



MILLIKIN UNIVERSITY

CELEBRATIONS ^{Of} SCHOLARSHIP

2011



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A handwritten signature in white ink that reads "Barry Pearson". The signature is fluid and cursive, with a long horizontal line extending to the right.

Barry Pearson

Vice President for Academic Affairs

Welcome to one of my favorite events at Millikin University—the Celebrations of Scholarship. This day more than any other single event reminds me that when barriers are removed from their imaginations our students have unlimited potential. Theory applied in practice leads to unending discoveries that sets our students loose in undiscovered territories through which they travel to new levels of confidence, performance, and achievement. In their work today, you see that powerful journey reach completion.



COLLEGE OF
ARTS & SCIENCES



Randy Brooks

Dr. Randy Brooks

Dean

College of Arts & Sciences

At Millikin University we believe in a simple but VERY IMPORTANT assumption—our students are capable of inquiry, discovery, creation, and application of newly acquired knowledge. This is true of first year students (as evident in today's Freshman Focus Presentations) and this is true of all of our students at every stage of their development as evident in the Poster Symposium, the HURF competition, and the many presentations of undergraduate research we celebrate today. Millikin students are not here to merely consume knowledge available. Millikin students are here to be the makers, research collaborators and creative users of new knowledge.

In the Celebration of Scholarship you have the opportunity to see the products of our students' research and creativity presented by the students themselves. You will see posters and presentations about research in the Natural Sciences such as field studies or health-related research. Come see what the physics students are investigating in astronomy and quantum mechanics. Learn about Behavioral Sciences student research on the homeless. Find out the latest research findings from our ongoing Social Perception Research Project. Learn about the latest developments at WJMU, our radio station, and other areas communication students have been exploring. See what our English writing and literature majors have been doing with production and reception of literary texts.

I invite you to join in the 2011 Celebration of Scholarship where our students share the results of their research and creative work. Join me as we recognize the outstanding achievements of our students. Join me in the celebration of the creativity and thorough inquiry of students in the College of Arts & Sciences. Join in the fun learning. See you at the Celebration of Scholarship!

THE EFFECTS OF HERBICIDES AMINOPYRALID AND GLYPHOSATE ON DIPSACUS LACINIATUS (DIPSACACEAE) OF DIFFERENT TAPROOT DIAMETERS.

8:00 a.m.-10:00 a.m.

LTSC001

Presenter(s):

Rachel Damos

Abstract/Description:

We compared the effectiveness of teasel (*Dipsacus laciniatus*) control by two herbicides, aminopyralid (Milestone™) and glyphosate (Roundup™). We expected that plants with smaller diameter taproots would be more susceptible to the herbicides, and that aminopyralid would be more effective than the more general use glyphosate. We divided the plants into three groups according to taproot diameter and then assigned plants randomly to be sprayed with aminopyralid, glyphosate, or no herbicide. We assessed each rosette using a visual damage scale and dry weights. Aminopyralid was effective at the recommended rate for all diameters, and glyphosate was more effective against smaller plants.

**EFFECTS OF THE ANTI-DEPRESSANT, LEXAPRO,
ON THE AGGRESSIVE BEHAVIOR OF SIAMESE
FIGHTING FISH, BETTA SPLENDENS
(PERCIFORMES: OSPHRONEMIDAE).**

8:00 a.m.-10:00 a.m.

LTSC001

Presenter(s):

Kody Smith

Abstract/Description:

Aggressive displays are important to the survival of adult male Siamese fighting fish, *Betta splendens*, because they play a prominent role in territorial defense. Many types of drugs, including the antidepressant Lexapro, are found in U.S. surface waters even post-treatment. We examined the effects of Lexapro on the aggressive behaviors of *B. splendens*. Lexapro is a serotonin reuptake inhibitor, which increases serotonin levels in the body, thereby inhibiting aggression. Thus, we hypothesized that exposure to Lexapro would decrease the aggressive displays of *B. splendens*. We maintained 30 *B. splendens* in untreated water (control) and 30 *B. splendens* in Lexapro-treated water (experimental). We performed three tests which included control versus control fish, experimental versus experimental, and control versus experimental. We paired the *B. splendens* by weight and placed the pairs in the same tank after treatments to compare their levels of aggression. We recorded the occurrence of frontal displays, lateral displays, gill displays, and physical attacks. Our results supported our hypothesis; those fish treated with the antidepressant were significantly less aggressive than those that were not.

RT-PCR ANALYSIS OF THE 14-3-3 GENE LEONARDO DURING OXIDATIVE STRESS IN DROSOPHILA MELANOGASTER MUTANTS

8:00 a.m.-10:00 a.m.

