

COMMON DAY OF LEARNING

Detailed Schedule

Biology, Chemistry, Engineering & Physics, Math & Computer Science Presentation Schedule

| Session A Engineering & Physics (Thomas Room 138 - Jackson) | | Session B Computer Science (Thomas Room 235) | |
|--|---|---|---|
| 9:00-9:30 | Round-A-Beet <i>Sam Mark, Rylan Manzer, Nick Black</i> | 9:00-9:20 | Quick Triage Tool <i>Bartlow, Parker</i> |
| 9:30-10:00 | An Experimental Device for Emotional Intelligence Growth in ASD Children <i>Jake Waltmann, Riley Mark, Isaac Compher</i> | 9:20-9:40 | Denali Student Portal Documentation and Loadsheet Preparation <i>Bosma, Blaze</i> |
| 10:00-10:30 | Sustainable Sanitation Philippines Engineering Design Team <i>Ethan Miller, Hailey Graham, Jaden Carter, Quinn Gray</i> | 9:40-10:00 | Android FruitHarvestHelper Apple Detection App Development with React Native <i>Duncan, Brandon</i> |
| 10:30-11:00 | A Mechanism for Launching Balls in a Microgravity Environment <i>Jonathan Herberger, Juliette Haggith</i> | 10:00-10:20 | Cyber Forensics Murder Case Creation <i>Ferguson, Trent</i> |
| 11:00-11:30 | Methods in Determining Magnet Velocity in Electromagnetic Solenoids <i>Juliette Haggith, Physics</i> | 10:20-10:40 | Cyber Forensics Murder Mystery: Fake Profiles <i>Lirazan, Cody</i> |
| 11:30-12:00 | Measuring Muon-Electron Interaction Frequency via Polymer Scintillation <i>Devin McCall, Physics</i> | 10:40-11:00 | Project Denali - Documenting Reporting Requirements <i>Katzenberger, Carter</i> |
| | | 11:00-11:20 | Improving a General Education data pipeline with automated emails and Power Bi <i>Miller, Bryce</i> |
| | | 11:20-11:40 | Duck Valley Listening Posts Automation and Investigation of Hyperspectral Imager Suite Data <i>Rocco, Jack</i> |
| | | 11:40-12:00 | Using Python and MySQL to audit records provided in JSON format <i>Zink, Timothy</i> |

Session C
Biology & Chemistry

| | (Thomas Room 138 - Jackson) | (Thomas Room 241) |
|-----------|---|---|
| 1:15-1:35 | Ishikawa endometrial cancer regulates carbohydrate metabolism in response to anoxia and hormone stimulation <i>Ducharme, Grant</i> | Understanding Horticulture and Rehabilitation with Native Plant Species <i>Swift, Johnathan</i> |
| 1:35-1:55 | Differential Effects of PI3K Antagonists, LY49002 and Wortmannin, on Insulin Regulation of Glycogen Metabolism, Glucose Transport, and Receptor Feedback <i>Zucker, Camden</i> | Aversive Conditioning of Cougars (<i>Puma concolor</i>) by the Kalispel Tribe of Indians <i>Brackett, Abigail</i> |
| 1:55-2:15 | Diabetic Drug Metformin Regulates Multiple Genes/Pathways in Insulin-Treated Uterine Cells. <i>Lim, Faith</i> | Bureau of Reclamation: Water Quality Internship. <i>Wall, Austin</i> |
| 2:15-2:35 | Synthesis and Characterization of ZnO(Ampicillin) _x Nanoparticles for Photocatalysis and Antibiotic Applications. <i>Bowers, Madison & Wilhelm, Lydia</i> | Entomology Collection – Orma J. Smith Museum of Natural History Internship Experience <i>Johnson, Kylie</i> |
| 2:35-2:55 | Visfatin Alters Glucose Metabolism in an Endometrial Cancer Cell Line <i>Gautier, Shea</i> | Natural Resource Intern tasked with the survey, management, and removal of invasive carp from tributaries to Lake Michigan <i>Corbus, Grey</i> |
| 2:55-3:15 | Diabetic Drug Metformin Regulates Estrogen and Insulin Receptor Expression <i>Bennett, Hailey</i> | Effectiveness of Picaridin in Formulas of Natural Insect Repellents <i>Swaim, Abbey</i> |
| 3:15-3:35 | Insulin alters glucose metabolism in endometrial cancer cells <i>Lowry, Anna</i> | The Efficacy of Support Vector Machines in the Classification of Wildfire Data <i>Carter, Christian</i> |
| 3:35-3:55 | BREAK | BREAK |
| 3:55-4:15 | Effects of Insulin on Glycolytic Enzymes in Endometrial Cancer Cell Line <i>Brown, Maggie</i> | Population Monitoring of Common Nighthawk (<i>Chordeiles minor</i>) in Southwestern Idaho. <i>McMahon, Emily</i> |
| 4:15-4:35 | Prdm16 regulates cardiac development through sex-specific genes <i>Wong, Nick</i> | Fecal Coliform Comparison of Lake Lowell Sites <i>Skinner, Gina</i> |
| 4:35-4:55 | Zn _{1-x} Ni _x O Nanoparticles are Effective Photocatalysts that Exhibit Cytotoxic Properties. <i>Ellison, Emma and Kincheloe, Clayton</i> | Occupancy rates of the Common Nighthawks in Southwestern Idaho <i>De Orta, Adrian</i> |
| 4:55-5:15 | Structure-Function Analysis of Ad14 and Ad14p1 E3-19K <i>Wood, Ethan</i> | Effects of Insulin on Enzyme Activity in Ishikawa Cells <i>Melton, Stephanie</i> |

