

Idaho State
UNIVERSITY

GRADUATE STUDENT RESEARCH DAY

2015

Saturday, March 14
Oral Presentations

10:00 a.m. - 11:20 a.m.

Themes

- Pedagogy & Writing in Multiple Modes
- Psychology & Health
- History & Society

11:30 a.m. - 12:35 p.m.

Themes

- Natural Sciences & Environmental Studies
- Narrative & Analysis
- Pedagogy & Online Tools

Monday, March 16
Poster Presentations

Posters Available to View

3:00 p.m. - 6:00 p.m.

Presenters Available:

Pedagogy, Politics, & Praxis

3:00 p.m. - 4:30 p.m.

Research Across the Sciences

3:30 p.m. - 5:00 p.m.

Biological & Environmental Studies

4:00 p.m. - 5:30 p.m.

Mental, Physical, Social, & Emotional Health

4:30 p.m. - 6:00 p.m.

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PRESENTATION SYMPOSIUM ~ Saturday, March 14
Session I

Each presentation will be 10 minutes with 2 minutes afterwards for Q&A

Pedagogy & Writing in Multiple Modes	10:00 a.m. - 11:20 a.m.	Rendezvous A
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Authors	Title
Borrenpohl, Teresa	Borrowing for the future: Student Perceptions of Lending Commitment
Brumfield, Amy	The Mathematical Model of Writing
Johnson, Forrest	Repealing the Laws of Perspective: Narrative Focalization in Calvin and Hobbes
Samuelson, Richard	Constructive Engagement: Second Life in the Composition Classroom
Smith, Diantha	What We See and What We Get: Incorporating Visual Literacy into Literature Courses Through Film Adaptations

Psychology & Health	10:00 a.m. - 11:20 a.m.	Rendezvous B
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Authors	Title
Bhattarai, Kushal; Pope, Chad; Andrus, Jason; Abdullah, Alomani; Abraham, Chupp; Mason, Jaussi	Stochastic Calculation of Radioactive Material Release Dose Consequences
DeCou, Christopher; Cole, T. T.; Matthews, K. C.; Lynch, S. M.; Wong, M.	Assault-Related Shame Mediates the Association Between Reactions to Social Disclosure and Psychological Distress
Jones, Britnie; Moffit, Dani	Avulsion Fracture of the Gracilis in an Adolescent Swimmer
Tupy, Samantha; Xu, Xiaomeng (Mona); Siddall, Shell; Correll, Danielle; Jerskey, Beth; Poppas, Athena; Cohen, Ron; Sweet, Lawrence	The Relationship Between Quality of Life and Left Ventricular Ejection Fraction in Adults
Wucinich, Michael; Cripe, Gary; Johnson, Daclynn; Phelps, Paula; Sparrell, Marvin; Piland, Neill; Page, Jenna	When To Question Indigestion: A Case Presentation And Application of Evidence Based Practice Regarding Gastroesophageal Reflux Disease Diagnosis, Treatment, & Progression

History & Society	10:00 a.m. - 11:20 a.m.	Rendezvous C
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Authors	Title
Brewer, Adam; De Sy, Carine	The Social Construction of the US - Canada Border: Narrative Characters as Presented on YouTube
Hathaway, William	Idaho's Criminal Syndicates Act: Swatting at Gadflies
Hunt, Kristine	Bungalows and Occupation: Pocatello, 1900-1930
Sorensen, Michael	The Keystone of Judicial Empowerment: Judicial Independence in Spain, Chile, and Peru
Williams, Nate	Tramps Starving for Coal; Coaling Stations of the Pacific in the Age of Steam, 1884-1900
Blair, Bruce	United We Stand, Divided We Fall: The Impact of Cohesion on Ratification Duration

PRESENTATION SYMPOSIUM ~ Saturday, March 14

Session II

Each presentation will be 10 minutes with 2 minutes afterwards for Q&A

Natural Science & Environmental Studies

11:30 a.m. -12:30 p.m.

Rendezvous A

Authors	Title
Moler, Ehren; Aho, Ken	Culture-Independent Analysis of Fungal Symbionts in Whitebark Pines
Rasmussen, Ashelee	Creating a Digital Interface for Botanical Resources
Schwabedissen, Stacy; Reed, Sasha; Sheridan, Peter; Magnuson, Timothy; Lohse, Kathleen	Climatic and Grazing Controls on Biological Soil Crust Nitrogen Fixation in a Semi-Arid Ecosystem
Tennant, Christopher; Crosby, Benjamin; Godsey, Sarah; VanKirk, Robert; Derryberry, DeWayne	A Simple Framework for Quantifying Warming-based Snowpack Declines at the Landscape Scale
Zorio, Stephanie D.; Williams, Charles F.; Aho, Ken A.	65 Years Of Vegetation Change in the East River Basin, CO

Narrative & Analysis

11:30 a.m. -12:30 p.m.