LTSC001

Presenter(s):

Jessica Lindemann

Abstract/Description:

The 14-3-3 protein family consists of critical integrating components in cell signaling pathways of the oxidative stress sensing system. 14-3-3 proteins are a highly conserved class of cytoplasmic signaling molecules in eukaryotes. We have examined the effects of oxidative stress, induced with the herbicide paraquat, in *Drosophila melanogaster* on leonardo 14-3-3 gene expression. Lower levels of 14-3-3 protein apparently cause an increase in oxidative stress resistance. We have used Reverse Transcriptase-PCR to assay gene expression levels of leonardo transcript in mutant flies exposed to 0 mM, 2.5 mM and 5 mM concentrations of paraquat.

**IN 350: GLOBAL APPROACHES TO MEDICINE
& HEALTH CARE**

1:00 p.m.-2:00 p.m.

LTSC208

Presenter(s):

Entire class; IN 350 section 01

Abstract/Description:

The focus of this section of IN350 is to examine differences in how health care issues are approached from different cultural perspectives, with a focus upon both medical and monetary aspects of health care. As part of an independent research project, a close examination of the health care systems in ten countries outside of the United States has been performed. A comprehensive examination of the role of the government in determining the extent of health care provided to all constituents, the impact of insurance, the availability of health care, and the contribution of employers to health care coverage is presented. Careful consideration has also been given to the types of medicine available, the impact of outside influences such as religion and personal values, specific diseases, and infant mortality rates found in these countries.

ENVIRONMENTAL SOUND BITES; THE IMPACT OF RADIO AS A BRIDGE TO LEARNING AND COMMUNITY SERVICE

10:30 a.m.-11:00 a.m.

SH420

Presenter(s):

Lauren McGrath

Kayla Longwell

Ben Meyers

Christopher Betts

Kelly Lorenz

Abstract/Description:

The class created two half hour radio programs for WJMU, one aimed at campus environmental awareness and the other a children's program on the impact of the environment suited to 5-10 year olds. We will discuss the creation and use of media to impact our world. The presentation will include sound clips from the show, learning outcomes and the impact of community service as it relates to environmental issues. We will address this from the perspective of the media and the classroom.

PUBLIC RELATIONS AND THE BLUE CONNECTION

11:00 a.m.-12:00 p.m.

SH420

Presenter(s):

Members of the CO 456 Applications in PR class

Abstract/Description:

The Applications in Public Relations class is providing publicity for a new Blue Connection location at the Cancer Care Center. The presentation will focus on the class efforts to promote the grand opening, create materials for the event, and to develop a public relations plan for the future.

GENDER COMMUNICATION SYMPOSIUM

1:00 p.m.-2:00 p.m.

SH420

Presenter(s):

Students from CO 332, Fall 2010

Abstract/Description:

Presentations focus on gender and communication including the following: foundational context of gender; gender in mass media; gender in relationships.

REFLECTION

10:00 a.m.-10:15 a.m.

SCO213

Presenter(s):

Alyx Sims

Abstract/Description:

Reflection on serving as a student intern for Gender Studies during the 2011 Women's History Month celebration.

REFLECTION ON WOMEN'S HISTORY MONTH

10:15 a.m.-10:30 a.m.

SCO213

Presenter(s):

Melissa Yates

Abstract/Description:

Reflection on serving as a Gender Studies Intern during the 2011 Women's History Month Celebration.

REFLECTION

10:30 a.m.-10:45 a.m.

SCO213

Presenter(s):

Elizabeth Buzard

Abstract/Description:

A reflection on the students active participation in the 2011 celebration of Women's History Month.

CAPTURING NOISE: COLLAPSED BINARIES IN BEAT AESTHETICS

9:00 a.m.-10:00 a.m.

SCO213

Presenter(s):

Aubrie Cox

Abstract/Description:

Many are familiar with the Beat myth, but few actually delve into the forms of Beat writing. By comparing how the Beat lifestyle disrupted societal norms to how the Beat aesthetics challenged literary conventions, this project argues that Beat writers consciously collapsed boundaries between junk and art, fiction and nonfiction, and performance and documentation. Although this new style may have led to the criticism of their work as “just typing,” it allowed them to capture the noise of their eccentric lifestyles through equally eccentric forms.

BRONZE MAN BOOKS SHOWCASE

2:00 p.m.-3:00 p.m.

MAC Lab

Presenter(s):

Aubrie Cox
Katie Baird
et al.

