

Symposium

Student Works

2004

Symposium 2004

University of Maine at Farmington

Follow this and additional works at: <https://scholarworks.umf.maine.edu/symposium>

UMF SYMPOSIUM

April 14, 2004

Schedule and Complete List of Abstracts

**Any late changes to this Symposium program will be posted by the
Student Center mailroom on April 14th.**

Table of Contents

| | |
|---|----|
| Introduction..... | 2 |
| Venue 1: CR123 Readings/Exhibit..... | 3 |
| Venue 2: Student Center Lobby Posters and Displays | 3 |
| Venue 3: Roberts C23 History..... | 6 |
| Venue 4: Lincoln Auditorium Climate/Seniors/Politics..... | 8 |
| Venue 5: Roberts 101 Bioethics | 10 |
| Venue 6: Art Gallery Senior Art Exhibit..... | 12 |
| Venue 7: Thomas Auditorium Science/Science Ed..... | 12 |
| Venue 8: Ricker 14 Computer Science..... | 14 |
| Venue 9: Ricker 15 Miscellaneous Topics | 14 |
| Venue 10 Ricker 202 Miscellaneous Topics | 16 |
| Venue 11: Ricker 205 Business (am) / Math (pm) | 17 |
| Venue 12: Ricker 207 Business/Economics | 18 |
| Venue 13: Ricker 217 Health..... | 21 |
| Venue 14: Latte Landing Performance | 23 |
| Venue 15: Nordica Auditorium Music | 24 |
| Venue by Venue Listing and Times..... | 25 |

Introduction

The Sixth Annual UMF Symposium

The normal everyday life of a university has a certain inescapable logic, built on social contracts between students, faculty, staff and administration, and the center of student academic life is the exchange of work for grade. Faculty hold out A's and B's as incentive for students to go through the effort of demonstrating their learning, and students attempt to efficiently distribute their work load so as to maximize GPA. However, almost every college graduate has experienced the exhilaration of being able to learn something just because it was interesting or potentially useful. The fact that learning is an end in itself, and a pleasant one, as opposed to something forced on students by the need to get good grades, is often lost in the life of a college campus.

That is why we take a day in the spring to teach, learn, and show off our learning, outside of the usual life of the university. Students, faculty, staff and administrators can circulate together among sessions ranging from Cloning to drug and alcohol abuse to Global Climate Change. An attendee can follow a thread of ideas from venue to venue, or stay in one place and learn about Maine's responses to the Atomic Bomb and McCarthyism. NASCAR and WWE are topics of this year's presentations as well as the Terminator and Archie Bunker. Or one could visit the UMF Art Gallery, view the works of graduating seniors, and listen to them talk about their work. Or visit CR123 and hear students read their original compositions. Would you like to view Shakespeare as interpreted by Jerry Springer? Then head to Latte Landing at 11! This year we again include auditions for the senior speaker at this spring's graduation.

On this day, we hope to learn for no better reason than to learn, and we hope that some of that sentiment affects our interactions for the rest of the year. Come and join the more than 300 students involved in presentations.

Celebrate academic achievement and excellence!

Please note that if you wish to have lunch in the South Dining Hall you may purchase NQAFL (not quite a free lunch) ticket for \$2.00 in the Student Center lobby. Also please note that there are no Symposium activities in the North Dining Hall area. This is due to a blood drive which was scheduled over a year in advance.

Venue 1: CR123

Readings/Exhibit

All Day Exhibit

Exploring England Through Photography

Jamie Beam, Shauna Brittel, Jessica Ellingwood, Holly Haywood, Lacey Hebert, Laura Kennie, Debbie Knutson, Dan Manson, Kristen Slefinger, Rebekah Swierk

During the 2003 May term, our photography class went on a two week field trip to England and Scotland. We visited Stonehenge, Stratford-upon-Avon, Warwick Castle, Salisbury, Oxford, Bath, York, Edinburgh, and London. In Northumberland we photographed Alnwick Castle, where some of the scenes in the Harry Potter movies were filmed. We hope that you will enjoy the black-and-white photographs in our exhibition.

10:00 - 12:00

Composition Writers Go the to the Podium to READ their essays

Students of Luanne Yetter, Marilyn Wegner, and Elizabeth Cooke

Come listen to some extraordinary essays written by regular students--just like you--and let yourself laugh, think hard, be awakened, and maybe even cry at their words.

1:00 - 1:45

A Student and Her Professor Travel to Beijing to Sell Their Book For Contract

Katie Schlieper and Elizabeth Cooke

Katie Schlieper devoted some 700 hours to illustrating the text for a children's book about adoption from China written by Elizabeth Cooke. In October, 2003, they traveled to Beijing, along with the subject of Cooke's story, Tong Ting Finds a Family, her daughter Ting. A publisher was found, and the project of publication was begun. The book went to print in late March; now they await the books. Come listen to their story.

2:00 - 3:00

Advanced Fiction Students Read Short-Shorts

Pat O'Donnell and Students

Nine students in the current semester's class in Advanced Fiction Writing will read short-short stories, two to three pages each.

Venue 2: Student Center Lobby Posters and Displays

Please note that poster presenters must be available at their displays between 11:00 and 12:00.

All Day Exhibit

Organic Creations: Form Follows Function

Andrea Freed's 3 Sections of EDU 304:

Students have produced whimsical creatures that exist in some habitat (on earth or elsewhere). Their form is related to function and survival in a particular environment of the creator's choosing.

Poster Session Parent-Child Playgroups: The PIWI Approach

Dolores Appl, Tiffany Trahan, and students from SED 375

Students will present their practica work from weekly parent-child playgroups based on a well-researched model called PIWI (Parents Interacting with Infants). The primary focus of the PIWI model is parents' interactions with and observations of their children. Students serve as playgroup facilitators and plan the playgroup environment around Developmental Observation Topics (DOTS), based on parents' interests. In this poster presentation students will share examples of their weekly plans and parent handouts for different DOTS. They will explain the format of the groups and strategies they use to support parent-child interactions.

Poster Session What are the characteristics of a typical UMF student?

Students in MAT102 sections 1 and 2

The students in MAT102 have recently completed surveying members of the UMF student population as part of their study of statistics. The surveys have covered a wide variety of interesting topics including but not limited to cell phone use, plans for grad school, number of piercings or tattoos and involvement in on campus activities. With their results they hope to answer the question "What is a typical UMF student?"

Poster Session Carbon fluxes related to seafloor uplift, New Caledonia: Trigger for growth of Antarctic ice sheet

Corriveau, Catherine Elaine, Hanson-smith, Romany S., Knapp, Kevin W, Levesque, Ted W, Staples, Seth Adrian, Waterhouse, Matthew D

Pacific seafloor east of New Caledonia was thrust over the Norfolk Ridge 34 million years ago during microcontinent-arc collision. Such plate interactions have the potential to catastrophically perturb the carbon system by synchronously eliminating a volcanic CO₂ source and creating two powerful CO₂ sinks: weathering of soluble Ca, Mg-rich basic and ultrabasic silicate rocks and organic carbon burial, enhanced by abundant nutrients, enormous surface area of the weathering products (smectite clays), and fast exhumation/sedimentation rate. We estimate these carbon fluxes and consider their impact on atmospheric CO₂ in relation to the onset of Antarctic glaciation 33.7 million years ago.

Poster Session A Cold-Water Carbonate-Rich Sand Beach: Cape Freels, Northeast Newfoundland

Ted W. Levesque

Carbonate-rich sand beaches are used as paleo-climate indicators distinguishing tropical settings. However, carbonate beaches are found at high latitudes such as on the coast of Maine. Samples collected on a barrier beach at Cape Freels Newfoundland were sampled to determine CaCO₃ percentages along a surficial transect. Percentages along transect ranged from 18% at the waters edge to 7% at the dunes. Point counts have shown high percentages of echinoderm fragments and shell hash, both of which correlate with grain size. The results of this study will help identify environments where carbonate-rich beaches can exist for interpretation of the geologic record.