**Session C
Biology & Chemistry
Continued**

| | (Thomas Room 138 - Jackson) | (Thomas Room 241) |
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| 5:15-5:35 | GMMe proliferation increases with estradiol & visfatin <i>Dent, Maren</i> | Call Phenology of Call Activity in Common Nighthawks (<i>Chordeiles minor</i>) <i>Hawkes, Christian</i> |
| 5:35-5:55 | | Monitoring of the Common Nighthawk in Southwestern Idaho <i>Motter, Peyton</i> |

**Kinesiology Department Presentation Schedule
JSC Room 212**

| | | |
|-----------|--------------------|---|
| 1:15-1:45 | Owen Bostain | "Being a Mascot: The Art Behind Game Entertainment" |
| 2-2:30 | Dakota Hutton-King | "A Special Kind of Athlete" |

**Nursing Clinical Capstone Presentation Schedule
Student Center, Old Dex**

| | Time | Student Presenting |
|----|-------------|-----------------------|
| 1 | 0800 - 0810 | Trinity Denton |
| 2 | 0810 - 0820 | Katie Carlson |
| 3 | 0820 - 0830 | Caroline Sherwood |
| 4 | 0830 - 0840 | Courtney Crawford |
| 5 | 0840 - 0850 | Chandler Emerson |
| 6 | 0850 - 0900 | Emma Dewey |
| 7 | 0900 - 0910 | Rachel Campbell-White |
| 8 | 0910 - 0920 | Katie Asdell |
| | 0920 - 0930 | Break |
| 9 | 0930 - 0940 | Hailey Potter |
| 10 | 0940 - 0950 | Lily Jones |
| 11 | 0950 - 1000 | Tessa Honeycutt |
| 12 | 1000 - 1010 | |
| 13 | 1010 - 1020 | Rachel Miller |
| 14 | 1020 - 1030 | Shay West |
| 15 | 1030 - 1040 | Emily Lees |

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|----|-------------|--------------------|
| 16 | 1040 – 1050 | Jennifer Lyon |
| | 1050 - 1100 | Break |
| 17 | 1100 – 1110 | Helen Sullivan |
| 18 | 1110 – 1120 | Megan MacKinney |
| 19 | 1120 – 1130 | Sophie Daniels |
| 20 | 1130 – 1140 | Kailyn LaBrosse |
| 21 | 1140 – 1150 | Laine DeJong |
| 22 | 1150 – 1200 | Hana Naito |
| 23 | 1200 – 1210 | Julieanne Berikoff |
| 24 | 1210 - 1220 | Matty Wynia |
| | 1220 - 1320 | Break – Lunch |
| 25 | 1320 – 1330 | Cameron Emmerson |
| 26 | 1330 – 1340 | Isaac Marron |
| 27 | 1340 – 1350 | Sarah Lyons |
| 28 | 1350 – 1400 | |
| 29 | 1400 – 1410 | Katelynn Cabutti |
| 30 | 1410 - 1420 | Ariel Kotte |