Abstract/Description:

Bronze Man Books is a student owned and operated press located on Millikin University campus. Committed to the integration of high-quality design and meaningful content, students within the company maintain a high level of professionalism in their work and attitudes. This presentation will showcase Bronze Man Books' most recent publications, explain how the company operates through the course Art of Publishing, and end with a reading from the company's new poetry chapbook “tea's aftertaste.”

HAIKU CUT: A POETRY SLAM TOURNAMENT

3:30 p.m.-5:00 p.m.

Pilling Chapel

Presenter(s):

Nora Kocher

Becky Smith

Kate Eagler

Tyler Lamensky

Garrett Derman

Laura Scoville

Susie Wirthlin

Bethann Melnick

Katie Colletta

Madeline Knott

Samatha Parks

Becky Smith

Kate Eagler

Nora Kocher

Ky Cohran

Jordan Pennington

Aubrie Cox

Dr. Randy Brooks

Abstract/Description:

Haiku Cut: A Poetry Slam Tournament. This will be a fun matching competition with teams competing in a tournament. One team selects & reads a haiku and the other team selects and reads a haiku they think will beat it. The judges have flags to vote for the BLUE or WHITE team (yes teams will wear head bands). We will have teams of 2-3 and there will be some IMPROMPTU egg-timer rounds for spontaneous creation as well topical rounds. Of course, we will have fabulous haiku book prizes and the honor of leaving the other teams in the dust.

INTERNET & PRIVACY

1:00 p.m.-1:30 p.m.

SCO208

SH318

Presenter(s):

Brittney Gallivan

Qendrim Kongjeli

Whitney Schafman

Abstract/Description:

This panel is part of a collaborative effort to bring attention to controversial and important topics in Privacy & the Internet. It is also part of an IN 251 course. We will bring attention to issues of privacy as we live our lives online, explain their significance and examine multiple perspectives or sides of the issue, including legal cases and verdicts as well as representations in the media.

MEDICINE, TECHNOLOGY & ETHICS

1:30 p.m.-2:00 p.m.

SCO208

Presenter(s):

Haley Light

Jake Rathman

Lainey Poor

Bailey Russel

Abstract/Description:

This panel is part of a collaborative effort to bring attention to controversial and important topics in Medicine and Technology. It is also part of an IN 251 course. We will bring attention to issues in Medicine and Technology, explain their significance and examine multiple perspectives or sides of the issue, including legal cases and verdicts, as well as representations in the media.

TECHNOLOGY, ETHICS & CONTROVERSY

2:00 p.m.-2:30 p.m.

SCO208

Presenter(s):Emily Padilla
Kimmi Nagel**Abstract/Description:**

This presentation will bring attention to a controversial topic related to technology and ethics, examining multiple perspectives or sides of the issue including legal cases and verdicts, as well as representations in the media.

TECHNOLOGY, ETHICS & CONTROVERSY

2:30 p.m.-3:00 p.m.

SCO208

Presenter(s):Erin Bragg
Warren Beals**Abstract/Description:**

This presentation will examine the impact on technology on our culture, bringing attention to a controversial issue we believe all students should be aware of. We will explore the various representations in the press and media, as well as how the industry of business is affected.

THE DEATH OF MARIE DE BOURBON-MONTPENSIER: HOW A BIT OF PLACENTA CHANGED CHILDBIRTH IN 17TH CENTURY FRANCE

9:00 a.m.-9:15 a.m.

SH303

Presenter(s):

Kelsey Balch

Abstract/Description:

In 1627, Marie de Bourbon-Montpensier died in childbirth; an autopsy revealed that a bit of placenta left behind post delivery killed the new mother. The doctors placed all the blame for the death on the negligence of her midwife, Louise Bourgeois. She was professionally destroyed. Bourgeois was the most prominent midwife of the day, having safely delivered all of the Queen of France's children and written extensively on her "art". Was Bourgeois truly to blame for Montpensier's death or was her downfall a way for the male dominated medical industry to force itself into the delivery room?

ACTORS' EQUITY: WEB SPINNING MUSICAL, "SPIDER-MAN" MAKES PUBLIC AWARE OF EQUITY RIGHTS

9:15 a.m.-9:30 a.m.

SH303

Presenter(s):

Josh Betz

Abstract/Description:

Actor's Equity Association, AEA, continues to be distorted by the media. AEA has been around since the early 20th century, but many people still do not fully understand this organization. This presentation provides the true perception of AEA to the public. The media has shown us cases where AEA seems to not be doing their job. So, is AEA truly protecting performer's and Stage manager's rights to the best of their ability? Through the use of books, organizational websites, and interviews, the real information about the AEA will be brought to light.