Poster Session Mapping Distributions of common Aquatic Macrophytes Using GPS/GIS Technology in Rangeley, Maine Lakes

Ken Baker, Maryellen Crouch, and Dr. Dan Buckley

The recent discovery of invasive aquatic plants has resulted in an increasing number of plant surveys on Maine lakes. Surveys provide information on plant biodiversity and the aquatic plant communities in the lakes. Using GPS/GIS technology in such surveys increases the accuracy in mapping the distributions of macrophyte species and helps delineate problematic areas should invasive aquatic plants be introduced. Last summer the aquatic macrophyte communities of seven of the smaller lakes in the Rangeley area; Beaver Mountain, Dodge, Gull, Haley, Quimby, Round and Sandy River were surveyed by students from UMF at the request of the Rangeley Lakes Heritage Trust. Substrate types were noted and the distributions of the most common species were mapped. No invasive species were found during the surveys. Three of the lakes were surveyed with high definition GPS with associated sonar which provided the data to create very accurate bathymetric maps

Poster Session Planetary Posters: Student Work in Descriptive Astronomy

Students in PHY 101, Descriptive Astronomy

Groups of UMF astronomy students have been researching topics in planetary science this semester; they will display their projects and will be on hand to answer your questions about the work. Topics include the rings of the four giant gas planets, the Galilean moons of Jupiter, the solar wind and its role in causing magnetic storms and the aurora borealis, craters left by past impacts of asteroids and comets on Earth, and the near-Earth asteroids which will generate future impacts.

Poster Session CLUE: an after-school program at Mt. Blue Middle School

Wendy Oakley and CLUE staff

The CLUE (Creative Learning: Unlimited Excellence) Project is a collaboration of SAD 9, UMF & Foothills Arts. It is an after-school program during which middle school students participate in active, arts based learning experiences that complement and supplement the classroom curriculum. A display board will feature photographs and description documenting CLUE activities.

Poster Session Social Integration and Crime: Does Social Detachment Lead to Crime?

Andrew Sweeney

Hirschi's control theory states that people commit deviant acts because they lack the social ties to motivate them to conform to social norms. This study uses nationally representative data collected on family satisfaction, church attendance and occupational prestige by the General Social Survey (GSS) between 1973 and 1986 to test social control theory. The findings indicate that people with lower levels of social attachment are more likely to commit crime supporting Travis Hirschi's theory of social control. Time: 10:00am-11:30am Main Corridor Students Center

Poster Session Comparisons of Racially Biased Opinions: A Study of Black and White Perceptions of Work Ethic and IQ

James Gammon, David Beale

Ethnocentrism is explored using measures of opinions about IQ and work ethic. In this study we use information gathered in the General Social Survey (GSS) to explore black and white opinions on race, intelligence and work ethic. The survey is a multistage probability sample that consisted of 3666 participants collected in the years 1998 & 2000. We found that whites are generally more critical of blacks than vice-versa. Also, people >65 are more ethnocentric than other age groups. This study of ethnocentrism shows that while race relations have improved there remain lingering racial prejudices that continue to persist within American society. Time: 10:00a-11:30a Main Corridor of Student Center

Poster Session Upward Mobility and the Sexes: The Effects of the Father's Occupation on Adult Achievement

Jamison Olson

Occupational mobility is examined by comparing the achieved professional status of sons and daughters in relation to their father's occupation. The study's data is from a national multistage probability sample of 2309 men and women, collected in 1998 and 2000 by the General Social Survey. This study focuses on the process of obtaining a professional status in the United States. Are women able to climb the professional ladder with greater ease than men are, or is the system of occupational inequality reproduced regardless of sex? The data casts doubt on the social reproduction thesis. Time: 10 a.m. to 11:30, Main Corridor of Student Center

Poster Session Do you Believe a Child Needs a "Good Hard Spanking": Social Status and Beliefs about Spanking

Linsey Koeritz and Kimberly Sweeney

This research explores how age, gender, race, region, occupation and education affect Americans beliefs about spanking children. A multistage probability sample of the General Social Survey (1998 and 2000) is used to examine the hypothesis that social status influences beliefs about spanking children. This research shows that as social status increases, measured in terms of education and occupation, American beliefs about spanking decreases. Time: 10:00A-11:30A Main Corridor of Student Center

Venue 3: Roberts C23

History

9:00 - 9:25

John Adams and the Institution of Slavery

Jacob Severns

This presentation will give an in-depth look at John Adams and his stance on the institution of slavery. The presentation will convey Adams' views and actions in regards to slavery. How Adams viewed the Missouri Compromise, the slave revolts in Santo Domingo, and the abolitionists movements, will be topics of discussion.

9:30 - 9:55

The Bowdoin College Drill Rebellion of 1874

Melissa Rogers

In 1874, while Joshua Lawrence Chamberlain was President of Bowdoin College, the students rebelled against the military drill that Chamberlain had instituted. Although we all live in Maine and know a lot about Joshua Chamberlain, the Drill Rebellion is an interesting piece of Maine history that is the result of the post civil war era.

10:00 - 10:25

William T. Sherman

Darcy Adams

During Sherman's march what were his thoughts as he devastated the south? Did he do it for the war effort or were his reasons more personal.

10:30 - 10:55

A 'Declaration of Conscience': Margaret Chase Smith Stands Against McCarthyism

Elizabeth Austin

On the morning of June 1, 1950, a young female Senator from Maine named Margaret Chase Smith gave a 20 min speech entitled " Declaration of Conscience," basically suggesting that McCarthyism was crippling the country. The paper I have written for HTY 400 focuses on the reactions of Margaret Chase Smith's constituents to her famous speech in order to better understand the public's reaction to McCarthyism. Other sources like popular newsmagazines and editorials in newspapers will help give a more comprehensive understanding of the public's reaction to McCarthyism.

11:00 - 11:25

Maine's Response to the Atomic Bomb

David Young

This is basically a presentation on the public's response to Truman's decision to drop the atomic bomb. Using newspaper articles, editorials, letters to the editor, and other primary sources this presentation will try to establish an understanding of how the state of Maine reacted to Hiroshima and Nagasaki.

11:30 - 11:55

Left or Right of Center: The differing opinions of newspapers on Gulf War Syndrome

Carrie Brown

When you pick up your morning paper, do you know which side of center your information is coming from? Whether it is the New York Times or the Washington Post, the information that they present is politically biased. A topic such as Gulf War Syndrome is one that can be easily distorted to convince the reader one way or another, depending on which side of center the paper tends to stand. This presentation investigates information on Gulf War Syndrome, that is provided by both the liberal and conservative newspapers, and brings to light the discrepancies that exist between them.

1:00 - 1:25

The Maine State Federation of Labor and the National Industrial Recovery Act

Gregory Ballard

This will be a presentation based on a paper written for HTY 400. The paper examines the reaction of the Maine State Federation of Labor (MSFL) to the National Industrial Recovery Act, which many workers saw as the first instance of the government officially recognizing the American workers' right to organize into unions. The MSFL is the Maine branch of the American Federation of Labor (AFL), the largest labor organization at that time. This presentation will examine whether the National trends of increased unionization and dissatisfaction of workers, particularly industrial workers, with AFL policies were also present in Maine.

1:30 - 1:55

The Rugby Split of 1895

Bryant Williams

I will be discussing the rugby split of 1895 between the Rugby Union and the Rugby League. The north wanted to professionalize the game of rugby while the south wanted the game to continue to be an amateur game. I will go into detail why the two sides could not come to an agreement and the public's view of the split.

2:00 - 2:25

British and American Propaganda organs in the First World War

Ryan Facey

The first World War is considered by many to be the birth of wartime propaganda as we know it today. Much research has been done on the different forms of propaganda and the messages they presented, but what about the people involved in directing the efforts themselves? How did they feel about their work? Furthermore, were these people true patriots or were they simply doing the job they were given? Both American and British government organizations will be looked at and compared to examine these issues.

