

For best display, print on legal size paper

Start	End	Knight Session1	Rush Session 2	Hickman Session 3	Peelle 207 Session 4	Jones 204 Session 5
		Crossing Boundries	Caring for Humanity	Learning Throughout a Lifetime	Thinking Critically	Developing Creativity
		Moderator: Victor Liberi	Moderator: Bryant Haines	Moderator: Stephanie Jass	Moderator: Nathan Goetting	Moderator: Suzanne Helfer
9:05	9:25	Perry Kuipers	Alemena Welker, Heidi Roberts	Gabriel Holdwick	Megan Pavlak	Jennifer Perrin, Ryan Smolinski, Elysia Norris, Ryan Eff, Kody Turner-Schimmel, Amanda House
		Alan Von Herrmann Game Theory in Political Science	James Hanley Health Communication in Nicaragua	Michael Claus and Noelle Keller The History of Alcohol Policy at Adrian College	Bryan Bott Johnny's Boys: One Man's Rise to Controlling Media Relations	Patrick Quinlan State Farm: A Creative Marketing Campaign for 2010
9:30	9:50	Sarah Jackson	Chelsea Easter	Neal Mossing	Brandon Dickinson	Michael Fisher
		John Eipper Psychoanalysis in Argentina: The history and reason behind the trend	Nathan Goetting Race and the Revolutionaries: How Racial Identity has Determined the Legacy of Nat Turner and John Brown	Elizabeth Lamprecht Development of Calculus	Adam Coughlin Health benefits of choosing a physically active outdoor recreation program	Alan Von Herrmann Computer Graphics: An Advanced Application of Linear Algebra
		Session 6	Session 7	Session 8	Session 9	Session 10
		Thinking Critically	Thinking Critically	Caring for Humanity	Thinking Critically	Thinking Critically
		Moderator: Scott Elliott	Moderator: Paul Rupert	Moderator: Seth Knox	Moderator: Jane McCloskey	Angie Lewis
10:05	10:25	Amanda Liske	Jeremy Sell	Kandice Karll	Matt English	Jessica Grubbs
		Philip Howe Individual Sovereignty verses Collective Action: The Problems of the League and the UN	Sarah Hanson Analysis of Bubble Sizes in Vesicular Basalt from the Bonito Lava Flow, Sunset Crater National Monument, Arizona	Jim Martin Monitoring of Evans Creek for Enteric Bacteria	James Hanley A Case Comparison in Domestic Terrorism: Northern Ireland and Palestine	Tina Claiborne Comparison between Kinesio tex tape and Elastikon elastic tape on upper trapezius inhibition
10:30	10:50	Jalisha Belle	Creedence Hoffman	Jessica Saunders, Emily Engel, Joesph Oh, Mary Messing, Brantz Brandenberger	Nick Siekirk	
		Patrick Quinlan Creative Execution and Perception of African American Brands	James Hanley A Critical Reevaluation of the Six Day War	James Hanley A Comparison of Nicaraguan and American Children	Adam Coughlin Comparison of DI and DIII pre-season physiological testing of women's basketball players' freshmen years	