**THE UNWELCOMED VISITORS: PROOF OF GHOSTS
AND DEMONS**

9:30 a.m.-9:45 a.m.

SH303

Presenter(s):

Marque Billingsley

Abstract/Description:

Skeptics try to disprove the subject, but science cannot explain everything. Simply because we cannot see something does not mean that it does not exist. This presentation will present evidence and give tales of ghosts and demons throughout history, its impact on Hollywood, personal experiences, and answer the question of "Are they Real?"

**UNDERACHIEVER OR OVERACHIEVER: DO COLLEGE
STUDENTS BENEFIT FROM THE GAP YEAR?**

9:45 a.m.-10:00 a.m.

SH303

Presenter(s):

Leigh Bundy

Abstract/Description:

A gap year is the year in between high school and college, where students take the year off to travel abroad. This time is spent to find themselves as adults, what they want to do for the rest of their lives and do community service. This presentation will investigate if students really benefit from the gap year. Evidence will be shared from colleges and businesses in the U.S and abroad. Are they slacking on their time off or are they making new opportunities?

THE SECRET LIFE OF A TEENAGE SORCERESS: COMING OUT OF THE DUNGEONS AND DRAGONS STEREOTYPES AND INTO SOCIETY

10:00 a.m.-10:15 a.m.

SH303

Presenter(s):

Kate Burton

Abstract/Description:

Dungeons and Dragons is well known for its anti-social and satanic stereotypes, but not for its mind opening potential. Since D&D was created, it has garnered an enormous amount of stereotypes and myths. This presentation open your minds to the realities of D&D through research from scholarly journals, surveys, and books about D&D. Breaking down these myths is important because D&D is one of the few well-known games left where you have to use your imagination. If we stereotype and ostracize its players out of existence, then the world may no longer have D&D for an imaginative outlet.

IS STRESS AFFECTING YOUR LIFE?

10:15 a.m.-10:30 a.m.

SH303

Presenter(s):

Kaitlyn Callahan

Abstract/Description:

What causes and effects stress has on college students and how stress can be reduced? Stress is affecting college students' academic performance. This is caused mostly by the pressure that college students are under. There will be research to see what can be done to reduce stress in college students, and to see how stress affects college students. There will be interviews from Millikin students to get their feedback that are dealing with stress. The causes and effects of stress to help college students that are dealing with stress will be investigated. This is to help inform and help reduce stress.

**LETS JUMP OFF SOME BUILDINGS! THE BACKGROUND
OF THE NEW THRILL SEEKING SPORT, PARKOUR**

10:30 a.m.-10:45 a.m.

SH303

Presenter(s):

Brian Colton

Abstract/Description:

What is Parkour? Parkour is a utilitarian discipline based upon the successful, swift and energy-efficient traversing of one's surrounding environments through techniques, based around the concept of self-preservation. This presentation will try to solve any misconceptions of the sport and inform the public of the major aspects of Parkour. The Presentation will also investigate the history of Parkour, how to perform the sport, where the sport is located, and which types of individuals perform. Becoming knowledgeable of Parkour is not only beneficial to anyone interested in sports, but might open the mind to a new way of thinking.

**RAPE JOKES AREN'T FUNNY: LOOKING AT HOW
AMERICA DOWNPLAYS RAPE**

10:45 a.m.-11:00 a.m.

SH303

Presenter(s):

Sidney Davis

Abstract/Description:

According to the US Department of Justice, the most staggering aspect of sex crimes is the huge number of incidents that go unreported. These silent victims don't report out of fear of retaliation from their attacker. This presentation will explore the following questions: Where does the urge to rape begin and what are the assumptions people have about it? Why rape happens? Finally, asking the ultimate questions as to why Americans downplay this unfortunate event as an everyday occurrence?

GOT BLUES? HOW BLUES GUITAR WAS INFLUENCED IN THE 20TH CENTURY

11:00 a.m.-11:15 a.m.

SH303

Presenter(s):

Ben Ellegood

Abstract/Description:

Blues guitar is something that has grown and expanded greatly over the 20th century. People like Jimi Hendrix, Stevie Ray Vaughan, B.B. King, and Eric Clapton are who we recognize the most in our time, but there are many more influences than these guitarists. John Lee Hooker, Albert King, and Robert Johnson are just three of these many blues guitarists. Seeing where blues comes from and how history has influenced it gives a sense of how other music progressed and evolved and why we have the music we do today.