Venue 4: Lincoln Auditorium Climate/Seniors/Politics

(9:00 – 11:00 Climate Change Forum)

9:00 - 9:30

Climate history and carbon dioxide

Douglas Reusch

An historical perspective underscores the significance of skyrocketing atmospheric carbon dioxide. The greenhouse effect, the natural component of which raises Earth's average temperature from 58 to a habitable +15 degrees C, may respond to relatively small changes in CO₂ concentration. Recent ice core records document abrupt climate changes that, prior to the dawn of civilization, were frequent, large in magnitude, global in extent, and complete within a decade. Abrupt changes are more common when the climate system is being forced, as it is now by the escalating combustion of fossil fuels.

9:30 - 10:00

A primer on current and future global warming

Drew Barton

This talk will attempt to cut through the media haze by summarizing the prevailing view of scientists on contemporary and future climate change. First, I'll review the evidence that the Earth is heating up as a result of increased greenhouse gas emissions from fossil fuel burning. Second, I'll discuss the projections for future heating and other climate changes, including possible abrupt change. Finally, I'll describe the fingerprint of climate change on ecological systems and projections for future environmental disruption.

10:00 - 10:30

The Bush-Cheney Climate Change Policy (or lack thereof)

Peter Hardy

The energy and environmental policies of the Bush Administration for the past three years will be reviewed, including Bush's broken campaign promise to reduce carbon dioxide emissions, his stonewalling of the Kyoto Protocol, the dismantling of the Clean Air Act of 1970, the energy plan created by Dick Cheney and the oil industry and the subsequent Energy Bill that was narrowly defeated by the Senate last year.

10:30 - 11:00

Environmental Vigilantes- Universities taking the earth into their own hands.

Rachel Thompson, John Woods, Michael Hughes

Members of the student organization Sea Change will explore the many ways universities can promote environmental friendliness. To do this they will first examine some of the environmental initiatives being implemented on other campuses around the country, and will then go on to discuss ways Farmington can become more involved in the green campuses movement. The talk will focus especially on ways that universities can cut back on CO2 emissions and also on how universities can use environmental initiatives to educate students and the surrounding communities about the viability of alternative energy.

11:00 - 11:50

Senior Students Auditioning for Commencement Speech

Interested Senior Students

Senior students will be presenting short 5-minute speeches to be judged for commencement. Their experiences at UMF and their outlook for their futures and the futures of their contemporaries will be shared at this session.

1:00 - 2:00

American Empire, History, and the Fight for Socialism

Sam Webb with Cody LaMontagne leading a question and answer session,

Join a discussion about politics with Sam Webb. Sam Webb will undoubtedly discuss strategies for resistance within an empire, also recent examples of imperial excess, particularly in Haiti, Venezuela, and Cuba. Shaped by long experience in left politics, Webb and his Party have been witnesses to history. He is the person to ask about the future of socialism, of capitalism, the legacies of McCarthyism and Stalinism, and the special place of anti-racist struggle in CP history. Following the talk students and community members are encouraged to participate in a discussing such issues as, revolution versus reform, race and class, elitism versus inclusiveness, and the present state of world affairs.

2:00 - 3:00

Rethinking Middle East and the Idea of Eurocentrism

Yasin Aktay

My aim is to put the global interest in the Middle East as a factor in deconstructing the idea of Eurocentrism. Eurocentrism is supposed to write all history from the European point of view, and claim a universal availability to it. But given the current interests of the European religions in particular, and of the world religion in general to the region, the idea of Eurocentrism seems to be hiding some other intentions, and should be read symptomatically. The world interest in the Middle East brings all major actors of the modern world back to their origins, to the place where and when some constitutive struggles, divisions took place. This makes the Middle East the centre of the world as it is the place where the human consciousness has been formatted. The constitutive occasions goes back to the stories of Abraham, the Sacrifice of Ishmael or Isaac, the story of Israel, the major Diasporas, the emergence of Jesus Christ and the related events, and the formation of the three major world religions out of all these stories.

Venue 5: Roberts 101

Bioethics

1:00 - 1:10

Transhumanism

Kira Taylor

This presentation will be about the pro-biotechnology organizations (transhumanists) that are becoming more widespread, and why they believe that biotechnology is a positive human advancement.

1:15 - 1:25

Class Implications of genetic engineering

James Malley

Genetic engineering and designer babies are right around the corner. Very soon you will be able to enhance your child's I.Q., athletic ability, or even physical appearance. There's only one problem, these enhancements are probably only going to be available to the upper class. What are the implications of this boost that the upper class is going to receive. You thought the playing field was uneven before, how can you compete now?

1:30 - 1:40

The Disassociation of Consciousness and the Strive for Immortality

Jason Cyr

I plan to talk about bio-mechanical interfaces and the projected progress planned. For instance, Stephen Hawkins using his mind to move a mouse across his computer screen. I also plan to talk about the social and individual implications such technologies could have on the population as a whole. I also plan to refer to things that we already do everyday to show that we are always trying to disassociate our minds from our bodies, as well giving some background information on mind/body arguments dating back to Descartes.

1:45 - 2:10

The Terminator: Fiction or Reality?

Travis Lowe & Katie Johnson

Presently, brain/machine interfaces stand on medical ground. However, the therapeutic reasons for such interfaces may very well become possibilities for post-human enhancement. When the desire for enhancement comes into play, where will the "human" line be drawn?

2:15 - 2:30

The Post Human - Cloning

Kristen Jaques

The debates about cloning, both reproductive and therapeutic, intersect with the controversy between pro-life and pro-choice in ways we cannot ignore. Where does the clone fit into this debate? What is its status as a human?

2:35 - 2:50

Legality of Cloning

Amanda Coffin

This presentation will examine the legal issues surrounding cloning. It will explore various approaches to regulating cloning by looking at legislation in the United States, the UN, and in other countries.

2:55 - 3:05

Choosing Our Children: Identifying Homosexuality and the Option of Abortion

Seth Wardwell

This paper will present a situation in bioethics: sexual orientation research. I will give a summary of what has happened in this area of study since its development in 1993, and the bioethical issues surrounding sexual orientation research, such as the parent's ability to "will" their child's genes and change them by either altering their genes or aborting them. What does this do to the abortion debate? Is it still just a woman's choice when the parents have the option to un-accept their child before it has a chance to be born? And finally, could sexual orientation research lead the way toward a post-gender future?

3:10 - 3:20

Developing a Posthuman Aesthetic

Zack Anchors

This presentation will explore the inherently aesthetic nature of many posthuman issues. Employing an art historical perspective, we will consider various models for developing a posthuman aesthetic and explore dilemmas that may arise between the creator and their creation.

3:20 - 3:30

Public Opinion Concerning Biotechnology

Shawna Desrosiers

This symposium will focus on local and national responses to Biotechnology. Results from a poll of UMF students will be presented along with nationwide survey results. Information will also be given about what the leading scientists in the field believe.

Venue 6: Art Gallery

Senior Art Exhibit

1:00 - 3:00

Gallery Talk by 2004 Art Seniors

Laurie Barker, Eric Hathaway, Keith Irving, Liz Zeigler

UMF graduating seniors present their final exhibitions in painting, photography, sculpture and video.

Venue 7: Thomas Auditorium Science/Science Ed.

11:00 - 11:30

Sappers and the Civil War: Tactical Use of Tunnel-Mining in the U.S. in the 1860's

Dr. Tom Eastler

Tunnel-mining as a tactical element of war seems to have been incorporated into Civil War military doctrine in an ad hoc way. The siege of Vicksburg, Petersburg, and Port Hudson combined effects of munitions and terrain effectively from a geologic engineering standpoint but military results were mixed for various reasons. Details of Civil War battles using tunnel-mining will be discussed, including the role geology played. Tunnel-mining has evolved as both a tactical and strategic element of warfare. A paradigm shift from traditional tunnel-mining to a much more deadly analog is ongoing.