Start	End	Knight Session 11	Rush Session 12	Hickman Session 13	Peelle 207 Session 14	Jones 204 Session 15
		Caring for Humanity	Learning Throughout a Lifetime	Crossing Boundries	Thinking Critically	Thinking Critically
		Moderator: Terry Jackson	Moderator: Tina Claiborne	Moderator: Antonis Coumoundouros	Weiqun Zhang	Bryan Bott
11:05	11:25	Emily Domschot, Terra Campbell, Katrina Wotten, Bri Gribble Carissa Massey Women Michigan Artists Website	Amanda Arnold Michael Claus A Quantitative Look at Cherry-Infused Vodka	Alemena Welker Don Cellini Health Promotion in Nicaragua	Ryann Eff Patrick Quinlan Over the Counter Drugs" Consumer Study: Baby Boomers vs. Generation X.	Greg Bartosch Sheri Bleam Critical Evaluation of John Huston
11:30	11:50	Nicholas Satterfield James Hanley Water Quality in Managua, Nicaragua	Chelsea Easter Idali Felicianco The Use of the "N" Word in American Literature	Matt Stiller Stephanie Jass The Star Literary Society of Adrian College: Proto-Progressivism, Asa Mahan, and the Politics of Abolition, 1859-1872	Perry Kuipers James Hanley Congressional Cost of Living Adjustments	Jackson Hanks Adam Coughlin Max overload training the plasticity of the human body: a case study
12:00	1:20	Lunch: Adrian-Tobias Room (Presenters, Mentors, Moderators, and Invited Guests)			12:45-1:20: Meditation--Mahan Dance Studio	
		Session 16	Session 17	Session 18	Session 19	Session 20
		Thinking Critically	Thinking Critically	Caring for Humanity	Thinking Critically	Developing Creativity
		Moderator: Greg Thompson	Moderator: Ali Alamdari	Moderator: Pete Ford	Moderator: Marti Morales	Moderator: Annissa Morgensen-Lindsay
1:30	1:50	Gabriel Holdwick Paul Rupert To Err is Human, to AIR Divine: Unlocking the Secrets of Wine Aerartion Using Analytical Chemistry	Amanda Liske Stephanie Jass The Forgotten Aspect of World War II: The Point System of Discharge	Anna Pasternak James Hanley Plantains and Coke: The effects of the "Nutrition Transition" in Nicaragua.	Valerie Smith Adam Coughlin Comparison of mechanically and electromagnetically braked cycle ergometers for three different modes of Wingate anaerobic testing	Debi Batey Catherine Royer Techniques used in creation of the series "Mental Illness"
1:55	2:15	Jacob Denig Sarah Hanson Eruptive History of Western Wupatki Cinder Cones, Northern Arizona	Amy Dygert Robin Bott Shakespeare's Characterization of Richard III	Jeremy Sell Jim Martin Comparative Survey of Insect Family Distribution in Three Lenawee County Communties	Catherine Griebe James Hanley Impact of Sarah Palin on the Public's Perception of Women in Politics	Joseph Hart, Ryan Eff, Lauren Fabian, Nick Siekirck Jennifer Ellsworth Downs Hall Ornament Project: An Entrepreneurial Venture

Start	End	Knight Session 21 Thinking Critically Moderator: Kristina Schweikert	Rush Session 22 Caring for Humanity Moderator: Adam Coughlin	Hickman Session 23 Thinking Critically Moderator: Danielle Ward	Peelle 207 Session 24 Crossing Boundries Moderator: Agnes Caldwell	Jones 204 Session 25 Thinking Critically Moderator: David Coy
2:30	2:50	Benjamin Kaczmarek Sarah Hanson Geochemical Analyses of the San Francisco Volcanic Field	Gabriel Holdwick, Adam Hull James Hanley "Let the Light Shine": A Nicaraguan Medical Mission Through Film	Robert O'Meara Sheri Bleam Critical Analysis of Alfred Hitchcock	Josh Emington Gordon Hammerle Adrian Sexual Opinion Survey	Adam Czerkes Adam Coughlin Comparison of measured vs. estimated resting metabolic rates using a metabolic cart and Bodpod estimation
2:55	3:15	Nicholas Hemmingsen Nathan Goetting Constitutional Limits on the Right to Free Speech During Wartime	Sarah Henry Garin Horner Project: Eyes of Adrian	Nicholas Satterfield, Jeremy Carpenter Paul Rupert The Analysis of Wine Jellies	George Mathis Bryan Bott Japanese Eroge: the Leap From Mario to Battle Raper	Renae Blough Adam Coughlin Comparison of physiological responses due to varying cycle cadences at different workloads

3:30	3:50	Session 26 Thinking Critically/Developing Creativity Moderator: Sarah Hanson Cleary Murphy
3:55	4:15	James Spense Parfit contra Hare: The Possibility of Moral Synthesis Nathan Cassidy Alan Von Herrmann Cryptography: The Mathematics Necessary to Keep a Secret

