3	John McColley	Music	147	6
Kiara Kennelly	Hum	75	4	Kasey McGee	SocSci	121	6
Ashley King	Multi	125	6	Devin McNulty	Multi	48	4
Angelina Kinney	Edu	91	5	Judy Mehalic	Exp	128	6
Hilary Klenjoski	NatSci	98	5	Rhea Mendiratta	NatSci	34	3
Hadden Klima	Hum	2	2				

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Student	Area*	Project	Page	Student	Area*	Project	Page
Rachel Metcalf	SocSci	80	5	Sarah Porter	Music	71	4
Callie Miles	Multi	138	6	Sara Porter	NatSci	84	5
Mike Miller	Exp	128	6	Kali Potopsky	NatSci	99	5
Gilbert Montague	Hum	75	4	Bryan Powell	Multi	126	7
Wyndi Moore	Exp	104	5	Sarah Price	Hum	75	4
Wyndi Moore	SocSci	132	6	Andrew Quandt	Edu	77	5
Erica Morgan	NatSci	97	5	Pranav Rajouria	Multi	124	7
Katie Morrow	Music	142	6	Shabree Rawls	Hum	137	7
Taylor Mosbarger	SocSci	95	5	Peter Ribar	Hum	75	4
Olivia Murphy	SocSci	52	4	Stephen Rieger	Music	73	4
Brian Musial	NatSci	63	4	Dirk Riemenschneider	Bus	133	6
Ashley Nagel	Hum	143	7	Kyle Ringler	SocSci	50	4
Tessa Newbacher	Bus	129	6	Kyle Ringler	SocSci	80	5
Arlayna Newcomer	Multi	125	6	Aaron Ruminski	NatSci	49	4
Taylor Neylon	Multi	126	7	Madeline Russell	NatSci	64	4
Elodie Nonguierma	NatSci	96	5	Keri Russell	SocSci	81	5
Elodie Nonguierma	Exp	117	6	Nathan Sabo	NatSci	76	4
Suzanna Noviski	Bus	33	3	Nathan Sabo	SocSci	95	5
Ruby Nowakowski	Music	10	2	Lincoln Sandham	Music	146	6
Ruby Nowakowski	Music	146	6	Pedro Sandoval	Exp	116	6
Devin O'Donnell	Multi	131	7	Pedro Sandoval	Multi	124	7
Nathan Onchuck	NatSci	92	5	Giuliana Scavone	Exp	25	2
Nathan Onchuck	Multi	131	7	Giuliana Scavone	SocSci	83	5
Stephen Osborn	NatSci	43	4	Sara Schaffer	Multi	131	6
Stephen Osborn	Multi	102	5	Magdelena Schermaier	Multi	124	7
Jennifer Oxley	Music	146	6	Benjamin Scott	SocSci	30	3
Antonio Paris	SocSci	110	7	Liz Scozzaro	Multi	125	6
Corina Pavel	SocSci	80	5	Xavier Seavers	Multi	48	4
Julie Payner	Grad	87	5	Kavita Shankar	Music	141	6
Jen Pease	Bus	129	6	Brandon Shipley	NatSci	54	4
Alana Perez	Multi	102	5	Brandon Shipley	NatSci	86	5
Karleigh Pluta	SocSci	17	2				
Karleigh Pluta	NatSci	84	5				

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Student	Area*	Project	Page	Student	Area*	Project	Page
Michael Simile	Multi	103	5	Brooke Turner	Hum	75	4
Maddie Slusher	Multi	124	7	Brooke Turner	Hum	139	6
Zachary Sluzala	Multi	124	7	Kyle Tyson	SocSci	82	5
Emily Small	Music	141	6	Billy Vaccariello	SocSci	81	5
Johanna Smith	Grad	87	5	Ryan Vadini	SocSci	83	5
Nancie Somrak	HPESS	112	7	Evan Van Orman	NatSci	6	2
Simone Songer	Multi	124	7	Sherrie Wagner	Edu	91	5
Daniel Sparks	SocSci	83	5	Claire Watts	Multi	131	7
Daniel Sparks	Hum	88	5	Bradley Weeder	Multi	138	6
Johnathon Spilker	NatSci	85	5	Chloe Wehner	Music	142	6
Hannah Stater	Multi	124	7	Krista Weidner	HPESS	74	4
Caroline Stephenson	Music	146	6	Therese West	Music	141	6
Anthony Steward	Multi	103	5	Kristen Whitlatch	Hum	89	5
Tate Stoll	SocSci	59	4	Kristen Whitlatch	Multi	126	7
Tate Stoll	NatSci	85	5	Adeleine Whitten	Multi	124	7
Sydney Stone	SocSci	4	2	Sierra Wick	NatSci	1	2
Conor Stump	SocSci	81	5	Cole Winner	SocSci	69	4
Zainab Suleiman	NatSci	11	2	Emily Wronski	Multi	138	6
Ricky Surdy	NatSci	93	5	Rick Wulff	SocSci	82	5
Michael Syvuk	SocSci	41	3	Sarah Wyss	SocSci	82	5
Mike Syvuk	SocSci	81	5	Zitong Xu	NatSci	85	5
Kristen Szutkowski	Edu	101	5	Sarah Yeates	Music	147	6
Daniel Telford	Hum	75	4	Caleb Young	NatSci	51	4
Kristen Thomas	NatSci	99	5	Caleb Young	Edu	77	5
Kevin Thompson	NatSci	84	5	Jonathan Young	Multi	138	6
Hannah Toberman	Exp	5	2	Remy Yovanno	NatSci	53	4
Hannah Toberman	Multi	102	5	Ciara Zale	HPESS	94	5
Allison Tura	Hum	127	7	Madeline Ziccardi	HPESS	94	5
Alex Turner	SocSci	3	2	Michelle Zieske	Hum	89	5
				Elana Zollars	SocSci	28	3

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