THE STEREOTYPE THREAT: A LOOK AT HOW FEAR OF CONFIRMING NEGATIVE STEREOTYPES CAN INFLUENCE AFRICAN AMERICAN SCHOOLING EXPERIENCE AND PERFORMANCE

11:15 a.m.-11:30 a.m.

SH303

Presenter(s):

Jianna Fernandez

Abstract/Description:

How does the “stereotype threat” affect African American academic experience and performance? The stereotype threat has been shown to reduce the scholastic achievement of Black students. This presentation will investigate what the stereotype threat is, and why Black students are affected by it. It will also examine the role affirmative action has in shaping or reducing negative stereotypes, as well as what role the “Obama Effect” has had on weakening the effects of the stereotype threat. By raising awareness on how stereotypes stifle performance, we may be able to mitigate the effects of common stereotypes, especially in the scholastic setting.

THE FEAR OF ESCAPE: GANG MEMBERS SEEK NEW LIVES BUT NEED TREMENDOUS HELP

11:30 a.m.-11:45 a.m.

SH303

Presenter(s):

Audrey Hickey

Abstract/Description:

Gang members are looking for ways to escape the violence and the drugs of “gang life” but fear what other members are capable of doing to them if they walk out. As gang violence becomes a bigger issue, we are in desperate need of prevention and protection programs to promote awareness, but also to provide a secure, confidential escape for gang members. This presentation takes a look at what programs are readily available now, why they are not effective, and what we can do to change it.

SCHIZOPHRENIA: THE BRAIN KILLER

11:45 a.m.-12:00 p.m.

SH303

Presenter(s):

Samuel Jones

Abstract/Description:

Schizophrenia is a worldwide mental disorder that causes the brain to project hallucinations into our sight. Where did this come from? Is it a mental disorder or something more spiritual? Most people know about schizophrenia but most are unwilling to help patients or researchers overcome this problem. If more people learn about schizophrenia, then maybe we can help save more and their loved ones.

**“NEVER DO TODAY WHAT YOU CAN DO TOMORROW”:
PROCRASTINATION AND HOW TO OVERCOME THE
HABIT.**

1:00 p.m.-1:15 p.m.

SH303

Presenter(s):

Katie Kern

Abstract/Description:

Procrastination happens every day. However, we all try to break the habit. In this presentation the following will be examined: its causes, to the different types, and to the ways to overcome it. Anxiety, emotions and internal conflicts are main factors involved in procrastination. Knowing how to overcome procrastination is important to understand since all college students run into the habit at least once.

**NOW I AINT' SAYING SHE A GOLD DIGGER,
BUT SHE AINT' MESSING WITH NO BROKE KICKER:
AN EXAMINATION OF PRO-ATHLETES AND
SEXUAL ASSAULT**

1:15 p.m.-1:30 p.m.

SH303

Presenter(s):

Darby Kirby

Abstract/Description:

When incidents of sexual assault involving pro-athletes hit the media, plenty of opinions are formed. Often these cases are “he said, she said” scenarios, however for the most part people tend to believe they already know enough to determine an opinion. The majority of the public and sometimes officials involved in resolving the matter have clear and concrete opinions of the truth and what actions should follow before really knowing the facts. This presentation examines of these events and how favoritism, gender biases, the idolizing of athletes, and wealth come into play. Prime examples being such as the Ben Roethlisberger incident as well as Kobe Bryant’s case will be examined in detail.

**RELATIONSHIP DRAMA?
THE GUIDE TO A GOOD RELATIONSHIP**

1:30 p.m.-1:45 p.m.

SH303

Presenter(s):

Kaitlyn Klinghammer

Abstract/Description:

This presentation discusses ideal relationships between men and women and each partner's viewpoint on a healthy relationship. We all are a part of relationships. What is a women's ideal relationship? What is a man's? How do the two balance? This presentation will provide a research based guide to good relationships. It will also discuss influences using Millikin student surveys on top of research.

**WORDS CAN KILL:
MISUSE OF ADVANCED COMMUNICATION**

1:45 p.m.-2:00 p.m.

SH303

Presenter(s):

Hillary Lambert

Abstract/Description:

Would it be better to be physically bullied in person or would you rather be contacted at anytime of the day by text messages and websites making fun of and threatening you? The 21st century advanced communication technology such as text messaging, instant messaging, and Facebook are great tools for keeping in touch. But, some people have a different intent when using them. Cyber bullying is different and more damaging than regular bullying. It can lead to anxiety, depression, and suicide. In this presentation, the danger of cyber bullying compared to regular bullying will be examined to show the difference.