3:30	5:30	Knight Session 27 Caring for Humanity Moderator: Gordon Hammerle Emma Donelson Carissa Massey The Vagina Monologues	Rush Session 28 Crossing Boundaries Moderator: Michael McGrath Model Arab League Classes Philip Howe and David Takitaki MAL Demonstration	Session 29 Art Exhibits Peelle Hall, 3rd Floor Inspirations from Argentina Sea the Last Days Exhibition Flora Contemplating Flowers Intertwined Purrrfect Persuasion Personalities Pieces and Diagrams Life Unnatural Balance Becoming Stranger Stubnitz Art Gallery Significant Moments Portraiture of Superheroes Archipelago: A World in Miniature	Bryana Dennis Ashley Deuschle Ashley Dixon Emma Donelson Sarah Evans Alecia Garrow Niki Gniech Anne Goetz Ashlee Hill Sarah Muylle Julia Peterson Lora Randolph Anna Pasternak Jillian Brown Andrew Jones	Catherine Royer Catherine Royer Catherine Royer Pi Benio Pi Benio Catherine Royer Catherine Royer Pi Benio Pi Benio Pi Benio Pi Benio Catherine Royer Pi Benio Catherine Royer Pi Benio	Caring for Humanity and the World Caring for Humanity and the World Learning Throughout a Lifetime Developing Creativity Developing Creativity Developing Creativity Developing Creativity Crossing Boundaries and Disciplines Developing Creativity Developing Creativity Developing Creativity Caring for Humanity and the World Developing Creativity Developing Creativity Developing Creativity
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5:30 6:45 Session 30

Poster Session and Honors

Reception

Adrian Tobias-Room

A Comparative Investigation of Mi	William Coy	Thinking Critically	Paul Rupert
Rehabilitation of the Anterior Cruc	Lindsay Baic, Nicole Zynda	Caring for Humanity and the World	Victor Liberi
Beliefs about alcoholism as a dise	Amanda Henderson	Caring for Humanity and the World	William Tregoe
Concussion Rehabilitation: How S	Robyn Denney	Developing Creativity	Victor Liberi
Economic Policies of Presidents	Orlo Yeagley	Thinking Critically	James Hanley
Depreciation of Health Care in Nic	Matt Thomas, Mike Barbati, Vin	Caring for Humanity and the World	James Hanley
Hostile Sexism in Mexico: Spanis	Ashley Bugeja	Crossing Boundaries and Disciplines	John Eipper
The Basics of Hydrotherapy	Coralyn Grant, Katelyn Tuck	Thinking Critically	Victor Liberi
Influential Factors on Food Choic	Bryana Dennis	Thinking Critically	Suzanna Helfer
Inversion Ankle Sprain with Media	Alyse Exelby, Prenella Semma	Caring for Humanity and the World	Tina Claiborne
Lisfranc Injury	MaryKnudson	Developing Creativity	Victor Liberi
Obesity and Mitochondrial Functio	Adam Hull	Caring for Humanity and the World	Michael Claus
Parenting Styles, Homesickness,	Sarah Jackson	Thinking Critically	Suzanna Helfer
Rehabilitation of a Ruptured Achill	Erin Laske, Eric Suttie	Thinking Critically	Victor Liberi
The Effects of Training through Vi	Ashley Bugeja	Thinking Critically	Suzanna Helfer
The psychological aspect of Injury	Jessica Grubbs	Learning Throughout a Lifetime	Victor Liberi
Tommy John Rehabilitation	Joe Flater, Mike Tighe	Thinking Critically	Victor Liberi
Seeing the Big Picture: Art Educa	Anna Pasternak	Thinking Critically	Carissa Massey
Non-Nutritive Sweeteners	James Zokoe, Jr.	Thinking Critically	Michael Claus
Poincare and Perelman: The	Creedence Hoffman	Developing Creativity	
Conjecture			Lakshmi Dalwalla