11:30 - 11:50

2003 Sandy River Gravel Bar Research Project

John Glowa, Romany Hanson-Smith, Ruth Hill

The Sandy River Project is an ongoing research project in cooperation with both UMF and the Maine Geological Survey. In 2002 the project began with the establishment of a baseline set of roughly ten thousand data points on five gravel bars. This was done through the use of both Total Stationing and GPS equipment. With the subsequent 2003 data set this project was able to assemble both qualitative and quantitative results. Our presentation will include brief videos of each bar, three dimensional "fly throughs" of our data, and three dimensional and graphical representations of our results.

1:00 - 1:15

Antibiotic Resistance at UMF

Christine Miller, Ethan Tracy, Jonathan Fortin

The focus of this research is to investigate whether bacterial strains can be found in the UMF Health Center, and if they are resistant to common antibiotics. It will also allow for further analysis of the strains of bacteria found, and for improved ways of combating antibiotic resistant bacteria in a close community establishment.

1:15 - 1:30

Identification and Isolation of Microsporium canis

Lianne Koczur, Prema Long, Katherine Gassman

This experiment will test for ringworm (*Microsporium canis*) infection in the Franklin County Animal Shelter. The outbreak in the facility has required immediate quarantine to control this contagious dermatophyte. Only some individuals express symptoms while others remain seemingly unaffected. To validate that asymptomatic individuals are not carriers, samples will be taken from all suspected infectious animals and cultured to detect the presence of *M. canis*. In addition to testing for the presence of ringworm, DNA will be isolated from fungi, using Eukaryotic DNA Extraction techniques. Depending on time, DNA will be isolated and then specific genes, that are characteristic of dermatophytes, will be targeted using polymerase chain reaction (PCR) techniques.

1:30 - 1:45

The Effects of UV light on Ampicillin Resistant Mutation in E. coli

Mark Eisel, Whitney Paccione, Dinesh Pokhrel

This project is designed to test if, and to a limited degree, the extent to which *Escherichia coli* will develop resistance to the antibiotic Ampicillin after the bacteria is exposed to ultraviolet light. The growing prevalence of antibiotic resistance in infectious agents is a result of natural selection. Natural selection though, doesn't answer the question of how antibiotic resistance in the agent got its start. Ultraviolet light is known to be damaging to DNA, but *E. coli* has the capacity to repair and change its genetic material. This experiment may shed some light on a pathway for the genesis of resistance. A more practical application is the irradiation of meat as a means of killing bacteria. If irradiation can lead to antibiotic resistance, those that survive this process may be more resistant than when they started.

1:45 - 2:00

Transmission of Antibiotic Resistance Markers (Kanamycin) in Genetically Modified Food

Michael Crowe, Amanda Lewis, Andrew Marble

In this experiment, gene transmission from plants to bacteria will be tested in genetically engineered food. Genetically modified organisms (GMO's) are organisms which have been modified by having selected genes spliced into their DNA. These foreign genes are almost always accompanied by a "marker" gene which can then be used as a signal to alert scientists where exactly the selected genes are in the organism's genome. By allowing bacteria to feed on one of these genetically engineered foods, it is likely that the antibiotic resistance marker genes will be incorporated into the bacteria's DNA through transformation. Since one common marker used to find the foreign genetic material is the kanamycin resistance gene, bacteria grown on agar laced with Kanamycin should show whether gene incorporation has taken place.

2:00 - 2:15

Bridging Local Genetics to Student Understanding

Paul Harriman, Shannon Martin, Rachel Murphy

This project's goal is to create unique and challenging laboratory experiments that are appropriate for high school biology classes studying genetics. The objectives of these experiments are for students to gain an understanding of Mendelian genetics, probability statistics, and the basic laboratory procedures/safety. To accomplish these goals, the experiments will be tested in the laboratory before being presented to students. The relevance of this project to secondary education is that genetics is currently a controversial topic within the education arena. Genetics challenges the beliefs set forth by previous teachings. Through knowledge of evolution comes understanding of biology itself. By bringing genetics into the classroom fears caused by the changing of current attitudes will be met with understanding.

2:15 - 2:30

Bacteria Viability and Vulnerability to Viral Infection Following UV Exposure

Samantha Langois, Michelle Mosher and Amy Tardif

UV radiation is known to cause cellular damage to living organisms. This presentation addresses the affect of short and long-term exposure to UVA and UVB radiation in E. coli bacteria. Data is discussed in terms of species viability and species susceptibility to viral infection with the T1 bacteriophage. UV radiation induced DNA damage is of interest due to its negative effects on individual species and ecosystems. It is also of interest as researchers explore the use of phages as antimicrobial agents for targeting antibiotic resistant bacteria.

2:30 - 2:40

Harvey Aft Award For Excellence In Chemistry

Chemistry Faculty

Each year the chemistry faculty recognizes a student who has excelled in upper-level chemistry courses, has outstanding general scholarship, has demonstrated interest in chemistry, and projects a good attitude toward the field. Please join us when we announce the winner and present the award.

Venue 8: Ricker 14

Computer Science

Poster Session

A \$150 PC!?

Jesse Hart Julian Doucette

Explanation of how similar an XBOX is to a computer, and how you can install and run the Linux Operating System on it.

Poster Session

Beginning HTML

Tiffani Mailloux Ashley Gagnon

Learn the basics of making your own website.

Venue 9: Ricker 15

Miscellaneous Topics

9:00 - 10:00

Experiences of Studying Abroad in France

Christy Wyatt, Kira Knowles, Cynthia Ravinski

Other students had a similar symposium last year for an hour. The time was well taken up with questions from the audience. Each student will have their own topic and experiences to share. The first student is going to mainly cover travel experiences and show pictures on a power point. For this will be needing a laptop computer. The second student will mostly be talking about the experience of being in France during

the war, how that affected her stay, and related issues. Both of these students were in Le Mans, France and the discussion will be relevant to that university. The third student was in Angers, France and she will be talking about her experiences at that university.

10:00 - 10:15 Observations from the French and English Education Systems

Erica Emery

This symposium will give an overview of the current teaching pedagogies being used in France and England. More specifically, the techniques for teaching and implementing writing into these education systems will be discussed. The information will cover all grade levels but with a concentration on secondary and higher education. The research done for this project was completed during the May Term 2003 for ENG 301.

10:30 - 10:55 Discussion of Evolution and Intelligent design.

Eric Leschinski

I will discuss the scientific evidence and feasibility of both evolution and intelligent design. Intelligent design is the idea that humans are too complex and too consistent to have been brought about by random modifications. The presented ideas will be limited to scientific arguments and logical ideas. We will discuss physics laws, ancient man, carbon and radiometric dating, interspecies hybridization, dinosaurs, microscopic life forms, genetics, Darwin's Finches, and other scientific arguments supporting and casting doubt on evolution and intelligent design.

11:00 - 11:25 Creation Science vs. Evolution Science- A Debate

Jeanine Alberto and Keegan Reardon

This is a debate regarding the teaching of creation science and evolutionism in public schools. The debate uses Edwards v. Aguillard, a 1987 Supreme Court case about a Louisiana law mandating the teaching of creation science in public schools, as a starting off point for discussion.

11:30 - 11:45 Cannabis Reform in Maine: What We've Done and Where We Can Go

John Woods

This will seek to discuss current cannabis policy in Maine, health risks and benefits attributed to cannabis use, and where Maine can and should go in the future regarding cannabis policy.

1:00 - 1:10 Killer Coke: At What Cost?

John Woods

This will explore the business practice of Coca-Cola Inc. and present information regarding their worker's rights abuses in South America. It will also explore the place of Coca-Cola here at UMF.

1:15 - 1:40

Interning in the United State Senate

Seabren P Reeves III

This will be presentation about the experiences I gained on both a professional and personal level as a Congressional summer intern for Senator Susan Collins in Washington, D.C. in the summer of 2003. I will discuss the inner workings of the US Senate, the jobs of its interns, and the "work hard, play hard" attitude of summer interns in Washington, D.C.

