

The University of Vermont

**WELCOMES
YOU TO THE
ANNUAL**

Student Research Conference 2024

**Event
Program**

**APRIL 18TH,
2024**

9:00-4:30

4TH FLOOR

DAVIS

CENTER

Afternoon Session I

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 SEWARDS
PURSUING MEANING WITHIN
CHOREOGRAPHY: DEVELOPING
AND PRESENTING DANCE
COMPOSITIONS FROM PERSONAL
BACKGROUNDS AND MOTIVATIONS**
Dance, CAS
Faculty Mentor: Paul Besaw

**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

**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

**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

Kate Zoller The Contribution of Liver 3-Methylglutaryl-CoA Synthase 2 (HMGCS2) to Dietary Medium-Chain Triglyceride-Induced Ketone Body Production
Faculty Mentor: Matthew Poynter

Emma Wetsel Change in Percent Coral Cover Across Main Hawaiian Islands Between 2000 - 2017 using the Airborne Visible Infrared Imaging Spectrometer (AVIRIS)
Faculty Mentor: Brendan Fisher

Suffiyan Safdar Suspended Sediment in Urban Streams: Evaluating the Influence of Urbanization and Geomorphology
Faculty Mentor: Anne Jefferson

Posters

Afternoon Session I

ENGINEERING, MATHEMATICS, & PHYSICAL SCIENCES

AGUSTEN HOEN GUS LUNDE
DANIAL WALEED MARI DAVIS
JACK COLBY EVE FORAN
NORY MEINHART ELIZA BARKER
KATHRYN CRAMER
JULIA ZIMMERMAN
NICHOLAS PEREZ

SOCIAL SCIENCES

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

LIFE SCIENCES

ALICIA ROSATO
BRENDAN COX
CHARLOTTE PEARSON
DAGNY KELTNER
DAHLIA ROSEN
EURDICE ABOAGYE
HAILEY ROSENFELD
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