Business Department Presentation Schedule

Helstrom – Harter

2:30p – 4:30p

Group One – Wealth Wizard (Financial Literacy App)

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| Members |
| Carter Alberts |
| Isaac Blum |
| Trent Deubler |
| Loy Howard |
| Clarissa Moreno |
| Bryan Tomlinson |

Group Two – Kindred Cart (Social Supermarkets)

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| Members |
| Brooke Allen |
| Jeremy Horn |
| Pablo Gonzalez |
| Madison Gridley |
| Ethan Nikkel |
| Colton Six |

**Group Three – Silver Serenity for the Silver Tsunami
(Senior living and Services)**

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| Members |
| Jack Cook |
| Joseph Fruehauf |
| Joseph Ihli |
| Jimmy Koufidakis |
| Rhiannon Matthews |
| Sully Smith |

**Group Four – Boise Community Kitchen
(Community Kitchen/Food Pantry)**

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| Members |
| Caden Barrass |
| Emily Loucks |
| Alison MacMillan |
| Noah Peterson |
| Lane Strand |

**Group Five – WeDrive
(providing transportation to Refugees)**

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|---------------------|
| Members |
| Sebastian A. Cotrau |
| Gabi J. Haws |
| Emma Jatho |
| Mason E. Machado |
| Nahomi Z. Montoya |
| Adam Paganelli |

**Group Six – Good Working
(Homeless Change)**

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| Members |
| Joshua Debban |
| David MacKinnon |
| Alan Soto |
| Jamin Stern |
| Mary Tesarik |
| Jonathan Zayas |

History & Political Science Department Presentation Schedule

Wiley 113

1:00p – 2:00p

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| Student Presenting |
| Drew Metcalf |
| Brooke Yeomans |

Education Department Presentation Schedule

Conrad – Walden Hall

6:30p – 9:00p

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| Student Teacher Presenting |
| Bigelow, Halle |
| Church, SioloMasina |
| Cowin, Megan |
| Ferrin, Andrew |
| Fontes, Nathan |
| Friberg, Tucker |
| Grande, Madison |
| Hess, Marshall A |
| Hollenbeck, Drew |
| Kubicek, Paige |
| Pearl, Caleb |
| Sundermeyer, Kaitlyn |

College of Theology & Christian Ministries Presentation Schedule

Williams Hall Rm 103

4:00p – 6:00p

| Philosophy Presentation | Bible Presentation | Theology Presentation |
|---|--------------------------|--|
| Presenter: Noah Peterson | Presenter: Tanner Hill | Presenter: Noah Rarrick |
| Title: Liberal Irony and the Danger of Relativism | Title: Made Yourself Low | Title: The Theology of Jurgen Moltmann |

Language & Literature Department Presentation Schedule

Wiley 114

6:00p – 9:00p

Panel 1: Academic Musings

Moderator: Dr. Julie Straight

Panelists:

Taicha Christensen- Paper Title: "Rhetorical Analysis of a Past Writing Experience"

Jenna Winters- Paper Title: "How to Understand Cubist Poetry"

Stella Depew- Paper Title: "The Effect of Guilt in Crime and Punishment on Stevenson's Strange Case of *Dr Jekyll and Mr Hyde*"

Miya Ingram- Paper Title: "Normalcy in Madness: A Study of *King Lear*"

Panel 2: Poetic Musings

Moderator: Dr. Catherine Becker

Panelists:

Ellie Little- Portfolio Title: *The Things Little Girls Dream Dark*

Trey Kelley- Portfolio Title: *Cognizance*

Sasha Kapsoff- Portfolio Title: *Dissonance*

Communications Department Presentation Schedule

Learning Commons - Stroup

9:00a – 12:00p

| 9 am | 10 am | 11 am |
|--|---|--|
| Mady Fouse | Jenna Sunberg | Caitlynn Bell |
| Coaching Athletes According to Their Competence & Motivation | The Impact of Refugee Friendship Experiences on Integration and Life Satisfaction | Coaching Athletes According to Their Competence & Motivation |