The University of Vermont

Student Research Conference 2024

Welcomes you to the Annual Event Program

April 18th, 2024
9:00-4:30
4th Floor Davis Center

Afternoon Session II
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

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

YOSHI BIRD
BUILDING THE VERMONT ZONING ATLAS
Complex Systems & Data Science, CEMS
Faculty Mentor: Christopher Danforth

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

DANTE BLASI
DESIGNING A GOOD WEBSITE
Business Administration, GSB
Faculty Mentor: Erik Monsen
Afternoon Session II

Oral Presentations

Chittenden Room

Sierra Sabee
Faculty Mentor: Timothy Stickle
A Study of Co-occurring Disorders

Andre Clark
Faculty Mentor: Elzerie Jager
Association of Bullying Victimization and Loneliness on Suicidal Ideation and Anxiety Among 15-17 Year Old’s in Sierra Leone

Joe Owuor
Faculty Mentor: Maija Reblin
Caring for Caregivers: Assessing Health and Wellness Needs Among Rural Caregivers

Leola Amblo
Faculty Mentor: Teresa Mares
Accessing Women’s Healthcare in Rural Vermont and the Impacts of the COVID-19 Pandemic

Jost Room

Kelly Jacobson
Faculty Mentor: Amber Doiron
Photoablation-based Treatment for Bacterial Keratitis Using Immunogold Bioconjugate Nanoparticles

Allyson Turner
Faculty Mentor: Emily Bruce
Genetic Determinants of Filamentous Influenza Virion Production

Natalie Bett
Faculty Mentor: Niccolo Fiorentino
Arthrokinematics and Compositional Measurements with QMRI 1-2 Years Following ACL Reconstruction and Meniscal Surgery

Lily Kjendal
Faculty Mentor: Dev Majumdar
Implementing VirScan: a Phage Display Library for Viral Antibody Detection and Characterization
Oral Presentations
Afternoon Session II

Williams Room

**Anja Samsom**
The Impact of Female Role Models on the Retention of Women in Computer Science
Faculty Mentor: Lisa Dion

**Priscilla Pnyin Abijah**
Faculty Mentor: Sarah Heiss

**Pierce Deboer**
Leaving an Impression: How different storytelling elements affect the effectiveness of a film trailer
Faculty Mentor: Carolyn Bonifield

**Jasper Williams**
Collective Nostalgia’s Effect on Consumer Behavior
Faculty Mentor: Carolyn Bonifield
Posters
Afternoon Session II

Social Sciences

Annabelle Collins
Betsey Scrimgeour
Cameron Provorny
Lizbeth Cintron
Maisie Melican
Olivia Tarmey
Brandon Schoenfeld

Clinical

Cole Royer
Emily Batinsey
Jerry Landau
Johanna Hidalgo
Natalie Ambrose
Willem Barwin
Natalie Lloyd

Engineering, Mathematics, & Physical Sciences

Seide Saba
Muhammad Hmaza Ali
Amir Ghorbansarvi
Ryan Tan
Beyzanur Aydin
Eric Segerstrom
Emmanuel Badmus
Arash Omidi

Life Sciences

Alice Sperber
Anna Schmidt
Blair Christensen
Caitlin Henry
Collin MacLeod
Dan Schiefen
Daniel Penados Richter
Erinn Wagner
Evan Norcoss
Finn Flynn
Flynn Krapf
Hannah Koval
Ian Orsmond
Lauren Bialek
Logan Sands
Nora Heaphy
Sydney Mcfarland
Nicole Gorman

Wildlife Pathogens Lab

Ruby Higgins
Olivia Biasetti
Emma Privett
Joe Webb