1:45 - 1:55

Democrats on Campus: Where Have We Gone?

John Woods

A discussion of Democrats and their involvement on campus, and announcing the start of the UMF College Democrats.

2:00 - 2:25

Recall: Should Maine Implement a Statewide System?

Daniel Savage

A presentation on the process of recall of public officials including a brief history of the concept, policy differences between states, case studies of past recalls, Maine's use only on the local level, and various opinions on the issue of statewide recall in Maine.

2:30 - 2:55

The Various Frustrations and Joys of Practicum and Internship Placements

Scott Sinay

This presentation will highlight the many joys and frustrations that a person has to take into account when he or she is in the process of finding or while in doing a practicum or internship. The information for this presentation will be educated through a powerpoint presentation and questions asked by the presenter to the audience about the material being covered.

Venue 10 Ricker 202

Miscellaneous Topics

9:00 - 10:30

What Do People Do, Think, and Feel?

Students of PSY 400 Research Methods

Students will present the findings of their research studies conducted this semester, including --The effect of music on mood (Nichole Smith & Amanda Van Wagner) --Does sweatshop manufacturing impact one's purchase? (Rachel Brennan & Rachel Hazel) --Correlates of tattoos (Christopher Bradshaw, Cynthia Fort & Jeremiah Gattis) --Should defendant's age affect the death penalty decision? (Amanda Charbonneau) --Gender and social skills(Samantha Delorie, Rebecca Goss) --The impact of smoking advertisements (Kristin Lichtenfels & Addie Price) --Do drinking, skiing, and snowboarding affect GPA? (John Humphries & Nathan Miller) --Coping abilities of traditional and non-traditional students (Anna-Rose Carbone) --Self attribution and other attribution (Briann Sharkey)

11:00 - 12:00

Alpine Snow Kids: Teaching Grades K-3 Wintersports

UMF Ski Industries Practicums

Alpine Snow Kids (ASK) is an after school ski program for 65 children in SAD 9, grades K-3. The program is designed and staffed by students in the Ski Industries Program. First year students in Ski 150 are paired with sophomore level practicum students. The practicum students serve as mentors for the first-year students. Upperclass ski industries students serve as ASK program directors and assist in curriculum development. In addition to serving as a community classroom for the Ski Industries Program, the ASK program works in conjunction with Titcomb Mountain to expose children to life long winter activities. The group presentation will tell the story of what the children from SAD 9 have taught the students from the UMF Ski Industries Program.

1:00 - 1:50

Archie Bunker's Neighborhood: Is This Your Neighborhood?

Amanda Coffin and Chelsea Goulart

Come learn more about poverty in this interactive activity and discussion. Participation in our main activity is limited, but everyone is welcome to come to observe and discuss this important issue. Part of the Institute on Rural Poverty's Spring 2004 Poverty Series.

2:00 - 2:30

Yoga practice Q&A

Ezra Pryor

The teachings of yoga are the oldest things known. In fact many would say that yoga predates a spoken language due to its ability to be physically communicated. Despite common belief, there is a lot more to yoga than just poses or postures. Yoga offers a guide to the human body and to the human mind, discovering the soul is your own place and will not be included in the discussion.

Venue 11: Ricker 205 Business (am) / Math (pm)

9:00 - 9:25

The television business from a Business/Economics intern's point of view

Loring Giles

Being the Intern for a small television studio sounds like fun and games primarily because it is fun and games. It is fun and games plus a great deal of work. Producing live television is a stressful endeavor. This presentation includes a lecture detailing the experiences and learning I have had while working for WSKI TV 17. Watch the video tour of the studio and selected segments that have aired this season.

9:30 - 9:55

Fundamentals and Strategies of the Business Strategy Game

Nathaniel DeLalio

This will be a presentation explaining the basics of the business strategy game, focusing on company profitability and general strategies for product differentiation. Information presented will cover all of the factors that influence price, quality, and overall sales, as well as future planning and goal setting.

10:00 - 10:25 Sex Sells

Tara Vary

Sex Sells, is a marketing maximum. But do any of us ever really think about it? Why does it sell, who is selling and who is buying? What effects do these stereotypes have on us as a culture, as individuals? The discussion will feature subliminal messaging effects in today's society.

10:30 - 10:45 What makes NASCAR so successful

Matthew Greenleaf

A powerpoint presentation focusing on the marketing aspects of Nascar, and why they have become so successful.

1:00 - 2:00 Applications of Combinatorics and Graph Theory

Peter Hardy and his MAT253 students

The students from MAT253 will explore real-world applications of Combinatorics and Graph Theory. Topics include calculating the odds in Texas Hold'em Poker and Farkel, license plate numbering, sports tournaments, NFL scheduling and a map coloring of Africa.

2:00 - 3:00 Mathematical Games and Puzzles

Peter Hardy and his MAT100 students

Two sections of MAT100 will compete against each other in a variety of mathematical games and puzzles including Set, Farkel, Blink, Twenty-Four and the Attribute Game.

Venue 12: Ricker 207 Business/Economics

9:00 - 9:25 Case Study: World Wrestling Entertainment

Regina Phillips, Cooper Willard

This symposium will discuss the secrets behind the success of the WWE. Particularly, we will discuss the innovations and changes made by Vince McMahon Jr. after he purchased the business from his dying father. A few examples of the changes Vince Jr. implemented were televising the matches to a national audience, purchasing or driving out the smaller wrestling organizations, and issuing detailed personas for each wrestler including background stories, props, and costumes. These are just a few of the key elements that contributed to the revenue growth and globalization of the WWE. Other topics that will be examined are some major challenges that McMahon faced such as competition from Ted Turner, owner of the World Championship Wrestling league, and an in depth look at the war between old school Bret "The Hitman" Hart and new school "Stone Cold" Steve Austin.

9:30 - 9:55

Establishing Company Direction for Competitive Advantage

Roy Dufort and Becky Picott

This is an introduction to “Establishing Company Direction” once that company has a product or service that it wants to sell. It includes developing strategic visions, setting objectives, and crafting a strategy. Some major factors of decision making such as societal and political factors as well as the importance of a good mission statement will be discussed. Collectively, these factors work towards the goal of gaining a competitive advantage.

10:00 - 10:25

Business Models and Strategies in the Internet Era

Thomas Peters Ian Miller

This presentation will examine the assortment of strategic issues surrounding the Internet and e-commerce. It will explore the impact of the internet on competition and if the internet will prove to be a vehicle for increasing or decreasing industry profitability. It will also examine how internet technology is altering the ways in which value chain activities are preformed. It will conclude with a discussion of the three major business categories: pure dot-com, bricks-and-clicks, and traditional business.

10:30 - 10:55

Strategy and Competitive Advantage in Diversified Companies

Rick LeBlanc, Josh Neault

This presentation, Strategy and Competitive Advantage in Diversified Companies will describe different types of competitive advantage. The pros and cons of diversification in small and large corporations will be discussed as well as when a company should consider diversification and when they may be spreading their resources too thin. Some techniques that will be discussed are; mergers/acquisitions, internal start-up, strategic partnerships, corporate restructuring and multinational diversification.

11:00 - 11:25

Evaluating Company Resources & Competitive Capabilities

Molly Whitehouse & Taylor Warren

To evaluate a company’s resources and competitive capabilities can be determined by answering five situation analysis questions. These questions are: How well is the company’s present strategy working? What are the company’s resource strengths & weaknesses and its external opportunities and threats?. Are the company’s prices & costs competitive? How strong is the company’s competitive position relative to its rivals?, and What strategic issues does the company face? This analysis of their current situation examines the specific components of a company’s strategy and how they compare to their competitors by looking at each activity individually rather than an overview. This presentation will address these questions and look at how managers craft the original strategy because “good company situation analysis, like good industry and competitive analysis, is a crucial prerequisite to good strategy-making.”

