The University of Vermont

Student Research Conference 2024

Welcomes you to the Annual Event Program

Afternoon Session I

April 18th, 2024
9:00–4:30
4th Floor Davis Center
Creative Presentations

**THE CREATIVE PRESENTATIONS CAN BE FOUND IN THE FIREPLACE LOUNGE AND WILL REMAIN THERE ALL DAY**

Natalie Bett, Megan Burdick, Ellett Mettiman, Kat Coyne, & Dani Seward
**Pursuing Meaning Within Choreography: Developing and Presenting Dance Compositions from Personal Backgrounds and Motivations**
Dance, CAS
Faculty Mentor: Paul Besaw

Sam Fertik
**Translations of Plant-Environment Interactions: Learnings from the Colchester Bog**
Plant Biology, CAS
Faculty Mentor: Steve Budington

Wenzdae Wendling
**The Illustrated Guide to Pre-Veterinary Equine Lameness**
Animal Science, CALS
Faculty Mentor: Christina Rohan

Yoshi Bird
**Building the Vermont Zoning Atlas**
Complex Systems & Data Science, CEMS
Faculty Mentor: Christopher Danforth

Dante Blasi
**Designing a Good Website**
Business Administration, GSB
Faculty Mentor: Erik Monsen

Ben Egner & Brady Hill
**A New UVM Geological Collection Inventory**
Biology, CAS & Biological sciences, CALS
Faculty Mentor: Sara Cahan

Zane Zupan
**Making LGBTQ+ History Accessible to Gen-Z During a Period of Targetted LGBTQ+ Erasure**
Political Science, Sociology, and Gender, Sexuality, & Women's Studies, CAS & PLHC
Faculty Mentor: Paul Deslandes
### Oral Presentations

**Afternoon Session I**

#### Chittenden Room

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Faculty Mentor</th>
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</thead>
<tbody>
<tr>
<td>Kate Zoller</td>
<td>The Contribution of Liver 3-Methylglutaryl-CoA Synthase 2 (HMGCS2) to Dietary Medium-Chain Triglyceride-Induced Ketone Body Production</td>
<td>Matthew Poynter</td>
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<tr>
<td>Emma Wetsel</td>
<td>Change in Percent Coral Cover Across Main Hawaiian Islands Between 2000-2017 using the Airborne Visible Infrared Imaging Spectrometer (AVIRIS)</td>
<td>Brendan Fisher</td>
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<tr>
<td>Suffiyan Safdar</td>
<td>Suspended Sediment in Urban Streams: Evaluating the Influence of Urbanization and Geomorphology</td>
<td>Anne Jefferson</td>
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Posters
Afternoon Session I

ENGINEERING, MATHMATICS, & PHYSICAL SCIENCES
AGUSTEN HOEN  GUS LUNDE
DANIAL WALEED  MARI DAVIS
JACK COLBY  EVE FORAN
NORY MEINHART  ELIZA BARKER
KATHRYN CRAMER
JULIA ZIMMERMAN
NICHOLAS PEREZ

LIFE SCIENCES
ALICIA ROSATO
BRENDA COX
CHARLOTTE PEARSON
DAGNY KELTNER
DAHLLA ROSEN
EURDICE ABOAGYE
HAILEY ROSENFIELD
JACQUELINE GUILLEMIN
JULIUS HERZOG
KATHERINE HOOD
LUCAS CHESTNUT
LUCAS LEON
MARGARET HALEY
MARK D MULLINGER
MASOUMEH KHODAVERDI
MEGHAN FONDAKOWSKI
OSMAND EVANS
OWEN NEILAN
PAIGE WONDRASEK
SARAH VAN HORN
SYDNEY MADERA
SHANNON PRIOR
HALLIE SHI
VICTORIA TAORMINA
CHELSEY PATCH

SOCIAL SCIENCES
PENNY HAYDAR
JENN HA
OLIVIA DUFFY
HANNAH LACASSE
OWEN PALCSIK
ALYSSA TENNEY
NATALIE NOBLE
MATHILDE SCARLATA
BETHANY HUNT