THE DANGERS OF GAY BLOOD: WHY THE FDA DISCRIMINATES AGAINST HOMOSEXUALS AND WHAT CAN MILLIKIN CAN DO ABOUT IT.

2:00 p.m.-2:15p.m.

SH303

Presenter(s):

Chet Lord-Remmert

Abstract/Description:

A current FDA blood donor policy discriminates against men who have sex with men. The outdated 1983 policy was designed to protect the blood supply from HIV/AIDS but is no longer needed because blood testing has immensely improved. Unfortunately, the FDA continues to mandate its policy based on unsound science, assumptions, and stereotypes. This presentation will explain why Millikin University should follow suit of the educational institutions nation-wide that are addressing this policy and taking action. Show your support! Let the university and the FDA know we care about our rights and will not stand for any type of discrimination!

“OOO, SHINY”: THE MYTHS AND POSSIBLE LINKS TO ADHD AND THE HUMAN BRAIN

2:15 p.m.-2:30 p.m.

SH303

Presenter(s):

Elliot Marach

Abstract/Description:

ADHD is one of many hotly debated topics of the 21st century. Since the 90's, many believe that the disorder is really the result of over diagnosis. This presentation investigates the history of the disorder, the relationship between ADHD and the human brain, and explores three possible causes. Although scientists have not found a cause or cure for the disorder, this presentation will defy the myths and stereotypes of ADHD as well as raise awareness.

THE WAY SPORTS INSPIRE ABOVE ALL OTHERS

2:30 p.m.-2:45 p.m.

SH303

Presenter(s):

Felipe Mayorga

Abstract/Description:

Sports inspiration, the way sports teams and athletes inspire people in far greater ways than other forms of inspiration from friends, family, and parents. The way sports have inspired millions of people has been tremendous, the way sports figures like Lance Armstrong have inspired many is sports inspiration. Sports push people to strive for more, in ways friends and family can attempt to do but, cannot truly accomplish. I believe sports motivate people like no other person can.

OCD AND ME: EXPLORING THE ROLE OF OBSESSIVE-COMPULSIVE DISORDER IN THE LIVES OF “NORMAL” PEOPLE

2:45 p.m.-3:00 p.m.

SH303

Presenter(s):

Kayla Morgan

Abstract/Description:

OCD can be a highly debilitating disorder when not treated. However, many “normal” people may also have symptoms of the disorder. This presentation explores the idea that even those who are not diagnosed OCD may still have OCD symptoms, or could be considered “slightly OCD.” Through an analysis of the disorder, its symptoms, and a look at different types of people with OCD, a conclusion can be drawn as to whether everyone is a little bit OCD.

EENY MEENY MINY MOE, CATCH A NIGGER BY HIS TOE, IF HE HOLLERS...WAIT! DID HE JUST SAY THE N-WORD?

10:00 a.m.-10:15 a.m.

SH322

Presenter(s):

Torrey Pollard

Abstract/Description:

Through surveys and research the presentation will focus on the use of “nigger” by Americans and how African-Americans have taken the word from its oppressive meaning to a term of endearment. The surveys were conducted on students and faculty at Millikin to give a more personal understanding of what Millikin’s view on the subject is. Other research is used from interviews of celebrities and government officials. At the end the presenter will be open to questions of the audience for a limited time if any are asked.

DON'T HAZE ME BRO: ANALYZING THE HISTORY, EFFECTS, AND LEGAL CONSEQUENCES, OF HAZING IN GREEK LIFE

9:15 a.m.-9:30 a.m.

SH310

Presenter(s):

Erich Peltz

Abstract/Description:

Hazing, in the past twenty years, has dominated college news and posed problems for Greek organizations. Fraternities and Sororities across the world have been doing their part to stop this crime. It is known that hazing has negative effects on the victims, however not much is known about the effects on the Greek organization as a whole. Beyond the legal consequences of hazing, a national Greek Organization can be damaged due to new member and active member hazing. To eradicate hazing within Greek organizations and beyond, the history behind hazing must be exposed.

KILL OR BE KILLED: VIDEO GAME VIOLENCE INFLUENCING KIDS

9:30 a.m.-9:45 a.m.

SH310

Presenter(s):

Glenn Purvis

Abstract/Description:

Over the years violent video games, such as Grand Theft Auto, have been under fire for motivating kids to hurt others because they wanted to emulate the game. This presentation will attempt to answer the question, do playing violent games make kids more violent, or do they provoke already disturbed kids to act more violently? Should we worry or is this just another way kids act out?

TRIBAL TO TRASH: BUT HAS THE MEANING REALLY CHANGED?