11:30 - 11:45

Corporate Culture and Leadership

Sarah Paine

This presentation will be examining methods of supportive strategic culture. Within the firm’s culture I will inspect the leadership needed to make the business strategy a reality. Leadership involves creating a strong business ethic, organizing, controlling, planning and implementing the strategies set forth by top

management. The right corporate culture and leadership will thrive on meeting performance targets and being part of a winning effort.

1:00 - 1:25

Value Chain Analysis

Kyle Solebello

This presentation will examine the concept of a company's value chain. Value Chain analysis identifies the primary activities that create value for customers and related support activities. Each primary activity as well as each cost of the value chain will be identified. Specific activities discussed will include: suppliers, inbound and outbound logistics, operations, distribution, services, marketing, and profit margin.

1:30 - 1:55

Perdue Farms, Inc.; 21st. Century Challenges

John Bartash

A strategic management analysis of the organization and development of Perdue Farms: emphasis will be placed upon Perdue's strategic planning in a changing environment. What are the risks and resource allocation changes necessary to maintain its competitive advantage into the next millennium.

2:00 - 2:25

Competition in the Global Wine Industry: A U.S. Perspective

Jason Hilt

The heavy emphasis on exporting has lead to a highly competitive global market for wine consumption. The United States, while being the fourth largest producer of wine, holds only about 4.2% of the exporting market. With a more globally competitive environment, analysts are suggesting that the U.S. producers increase their focus on exporting in order to stay competitive. This presentation will provide an overview of the wine industry, and how the U.S. is positioned to make a greater stance in the global wine market, with such companies as the Gallo Winery, Mondavi Corporation, and Beringer Wine Estates, Inc.

2:30 - 2:55

Evaluating the Strategies of Diversified Companies

Erik Mitchell & Jeff Beck

This presentation will examine the strategies of diversified companies. The strategies examined will include: identifying the present corporate strategy, applying the industry attractiveness test, the competitive strength test, the strategic-fit test, the resource-fit test, ranking the business and business units in terms of priority for resource allocation, and crafting new strategic moves to improve overall corporate performance. This eight step process will be the focus of our presentation.

3:00 - 3:15

Building Resource Strengths and Organizational Capabilities

Christopher Scerbo

Building resource strengths and organizational capabilities is an operations driven activity. Implementing an upper management strategy is often a more complicated task than developing the strategy itself. What to do now vs. later? What requires much time with personal attention? What can be delegated to others? These are the questions that will constitute the basis of this presentation.

Venue 13: Ricker 217

Health

9:00 - 9:25

AMEN Assessment Meets Exercising/Elders Needs

Jennifer Pageot, Danel Bahr, Michelle O'Meara

AMEN, Assessment Meets Exercising/Elders Needs, was created as part of the service-learning requirement for HEA 411, Health Education and Planning. AMEN assessed the REAL Fitness program at the Mount Saint Joseph Community Living Center in Waterville, Me, where the program REAL Fitness has been keeping the residents exercising for over five years. The population included residents ranging in age from 60 to over 100 years old. The purpose of the AMEN project was to assess the current program and to provide recommendations that would best meet the resident's specific fitness needs

9:30 - 9:55

2nd Annual Stride into Spring Pedometer Program 2004

Corey Bernard, Rachel Brennan and Katherine Erb

Service Learning Project HEA411 Health Promotion and Planning Just Move It is in response to last year's very successful program. The Just Move It Crew's goal is to promote physical fitness among UMF employees throughout the month of April and hopefully start a life-long healthy habit. Collaborated with the UMF Health and Fitness Center and the Healthy Community Coalition, Just Move It is planning, implementing and evaluating a pedometer program for UMF employees during the month of April. The purpose of this program is to promote healthy movement to aid in the prevention and/or relieve harmful risks that go hand-in-hand with being overweight or obese. The Just Move It Crew is very excited about this program and hopes it becomes more successful this year and in the years to come!

10:00 - 10:25

The Nutty Buddy Bunch

Jennifer Berry, Stephanie Hiller, Tiffany Surette

The "NBB" is the service learning project for Health Education Planning (HEA 411). The Goal of the "NBB" is to introduce information to families and children at Creative Care Preschool in Farmington, Maine. Early intervention is most effective in promoting life long nutritional habits. According to Ability Maine, a website designed by Russell Anderson, about 25 to 30 percent of pre-school and school-age children in the United States are overweight or obese, which puts them at a high risk for heart disease, diabetes, high cholesterol, sleep apnea, asthma, orthopedic problems, hypertension and other health problems. The primary target population was the children attending Creative Care Preschool. The secondary population included the parents or legal guardians of the children. Data from various needs assessments was used to meet individual learning needs regarding nutrition. The "NBB" also provided a planned educational program that provided healthy snacks.

10:30 - 10:55

SCRUB Project

Nate Galeota, Lorie Mehuren, Jennifer Hallett, and Andrea Tuttle

SCRUB "Soap Can Reduce Unwanted Bacteria" is a service learning project in HEA 411, Health Education Planning. Information from a needs assessment, obtained by HEA 100 students, identified sanitation and hygiene among top health concerns on UMF campus, specifically within campus residence hall bathrooms. The goal of SCRUB is to promote good hygiene as a means to prevent infectious disease among college students residing on the UMF campus. Data collected by students noted that soap is not

always available in UMF residence hall bathrooms. SCRUB will both promote individual handwashing techniques and hygiene and, then assess the need for environmental factors such as regular cleaning of the bathrooms and the availability of soap. Health information on those topics will be posted in the resident bathrooms and to the student residents and recommendations will be made to the campus community.

11:00 - 11:25 Healthy Choices

Tara Faiola, Hilary Kurlanska, and Wendy Pond

THEY, "Teaching Health and Empowering Youth" is a service learning project of HEA 411 Health Education Planning. Team members include Hilary Kurlanska, Tara Faiola, and Wendy Pond. THEY was formed to assist the school nurse at Phillips Elementary School in developing a health education curriculum for grades 7 and 8, focusing on content areas of reproductive health, sexually transmitted diseases, and substance abuse.

1:00 - 1:25 Changes in Public Health Infrastructure as a Result of the 2001 Terrorism Attacks

Diana White, Michael Ward

The United States had been preparing for terrorism attacks during the Clinton administration. The 2001 attacks, particularly the anthrax outbreak caused by postal bioterrorism, focused efforts and provided funds for changes in the surveillance and response capabilities of the US public health system. The unique challenges presented by bioterrorism are described, as well as the way the public health system sees investments in infrastructure as a way to improve the delivery of ongoing services.

1:30 - 1:55 Eggs as a study in different farming practices

Dave Daly, Erin Findlan , Liza Sprout

Eggs are one of the most consumed products in America. From breakfast to dinner, millions of people eat eggs every day. Unfortunately, the majority of people that consume eggs have no idea where they come from. We will discuss the human and environmental impact of egg production and associated pollution. This will be related to the broader context of sustainable agricultural methods as compared to factory farming.

2:00 - 2:25 What is Good for Women is Good for the World: A Look at the Relationship Between Women and their Environment

Jeramie Greenleaf, Brandi Rideout, Stacy Jochem, Chanda Turner

This presentation takes a look at the direct relationship between the status of women and the health of the environment. Women of the world are most often the decision makers in the household regarding consumption of resources. However, they are usually not included in policy activities designed to promote sustainable development. We will look at this relationship, how it affects sustainable development, and how we can include women in improving their environments. We will discuss progress made throughout the world, with specific emphasis on the programs and successes accomplished in Afghanistan, as well as where we go from here.

2:30 - 2:55

Preventing Date Rape

Corey Bernard, Nate Galeota

It is important that everyone be aware of the ease with which date rape can occur, how it can happen, and how to prevent it. This presentation will cover several of the substances used in date rape, misconceptions about how date rape occurs, and how to prevent it from happening.

