

2005

***UNDERGRADUATE
RESEARCH FAIR***

FRIDAY, APRIL 15, 2005

PAPER PRESENTATIONS

Gore 134

Session I

9:15 – 9:30 *The Hammer & Sickle: The Role of Symbolism and Rituals in the Russian Revolution.*

Christopher Wharton

Faculty Sponsor: Susan Cottler

9:30 – 9:45 *Black Dreams of Spain, Anarchism and the Spanish Revolution.*

Nicholas A. Schou

Faculty Sponsor: Susan Cottler

9:45 – 10:00 *Brothers in Arms; Ernesto Guevara and Fidel Castro.*

Bryan Banker

Faculty Sponsor: Susan Cottler

Break 10:00 – 10:15

Session II

10:15 – 10:30 *“Where’s The Stuff?”*

Carlin Felt

Faculty Sponsor: Doug Wright

10:30 – 10:45 *The Success and Failures of Ed Wood*

Andrew Hyun Pak

Faculty Sponsor: Susan Cottler

10:45 – 11:00 *Counter-Productive Bombing, Brought to You by the U.S. Government.*

Jayda Moore

Faculty Sponsor: Susan Cottler

11:00 – 11:15 *A Woodstock Compilation: Yesterday’s Music as Today’s Sociology.*

Lynnette A. Averill

Faculty Sponsor: Mark Rubinfeld

Break 11:30 – 12:30

Session III

12:30 – 12:45 *Appropriating the Feminine Subtext in T.H. White’s, “The Once and Future King.”*

Verity Erickson

Faculty Sponsor: Georgi Donavin

12:45 – 1:00 *Innocent III St. Peter’s Illegitimate Heir.*

Thomas R. Dubach

Faculty Sponsor: Susan Cottler

1:00 – 1:15 *“The Best of Islands.” Environmentalism in Geoffrey of Monmouth and Mary Stewart’s Merlin.*

Leslie C. Lee

Faculty Sponsor: Georgi Donavin

1:15 – 1:30 *A Detailed Study of Algorithms Converging to Pi.*

Aaron Searle

Faculty Sponsor: Richard Wellman

POSTER PRESENTATIONS

Gore Foyer

9:00 AM - 11:00 AM

Exploring the Reality of ADD/ADHD.

Meghan Hamilton

Faculty Sponsor: Lesa Ellis

The Relationship Between Risk Taking and Adolescent Pubertal Status.

Laura Richey

Faculty Sponsor: Lesa Ellis

The Impact of Sleep Deprivation on the Post Adolescent Brain.

Nicki Blair

Faculty Sponsor: Lesa Ellis

Gender Differences and Single-Gender Treatment.

Chris Brinkerhoff

Faculty Sponsor: Colleen Sandor

Fluoride Analysis in Green Tea

Juliette B. Lanvers

Faculty Sponsor: Paul Hooker

Digital Reconstruction of Fossils from Serial Image Data

Elisha Hughes

Faculty Sponsor: David Goldsmith

Effects of Glucose Concentration on Esp Gene Expression in Enterococcus faecalis.

Adam Ware and Chari Sorenson

Faculty Sponsor: Lawrence Anderson

Transduction of Arginine Synthesis in E. coli by Temperate Bacteriophage.

Mark Gurling

Faculty Sponsor: Lawrence Anderson

Avian Phylogeny According to 18S & 12S Gene Sequences.

Cortney Seggermann and Mark Gurling

Faculty Sponsor: Judy Rogers

Adherence Studies of E. faecalis Using an In Vitro System.

Daniel Perez

Faculty Sponsor: Lawrence Anderson.

Researching the Best Temperatures to Store Bacteria.

Jason DeHerrera

Faculty Sponsor: Lawrence Anderson

Coliform Bacteria are Reliable Indicators of Water Quality.

Ben Brisbay

Faculty Sponsor: Lawrence Anderson

Predicting the Outcome of Kidney Transplants Using Artificial Neural Networks.

Mayo Miller

Faculty Sponsor: Peter Connell

POSTER PRESENTATIONS

Gore Foyer

12:00 PM – 2:00 PM

Gender Differences in the Development of Aggression During Puberty.

Jennifer Morrison

Faculty Sponsor: Lesa Ellis

Employee Motivation in the Workplace

Carla Valencia

Faculty Sponsor: Georgia White

A Detailed Study of Algorithms Converging to Pi.

Aaron Searle

Faculty Sponsor: Richard Wellman

Synthesis of poly (1-propargyl inosinic acid). A Proposed West Nile Virus inhibitor.

Brian Dorich

Faculty Sponsor: Robyn Hyde

Pb and Se in the Sediment of the Great Salt Lake

Janice F. Spencer-Priebe

Faculty Sponsors: Paul Hooker and Robyn Hyde

The Pink Waters of Great Salt Lake: The Role of Archaeal Carotenoid Pigments in Photoprotection.

Ashlee Allred, Michael Acord, Jihyei Jang

Faculty Sponsor: Bonnie Baxter

Biochemical Characterization of Novel Isolates from the Great Salt Lake.

Michael Acord and Ryan Helber

Faculty Sponsor: Bonnie Baxter

The Revival of Halophilic Archaea from Recently Formed Halite Crystals Obtained from the Great Salt Lake.

Jennifer L. Day

Faculty Sponsor: Bonnie Baxter

Antibody Staining-Assay for Detection of Developmental Gene Products in Artemia.

Matthew Mietchen and Derek Parkin

Faculty Sponsor: Brian Avery

Molecular Taxonomy: 16S rDNA Isolation from Halophilic Microorganism.

Michael Clifford and Ryan Rigby

Faculty Sponsor: Bonnie Baxter

The Effects of Curcumin on C. elegans <i>sel-12 Mutants.

Jana Novakova and James Johnson

Faculty Sponsor: Brian Avery

POSTER PRESENTATIONS

Continued

Measuring DNA Damage: A Dot Blot Immunoassay for Thimine Dimers.

Ryan Black and Scott Stanfield

Faculty Sponsor: Bonnie Baxter

Lipid Analysis as a Method of Differentiating Bacteria from Archaea.

Ashle Crane, Maxi Miller and Trista Lammers

Faculty Sponsor: Bonnie Baxter

COMMUNICATION PORTFOLIO

Miranda Taft

Faculty Sponsor: Helen Hodgson