9:45 a.m.-10:00 a.m.

SH310

Presenter(s):

Ariel Robinson

Abstract/Description:

Tattoos are becoming more common than technology, but what is so addicting about this permanent ink? Does it mean something? Ancient cultures and civilizations used tattoos or body markings for identity and representation, but why does modern America do it? This presentation will compare historical and/or ancient cultures and their reasoning for obtaining these body markings with the modern American reasoning to establish whether there are similarities or differences between these cultures of different time periods.

**FROM HARRY POTTER TO THE HUNGER GAMES:
SOCIAL JUSTICE IN CONTEMPORARY
ADOLESCENT LITERATURE**

10:00 a.m.-10:15 a.m.

SH310

Presenter(s):

Jordan Russell

Abstract/Description:

All children in America have required readings in school. However, are these books making our children think critically or better understand themselves? The job of all Americans is to find works of literature that can not only teach our children to read, but also develop their thinking skills and social justice competence.

FACEBOOK? OR FACE-TO-FACE?: IS THE SOCIAL NETWORK EFFECTING OUR MEANS OF REAL COMMUNICATION?

10:15 a.m.-10:30 a.m.

SH310

Presenter(s):

Claire Salata

Abstract/Description:

Are the connections that are made on Facebook real? Have our means of communicating face-to-face declined? Today, our way of communicating is primarily through social networking, such as Facebook. Facebook has revolutionized our ideas and our thoughts on communication and our connections made with other people. It has all become so virtualized. Is there any reality left?

**DEAD CATS, DIRTY DISHES AND JUNK:
THE TRUTH ABOUT COMPULSIVE HOARDERS**

10:30 a.m.-10:45 a.m.

SH310

Presenter(s):

Amanda Santiago

Abstract/Description:

Do you know someone who is a compulsive hoarder? Are you a secret hoarder? Three million people in America are compulsive hoarders. Hoarders are people who are unable to discard items, but accumulate and save their items although they are not used and usually worthless. This presentation's goal is to raise awareness about this disorder and its effects on the people who have it and the people around them.

"I SAW THE LIGHT IN THE TUNNEL AND I KNOW THERE IS A SPECIAL PLACE FOR ME.": A CLOSER LOOK AT DEATH AND AFTERLIFE IN WORLD RELIGIONS AND HEALTHCARE

10:45 a.m.-11:00 a.m.

SH310

Presenter(s):

Kristen Snyder

Abstract/Description:

Dying is a part of life. Learning about the research regarding afterlife can relieve the fear of dying. This presentation will share research on different beliefs in all world religions pertaining to death and afterlife. It will include real life stories about dying patients from a local chaplain as well as medical based studies on the afterlife. The goal of this presentation is to relieve the minds of the confused.

WILL THERE BE LIFE IN 2013?: THE THEORIES AND MYTHS ABOUT THE 2012 APOCALYPSE

11:00 a.m.-11:15 a.m.

SH310

Presenter(s):

Ashley Sunderland

Abstract/Description:

This presentation is about what is going to happen to the world in 2012. Many of these theories will be investigated in depth and will include who is saying them. This presentation will also show if any of these theories can be disproven. Research comes from books, articles, and credible websites. Everyone should care about this research, because a little over a year from now it may affect us all.

CAN THERE BE A HEALTHY CHILD OF SAME-SEX COUPLES? : EXPLORING THE MISCONCEPTION OF SAME-SEX RELATIONSHIPS EFFECT ON CHILDREN

11:15 a.m.-11:30 a.m.

SH310

Presenter(s):

Emily Szempruch

Abstract/Description:

Many Americans believe that same-sex couples should not be able to parent children due to the belief that it causes negative psychological effects. This belief is not one that is supported by many facts and is something that has become a misconception in American culture. This presentation examines the research and facts that negate this belief and show there is no direct link between a child being raised in a same-sex household, and psychological issues. It will also show how this is an example of extreme discrimination against one particular group of people with no evidence to support this belief.

US VS. THE WORLD: CLOSING THE GAP IN THE EDUCATION RACE

11:30 a.m.-11:45 a.m.

SH310

Presenter(s):

Cat Tomlovich

Abstract/Description:

Countries like Korea, Japan and China are passing the US in the education race. The US is trying to create programs to close the gap between them and their fiercest competitors. The purpose of this paper is to list, describe and analyze the programs used in America and compare them to ones in other countries. This essay will introduce the programs and systems used in many booming countries; and it will teach about how the US sees the need for better education strategies and techniques, and how they are trying to create and implement them into their school systems.