3:00 - 3:25

Creatine and Steroids

Patrick Dugas, Tony Solis

Creatine and Steroids By: Patrick Dugas & Tony Solis This is a presentation about creatine and steroids, and the impact that use of these drugs and supplements has on athletes and the sports that they play. The views of both proponents and opponents will be examined. This presentation will also include a brief history of these substances, as well as short and long term effects.

3:30 - 3:55

Alcohol and the children it effects

Tracie Morrow and Elisha Osborn

Alcohol use and abuse effects children in families as well as the adults who drink. This presentation focuses on the effect of alcohol on children. Survivors of parental substance abuse may be left with emotional, developmental, and physical challenges that may plague these children throughout their lives. We will focus on fetal alcohol syndrome as well as other varying forms of child maltreatment that may be the result of parental alcohol abuse.

Venue 14: Latte Landing Performance

9:00 - 9:50

"Shakespearean Idol" (an American Idol parody) and "Villainous Shakespeare," a kind of roundtable of evildoers.

Eric Brown's Shakespeare Section 1, Groups 3 and 4

A collaborative performance project based on one or more of the following Shakespeare texts: The Phoenix and Turtle, Venus and Adonis, A Midsummer Night's Dream, Titus Andronicus, Hamlet, Much Ado about Nothing, Henry V.

11:00 - 11:50

"Jerry Springer: I'm Sleeping with My Dead Husband's Brother" (a Hamlet talk show) and "Cooking with Titus," a tragic and apparently bloody Emeril-type show.

Eric Brown's Shakespeare Section 2, Groups 3 and 4

A collaborative performance project based on one or more of the following Shakespeare texts: The Phoenix and Turtle, Venus and Adonis, A Midsummer Night's Dream, Titus Andronicus, Hamlet, Much Ado about Nothing, Henry V.

Venue 15: Nordica Auditorium Music

12:15 - 12:45

Brown Bag Concert featuring Gregorian and Old Roman Chant

Jason Gutekunst, Helene Maignan.

The "chant" Brown Bag concert for today will consist of a diversity of pieces, drawing primarily from the propers of the mass for the Septuagesima Sunday celebration. The theme is a comparative approach to Gregorian and Old Roman chant repertoires, and features three paired sets of chants: Introit - Circumdederunt Me, Offertory: Bonum est Confiteri, and Communion: Illumina Faciam Tuam --- with Gregorian and Old Roman (radically different) versions of each. The concert will conclude with a piece of 16th century polyphony, sung in the Catalan language as a duet.

Venue by Venue Listing and Times

| | | |
|--|--|---|
| Venue 01 CR 123 Exhibit and Reading | | Exploring England Through Photography |
| All Day Exhibit | Jamie Beam, Shauna Brittel, Jessica Ellingwood, Holly Haywood, Lacey Hebert, Laura Kennie, Debbie Knutson, Dan Manson, Kristen Slefinger, Rebekah Swierk | |
| 10:00 - 12:00 | Students of Luanne Yetter, Marilyn Wegner, and Elizabeth Cooke | Composition Writers Go to the Podium to READ their essays |
| 1:00 - 1:45 | Katie Schlieper and Elizabeth Cooke | A Student and Her Professor Travel to Beijing to Sell Their Book For Contract |
| 2:00 - 3:00 | Pat O'Donnell and Students | Advanced Fiction Students Read Short-Shorts |
| Venue 02 Stud Ctr Posters and Exhibit | | |
| All Day Exhibit | Andrea Freed's 3 Sections of EDU 304: | Organic Creations: Form Follows Function |
| Poster Session | Dolores Appl, Tiffany Trahan, and students from SED 375 students in MAT102 sections 1 and 2 | Parent-Child Playgroups: The PIWI Approach |
| Poster presenters should be available from 11:00-12:00 to discuss and answer questions. | Corriveau, Catherine Elaine, Hanson-Smith, Romany S., Knapp, Kevin W, Levesque, Ted W, Staples, Seth Adrian, Waterhouse, Matthew D Ted W. Levesque | What are the characteristics of a typical UMF student? |
| | Ken Baker, Maryellen Crouch, and Dr. Dan Buckley | Carbon fluxes related to seafloor uplift, New Caledonia: Trigger for growth of Antarctic ice sheet? |
| | students in PHY 101, Descriptive Astronomy | A Cold-Water Carbonate-Rich Sand Beach: Cape Freels, Northeast Newfoundland |
| | Wendy Oakley and CLUE staff | Mapping Distributions of common Aquatic Macrophytes Using GPS/GIS Technology in Rangeley, Maine Lakes |
| | Andrew Sweeney | Planetary Posters: Student Work in Descriptive Astronomy |
| | James Gammon, David Beale | CLUE: an after-school program at Mt. Blue Middle School |
| | Jamison Olson | Social Integration and Crime: Does Social Detachment Lead to Crime? |
| | Linsey Koeritz and Kimberly Sweeney | Comparisons of Racially Biased Opinions: A Study of Black and White Perceptions of Work Ethic and IQ |
| | | Upward Mobility and the Sexes: The Effects of the Father's Occupation on Adult Achievement |
| | | Do you Believe a Child Needs a "Good Hard Spanking": Social Status and Beliefs about Spanking |
| Venue 03 Roberts C23 History | | |
| 9:00 - 9:25 | Jacob Seaverns | John Adams and the Institution of Slavery |
| 9:30 - 9:55 | Melissa Rogers | The Bowdoin College Drill Rebellion of 1874 |
| 10:00 - 10:25 | Darcy Adams | William T. Sherman |
| 10:30 - 10:55 | Elizabeth Austin | A 'Declaration of Conscience': Margaret Chase Smith Stands Against McCarthyism |
| 11:00 - 11:25 | David Young | Maine's Response to the Atomic Bomb |
| 11:30 - 11:55 | Carrie Brown | Left or Right of Center: The differing opinions of newspapers on Gulf War Syndrome |
| 1:00 - 1:25 | Gregory Ballard | The Maine State Federation of Labor and the National Industrial Recovery Act |

| | | |
|---|--|--|
| 1:30 - 1:55 | Bryant Williams | The Rugby Split of 1895 |
| 2:00 - 2:25 | Ryan Facey | British and American Propaganda organs in the First World War |
| Venue 04 C131 Lincoln Auditorium Climate Change Forum/ Senior Speakers/ Politics | | |
| 9:00 - 9:30 | Douglas Reusch | Climate history and carbon dioxide |
| 9:30 - 10:00 | Drew Barton | A primer on current and future global warming |
| 10:00 - 10:30 | Peter Hardy | The Bush-Cheney Climate Change Policy (or lack thereof) |
| 10:30 - 11:00 | Rachel Thompson, John Woods, Michael Hughes | Environmental Vigilantes- Universities taking the earth into their own hands. |
| 11:00 - 11:50 | Interested Senior Students | Senior Students Auditioning for Commencement Speech |
| 1:00 - 2:00 | Sam Webb with Cody LaMontagne leading a question and answer session, | American Empire, History, and the Fight for Socialism |
| 2:00 - 3:00 | Yasin Aktay | Rethinking Middle East and the Idea of Eurocentrism |
| Venue 05 Roberts 101 The Posthuman | | |
| 1:00 - 1:10 | Kira Taylor | Transhumanism |
| 1:15 - 1:25 | James Malley | Class Implications of genetic engineering |
| 1:30 - 1:40 | Jason Cyr | The Dissociation of Consciousness and the Strive for Immortality |
| 1:45 - 2:10 | Travis Lowe & Katie Johnson | The Terminator: Fiction or Reality? |
| 2:15 - 2:30 | Kristen Jaques | The Post Human - Cloning |
| 2:35 - 2:50 | Amanda Coffin | Legality of Cloning |
| 2:55 - 3:05 | Seth Wardwell | Choosing Our Children: Identifying Homosexuality and the Option of Abortion |
| 3:10 - 3:20 | Zack Anchors | Developing a Posthuman Aesthetic |
| 3:20 - 3:30 | Shawna Desrosiers | Public Opinion Concerning Biotechnology |
| Venue 06 Art Gallery Senior Show | | |
| 1:00 - 3:00 | Laurie Barker, Eric Hadaway, Keith Irving, Liz Zeigler | Gallery Talk by 2004 Art Seniors |
| Venue 07 Thomas Auditorium Science | | |
| 11:00 - 11:30 | Dr. Tom Eastler | Sappers and the Civil War: Tactical Use of Tunnel-Mining in the U.S. in the 1860's |
| 11:30 - 11:50 | John Glowa, Romany Hanson-Smith, Ruth Hill | 2003 Sandy River Gravel Bar Research Project |
| 1:00 - 1:15 | Christine Miller, Ethan Tracy, Jonathan Fortin | Antibiotic Resistance at UMF |
| 1:15 - 1:30 | Lianne Koczur, Prema Long, Katherine Gassman | Identification and Isolation of Microsporium canis |
| 1:30 - 1:45 | Mark Eisel, Whitney Paccione, Dinesh Pokhrel | The Effects of UV light on Ampicillin Resistant Mutation in E. coli |
| 1:45 - 2:00 | Michael Crowe, Amanda Lewis, Andrew Marble | Transmission of Antibiotic Resistance Markers (Kanamycin) in Genetically Modified Food |
| 2:00 - 2:15 | Paul Harriman, Shannon Martin, Rachel Murphy | Bridging Local Genetics to Student Understanding |
| 2:15 - 2:30 | Samantha Langois, Michelle Mosher and Amy Tardif | Bacteria Viability and Vulnerability to Viral Infection Following UV Exposure |

