

# 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

|  |  |
| --- | --- |
| **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

|  |  |
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| **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

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| **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

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| **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.**

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| **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.**

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| **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 |



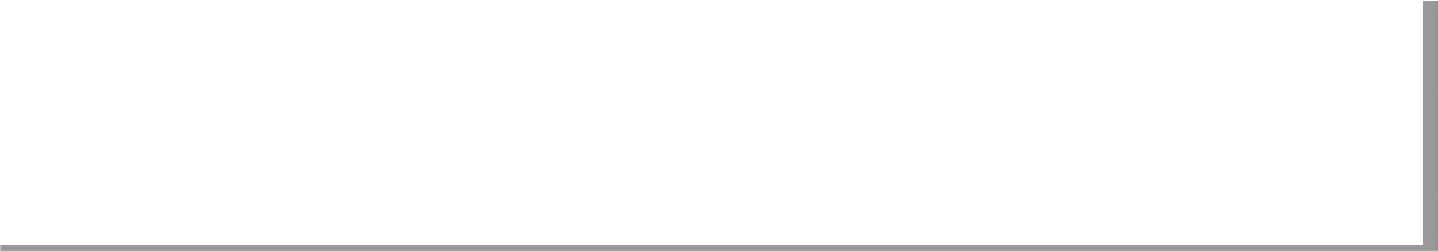
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**Biological & Environmental Studies 4:00 p.m. – 5:30 p.m.**

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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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**Mental, Physical, Social, & Emotional Health 4:30 p.m. – 6:00 p.m.**

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| **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 |

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