



WC-WAVE Summer 2016 Tri State Meeting
May 23-25, 2016 Agenda
Incline Village, NV

CAPSTONE AGENDA

WC-WAVE Graduate Student Schedule

Monday, May 23 - 8:30 a.m. – 5:00 p.m.

Hyatt Regency – Lakeside Rooms B/C

- 8:00-8:30 Breakfast
8:30-8:45 Introductions and capstone overview, Mary Jo Daniel
8:45-9:00 Introduce capstone scenarios/form working teams, Jim McNamara
9:00-10:00 Module 1- Mountain Hydrology: Processes and Predictions
10:00-10:15 Break
10:15-12:00 Module 2- PRMS Model of Incline Creek: Model Calibration
**UVMN on field experience of Incline Creek*
12:00-1:00 Lunch (Buffet)
1:00-2:00 Module 2 Continued
**Graduate students will discuss recent findings to UVMN group member, leading them through steps in proving scenarios hypotheses.*
2:00-3:30 Module 3-PRMS Model of Incline Creek: Hypothesis Testing
**Graduate students only*
3:30-4:00 Break
4:00-5:00 Module 3 Continued
**Graduate students only*
Select Capstone Team to Present for May 25 Tri-State
6:00 Dinner on your own

Tuesday, May 24 - 8:30 a.m. – 4:30 p.m.

Hyatt Regency – Lakeside Rooms B/C

- 8:00-8:30 Breakfast
8:30-10:00 Module 3 Continued- PRMS Model – Finish up
**Graduate students only*
10:00-10:30 Break
10:30-12:00 UVMN Teaching Exercise (3 UVMN teams based on group scenario)
12:00-1:00 Lunch
1:00-3:30 Module 4- Analysis, Interpretation and Presentation Prep
**Joined by UVMN teams. Graduate students to share models and findings.*
3:30-4:30 Practice for Tri-State Presentations
4:30 Graduates adjourn for poster session at SNC at 5:30*

Poster Session – Sierra Nevada College, Prim Library

- 5:30-7:00 Poster Session (be at your poster by 5:15)

*optional tours of UC Davis Science Center available



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CAPSTONE AGENDA

Undergraduate Visualization Modeling Network (UVMN) Schedule

Monday, May 23 - 8:30 a.m. – 5:00 p.m.

Hyatt Regency – Lakeside Rooms B/C

- 8:00-8:30 Breakfast
8:30-8:45 Introductions and capstone overview, Mary Jo Daniel
8:45-9:00 Introduce capstone scenarios/form working teams, Jim McNamara
9:00-10:00 Module 1- Mountain Hydrology: Processes and Predictions
**Working in collaborative groups with grad students*
10:00-10:15 Break
10:15-12:00 Incline Creek Field Experience/Data Collection Demonstration
**Dress for an easy hike and cooler weather (layers). Lead by Andy Rost.*
12:00-1:00 Lunch (Buffet)
1:00-2:00 Module 2
**Graduate students will discuss recent findings to UVMN group member, leading them through steps in proving scenarios hypotheses.*
2:00-2:30 Scenario Lesson Planning, Teaching Framework
**UVMN whole group session. Lead by Andy Rost.*
2:30-3:30 Develop Module Lesson Plan
**UVMN members work in 3 individual groups. Lead by Andy Rost.*
3:30-4:00 Break
4:00-5:00 UVMN lesson plan prep, collaboration and feedback
**UVMN whole group session. Lead by Andy Rost.*
6:00 Dinner on your own

Tuesday, May 24 - 8:30 a.m. – 3:00 p.m.

Hyatt Regency – Lakeside Rooms B/C

- 8:00-8:30 Breakfast
8:30-9:00 Join Capstone teams to see progress on models
**Grad students lead them through update.*
9:00-10:00 UVMN final lesson preparations
10:00-10:30 Break
10:30-12:00 UVMN Present Module Lesson Plans
**Three (3) 20 minute scenario-themed lessons to whole capstone*
12:00-1:00 Lunch
1:00-3:00 Module 4- Analysis, Interpretation and Presentation Prep
**Working in collaborative groups with grad students.*
3:00 UVMN adjourns for the day*

Poster Session – Sierra Nevada College, Prim Library

- 5:30-7:00 Poster Session (if you have a poster, be at there by 5:15)

*optional tours of UC Davis Science Center available



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TRI-STATE MEETING AGENDA

Tuesday, May 24

Poster Session (all WC-WAVE team members) - Sierra Nevada College

- 03:00 pm – 05:30 pm UC Davis Science Center Tours (optional)
05:30 pm – 07:00 pm Poster Session (all WC-WAVE team members) - *Prim Library*
07:00 pm – 09:00 pm Publications and Proposals Discussion Groups

Wednesday, May 25

Tri-State Meeting (all WC-WAVE team members)

Hyatt Regency - Lakeside B/C

- 08:00 am – 08:30 am Breakfast
08:30 am – 08:45 am Welcome and Overview
08:45 am – 09:30 am Capstone Report
09:30 am – 11:30 am **Automated Watershed Delineation using EPA Basins Software**
Zebrowski & Sanchez, New Mexico Highlands University
Group 1 - *Lakeside B/C* - Rotate red, blue, yellow
Modeling Watersheds and Hydrolic Processes
Rost & Vanderpool, Sierra Nevada College
Group 2 - *Martis Peak B/C* - Rotate blue, yellow, red
**Enhancing Visualization and Student Learning with Virtual
Geology Field Trips**
Schalck, Gara-Betzold & Phillips, Lewis Clark State College
Group 3 - *Lakeside A* - Rotate yellow, red, blue
11:30 am – 12:00 pm Sustainability Report
12:00 pm – 01:00 pm Lunch and Evaluation Presentation
01:15 pm – 04:00 pm UVMN/Workforce - *Lakeside B/C*
Reynolds Creek and Lehman Creek – *Martis Peak B/C*
Jemez Watershed and Dry Creek – *Lakeside A*
04:00 pm – 04:30 pm Progress Reports/NCE Plans
04:30 pm – 05:00 pm WC-WAVE Highlights
05:00 pm Adjourn