Rendezvous B

Authors	Title
Barrett, Corinna	Transferring Terror from Page to Screen: Robert Bloch's and Alfred Hitchcock's Takes on Psycho
Ward, Emily	Traumatic Dreaming with Chaucer: Exploring the Possibilities and Limits of Trauma Theory in Chaucer's Book of the Duchess
Riley, Michael	Twenty-First-Century Asymmetric Warfare: An Analysis of the Narratives Concerning President Barack H. Obama's Responses to Chemical, Nuclear, and Biological Threats
Reiman, Elizabeth	It's Time to Grow Up: Liminal Rites of Passage in Pan's Labyrinth and The Amber Spyglass
Ricken, Kelly	The Writing Cure and WWI Dream Poetry

Pedagogy & Online Tools

11:30 a.m. -12:30 p.m.

Rendezvous C

Authors	Title
Binmahfooz, Amani	Faculty as Instructional Designers
Colman, Douglas E.; Vineyard, Jared; Ward, Dolan; & Letzring, Tera D.	Beyond General Demographics: Participant Characteristics to Consider when Utilizing Crowdsourcing Techniques
Duff, Kandi	Keeping the Best and Brightest: Why are American Students Shunning Math and Science Majors?
Richardson, Rick, T.	Using a Tangible User Interface to Enhance Three Dimensional Geovisualization Through Cognitive Load Reduction: A Pilot Study Contributing to the Dissertation Submission for a Ph.D. in Instructional Design at Idaho State University
Romrell, Danae	The Multidimensional Instructional Efficiency of Worked Examples

12:40-1:30 p.m.
NETWORKING LUNCH

Sponsored by the Graduate Student Association
All graduate students, faculty, staff & presenters are welcome!

**Poster Symposium ~ Monday, March 16
Rendezvous A/B/C**

Pedagogy, Politics, & Praxis

3:00 p.m. – 4:30 p.m.

Authors	Title
Hulse, Cortney; Taysom, Ely; Stull, Kyra E.; Kenyhercz, Michael W.; L'abbé, Ericka N.; Tuamsuk, Panya	Sex Biased Asymmetry in the Craniometric Variation of Modern South Africans
Sorensen, Michael	The Keystone of Judicial Empowerment: Judicial Independence in Spain, Chile, and Peru
Borrenpohl, Teresa	Borrowing for the Future: Student Perceptions of Lending Commitment
Duff, Kandi	Keeping the Best and Brightest: Why Are American Students Shunning Math and Science Majors?
Burres, James	Implications of Insecure Weather Stations
Wood Roberts, Barbara; Letzring, Tera D.	Adding Realism to Self-Efficacy in the Flipped Classroom
Binmahfooz, Amani	Faculty as Instructional Designers

Research Across the Sciences

3:30 p.m. – 5:00 p.m.

Authors	Title
Trejo, Eric; Van Orden, Ashley; Winston, Vern; Evilia, Caryn	tRNA Synthetases Offer Novel Drug Targets for Oral Pathogens
McDonald, Jennifer; Letzring, Tera	Another Look at Visibility: Accuracy of Judging Personal Values and Personality Traits
Johnson, Anders; Magnuson, Tim	Extracellular Electron Transport in Thermus
Jones, Jesse; Hevener, Kirk	Targeting Type IA Topoisomerases for Selective Anti-Streptococcal Drug Design
Deemyad, Taher; Perez-Gracia, Alba	A Coupled Actuation for a Pick-And-Place Multi-Fingered Robotic Hand
Brumfield, Amy	The Mathematical Model of Writing
Richardson, Rick T.	Using a Tangible User Interface to Enhance Three Dimensional Geovisualization Through Cognitive Load Reduction: A Pilot Study Contributing to the Dissertation Submission for a Ph.D. in Instructional Design at Idaho State University