| | | |
|---------------------------|---|--|
| 2:30 - 2:40 | Chemistry Faculty | Harvey Aft Award For Excellence In Chemistry |
| Venue 08 Ricker 14 | Computer Science | |
| Poster Session | Jesse Hart Julian Doucette | A \$150 PC!? |
| Poster Session | tiffani mailloux ashley Gagnon | beginning HTML |
| Venue 09 R15 | Miscellaneous | |
| 9:00 - 10:00 | Christy Wyatt, Kira Knowles, Cynthia Ravinski | Experiences of Studying Abroad in France |
| 10:00 - 10:15 | Erica Emery | Observations from the French and English Education Systems |
| 10:30 - 10:55 | Eric Leschinski | Discussion of Evolution and Intelligent design. |
| 11:00 - 11:25 | Jeanine Alberto and Keegan Reardon | Creation Science vs. Evolution Science- A Debate |
| 11:30 - 11:45 | John Woods | Cannabis Reform in Maine: What We've Done and Where We Can Go |
| 1:00 - 1:10 | John Woods | Killer Coke: At What Cost? |
| 1:15 - 1:40 | Seabren P Reeves III | Interning in the United State Senate |
| 1:45 - 1:55 | John Woods | Democrats on Campus: Where Have We Gone? |
| 2:00 - 2:25 | Daniel Savage | Recall: Should Maine Implement a Statewide System? |
| 2:30 - 2:55 | Scott Sinay | The Various Frustrations and Joys of Practicum and Internship Placements |
| Venue 10 R202 | Miscellaneous | |
| 9:00 - 10:30 | Students of PSY 400 Research Methods | What Do People Do, Think, and Feel? |
| 11:00 - 12:00 | UMF Ski Industries Practicum | Alpine Snow Kids; Teaching Grades K-3 Wintersports |
| 1:00 - 1:50 | Amanda Coffin and Chelsea Goulart | Archie Bunker's Neighborhood: Is This Your Neighborhood? |
| 2:00 - 2:30 | Ezra Pryor | Yoga practice Q&A |
| Venue 11 R205 | Business (am) / Math (pm) | |
| 9:00 - 9:25 | Loring Giles | The television business from a Business/Economics intern's point of view |
| 9:30 - 9:55 | Nathaniel DeLallo | Fundamentals and Strategies of the Business Strategy Game |
| 10:00 - 10:25 | Tara Vary | Sex Sells |
| 10:30 - 10:45 | Matthew Greenleaf | What makes NASCAR so successful |
| 2:00 - 3:00 | Peter Hardy and his MAT100 students | Mathematical Games and Puzzles |
| 1:00 - 2:00 | Peter Hardy and his MAT253 students | Applications of Combinatorics and Graph Theory |
| Venue 12 R.207 | Business/Economics | |
| 9:00 - 9:25 | Regina Phillips, Cooper Willard | Case Study: World Wrestling Entertainment |
| 9:30 - 9:55 | Roy Dufort and Becky Picott | Establishing Company Direction for Competitive Advantage |

| | | |
|---------------|----------------------------------|---|
| 10:00 - 10:25 | Thomas Peters Ian Miller | Business Models and Strategies in the Internet Era |
| 10:30 - 10:55 | Rick LeBlanc, Josh Neault | Strategy and Competitive Advantage in Diversified Companies |
| 11:00 - 11:25 | Molly Whitehouse & Taylor Warren | Evaluating Company Resources & Competitive Capabilities |
| 11:30 - 11:45 | Sarah Paine | Corporate Culture and Leadership |
| 1:00 - 1:25 | Kyle Solebello | Value Chain Analysis |
| 1:30 - 1:55 | John Barash | Preduce Farms, Inc., 21st Century Challenges |
| 2:00 - 2:25 | Jason Hill | Competition in the Global Wine Industry: A U.S. Perspective |
| 2:30 - 2:55 | Erik Mitchell & Jeff Beck | Evaluating the Strategies of Diversified Companies |
| 3:00 - 3:15 | Christopher Scerbo | Building Resource Strengths and Organizational Capabilities |

Venue 13 R217 Health

| | | |
|---------------|--|--|
| 9:00 - 9:25 | Jennifer Pageot, Daniel Bahr, Michelle O'Meara | AMEN Assessment Meets Exercising/Elders Needs |
| 9:30 - 9:55 | Corey Bernard, Rachel Brennan and Katherine Erb | 2nd Annual Stride into Spring Pedometer Program 2004 |
| 10:00 - 10:25 | Jennifer Berry, Stephanie Hiller, Tiffany Surette | The Nutry Buddy Bunch |
| 10:30 - 10:55 | Nate Galeota, Lorrie Mehuen, Jennifer Hallett, and Andrea Tuttle | SCRUB Project |
| 11:00 - 11:25 | Tara Faiola, Hilary Kurianska, and Wendy Pond | Healthy Choices |
| 1:00 - 1:25 | Diana White, Michael Ward | Changes in Public Health Infrastructure as a Result of the 2001 Terrorism Attacks |
| 1:30 - 1:55 | Dave Daly, Erin Fmindlan, Liza Sprout | Eggs as a study in different farming practices |
| 2:00 - 2:25 | Jeranie Greenleaf, Brandi Rideout, Stacy Jochem, Chanda Turner | What is Good for Women is Good for the World: A Look at the Relationship Between Women and their Environment |
| 2:30 - 2:55 | Corey Bernard, Nate Galeota | Preventing Date Rape |
| 3:00 - 3:25 | Patrick Dugas, Tony Solis | Creatine and Steroids |
| 3:30 - 3:55 | Tracie Morrow and Elisha Osborn | Alcohol and the children it effects |

Venue 14 Latte Landing Performance

| | | |
|---------------|--|--|
| 9:00 - 9:50 | Eric Brown's Shakespeare Section 1, Groups 3 and 4 | "Shakespearean Idol" (an American Idol parody) and "Villainous Shakespeare," a kind of roundtable of evildoers. |
| 11:00 - 11:50 | Eric Brown's Shakespeare Section 2, Groups 3 and 4 | "Jerry Springer: I'm Sleeping with My Dead Husband's Brother" (a Hamlet talk show) and "Cooking with Tits," a tragic and apparently bloody Emeril-type show. |

Venue 15 Nordica Auditorium Concert

| | | |
|---------------|-----------------|---|
| 12:15 - 12:45 | Jason Gutekunst | Brown Bag Concert featuring Jason Gutekunst |
|---------------|-----------------|---|