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Authors	Title
Patton, Nicholas; Lohse, Kathleen; Seyfried, Mark; Timothy, Link	Controls of Parent Material and Topography on Soil Carbon Storage in the Critical Zone
Hathaway, William	1890 Snake River Basin Survey
Krauel, Elise; Dudgeon, John	Obsidian of the Rock Creek Site: Understanding Obsidian Source Choice Through Obsidian Performance Characteristics and Source Locations
Zorio, Stephanie D.; Williams, Charles F.; Aho, Ken A.	65 Years Of Vegetation Change in the East River Basin, CO
Richards, Courtney	Sourcing Nitrates and Pharmaceuticals in the Lower Portneuf River Valley
Curran, Lindsay; Reinhardt, Keith; Germino, Matthew; Debinski, Diane	Low Sagebrush Responses to Passive Warming and Snowpack Removal
Pacioretty, Maria; Cinto Mejia, Elizeth; Reinhardt, Keith; Barber, Jesse; de Graff, Marie-Anne	The Phantom Gas Field Project: Evidence of Physiological Responses of Sagebrush Due to Human Noise-Induced Changes in Arthropod Herbivory.
Rasmussen, Ashelee	Creating a Digital Interface for Botanical Resources
Thalmann, Johanna C.; Bowyer, R. Terry; Aho, Ken A.; Weckerly, Floyd W.; McCullough, Dale R.	Antler and Body Size in Black-Tailed Deer: Retrospective Analysis of Cohort Effects
Moler, Ehren; Aho, Ken	Culture-Independent Analysis of Fungal Symbionts in Whitebark Pines
Enslin, Clarissa L. ; Godsey, Sarah ; Kobs-Nawotniak, Shannon; Marks, Danny.	Quantifying the Wind Redistribution of Snow in Mountainous Terrains Using an Energy-and-Mass Balance Snow Model
McAbee, Kathryn; Reinhardt, Keith; Germino, Matthew	How do Changes in Precipitation Seasonality Affect Ecosystem Carbon Dynamics? Leaf- to Ecosystem-Scale Evidence from a 20-Year Precipitation Manipulation Experiment
Sharma, Harmandeep; Reinhardt, Keith; Lohse, Kathleen; Seyfried, Mark; Delucia, H. Evan; Mies, Timothy	Diurnal and Seasonal Variation in Tree Stem Circumference Using Automated Self-Reporting Dendrometer Bands (TreeHuggers)



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when posting about the presentations & posters!

Authors	Title
Hudock, Daniel; Jemmett, McKenzie; O'Donnell, Jody; Knudson, Sarah; Vereen, Linwood; Yates, Chad	Interprofessional Education & Multidimensional Stuttering Therapy From Speech-Language Pathologists & Counselors
Holcomb, Brittney; Lawyer, Steven; Prihodova, Katerina	Exposure to Trauma-related Cues and Changes in Symptomology
Fielding, Alycen; Ramsdell-Hudock, Heather	Report of Infant Vocalization and Otitis Media: A Case Study
Robertson, Stephen; Boomhower, Steven; Rasmussen, Erin	Effects of High-Fat Diet on Demand and Essential Value of Food in a Closed Economy
Bono, Leciel; Rogo, Ellen; Hodges, Kathleen; Peterson, Teri	Igniting Advocacy in Dental Hygiene Students
Sherwood, Sabrina; Hachey, David	A Student Pharmacist's Role in Developing a Strategy to Identify and Stratify Patients with Hepatitis C in a Community Health Center
Gilmer, John; Pfau, Jean	Mesothelial Cells Exposed to Autoantibodies Display Upregulated TF's Involved in Collagen Pathways
Sherwood, Sabrina; Cashmore, Catherine; Cady, Paul	Change in Participant Perceptions After an Interprofessional Case Studies Experience with Pharmacy, Physical Therapy and Physician Assistant Students
Hanson, Robert; Gilmer, John; Pfau, Jean	Asbestos-Induced Pleural Fibrosis Involves Autoantibody-Mediated Protein Tyrosine Phosphorylation Pathway
Clarke, Leslie	Transcriber, Caregiver, and Naïve Listener Report of Infant-Sibling Vocalizations
Jones, Britnie; Moffit, Dani	Avulsion Fracture of the Gracilis in an Adolescent Swimmer

Hey Graduate Students!

Would you like to know how to join the Graduate Student Association?

Want to find out more about future GSA events?
Interested in becoming an officer for the GSA in 2015-16?

Please check out isugsa.com or ask one of our current officers for more information.

Diantha Smith (President), Jerry Reiner (Vice President), Deepesh Poudel (Secretary), and Katie Chikonde (Treasurer)