**OBAMINATION: WHY OBAMACARE WILL
SEND U.S. INTO BANKRUPTCY**

11:45 a.m.-12:00 p.m.

SH310

Presenter(s):

Gary Trimmer

Abstract/Description:

Is national healthcare an effective solution to the healthcare system. My presentation covers the newly passed healthcare law that will come into effect in 2014. It will discuss why we changed our type of healthcare along with breaking down the new healthcare law. The presentation will also go through the pros, cons, how well it has worked in other countries, and its constitutional status.

**IPOD, ICONQUER: APPLE'S ATTEMPT AT
MONOPOLIZING ELECTRONICS**

1:00 p.m.-1:15 p.m.

SH310

Presenter(s):

Diego Uriostegui

Abstract/Description:

In this presentation one student will venture into the world of electronics, specifically Apple Inc., and attempt to show the rise of Apple Inc. and its slow but inevitable attempt at monopolizing the technology of this world. Through surveys and statistics one man will stand against a giant known as Apple.

**MASSIVE HEAD TRAUMA: WHY THE NFL IS LOSING
THE WAR AGAINST CONCUSSIONS**

1:15 p.m.-1:30 p.m.

SH310

Presenter(s):

James Vavak

Abstract/Description:

Life expectancy in the United States is 77.6 years. Life expectancy for NFL players: 55. Players in the National Football League put their bodies on the line every week for the entertainment of the American public. How many of the fans really know just what is going physically inside the helmets? This presentation will examine the epidemic that has hit the field over the past decade: concussions. Why are they so dangerous? What are the long term effects? How can they be prevented? These are just a few of the questions that will be answered in my presentation.

**“IT’S NOT THE SIZE OF THE DOG IN THE FIGHT, IT’S
THE SIZE OF THE FIGHT IN THE DOG”: WHAT MAKES
A GOOD COACH AND WHY IT MATTERS**

1:30 p.m.-1:45 p.m.

SH310

Presenter(s):

Rachael Wojtysiak

Abstract/Description:

It is important for a coach to make a positive impact on their team. In order to do so, there are numerous aspects in coaching that need to be considered in order for a coach to be successful. These aspects include: gender, sport, mentality, and qualities. This presentation will discuss famous coaches, how they display these aspects and the impact they’ve made on their teams.

**GOT SOLE? HOW BIGFOOT TOOK OVER THE
PARANORMAL WORLD**

1:45 p.m.-2:00 p.m.

SH310

Presenter(s):

Zach Yarborough

Abstract/Description:

What is nine feet tall, covered in hair and has been terrifying and awing people for the last two to three hundred years? Sasquatch. With sightings all around the world, most people are familiar with the tale but do not totally believe in its legitimacy. Is it real? Investigating scientific evidence and examining the alleged anatomy of Bigfoot is believed to be the only credible source of information; proving its existence is plausible. Though this topic is not considered “mainstream,” the research presented should hopefully provide listeners with an open mind and possibly the encouragement to search for more information.

**THINK YOUR BAD HABIT ISN'T A PROBLEM? THINK
AGAIN; IT CAN CAUSE SERIOUS MEDICAL PROBLEMS.**

2:00 p.m.-2:15 p.m.

SH310

Presenter(s):

Kimberly Nelson

Abstract/Description:

Bad habits may actually not be as minor as we think. Simple bad habits can actually cause serious medical problems. You may not think that leg bouncing is really doing anything with an impact, but in truth it can actually burn calories: about 10 an hour! Or it can be a result from hyperactivity or ADHD. Did you know teeth grinding can cause Bruxism? This presentation will explore some common bad habits and link them to medical conditions. It will raise awareness that habits aren't only annoying, but unhealthy for the individual too.

FREE MASONS: THE TRUE BROTHERHOOD

2:15 p.m.-2:30 p.m.

SH310

Presenter(s):

Timothy Herink

Abstract/Description:

Who or what are the Freemason's? What is their purpose, and how did they begin? The Freemasons are an ancient Brotherhood dating back to the medieval times. They are a very secretive organization, and not much is known about the inner workings of this fraternity. The purpose of this research is to gain insight into this ancient Brotherhood, in order to better understand the fraternity. This presentation will focus mainly on the history and inner workings of the Freemasons, as well as some of their symbology.

FAT AND UNHEALTHY? WHY DO PEOPLE CHOOSE TO LEAD UNHEALTHY LIFESTYLES WHEN THEY KNOW IT IS WRONG?

2:30 p.m.-2:45 p.m.

SH310

Presenter(s):

Vlora Osmani

Abstract/Description:

Proper nutrition and exercise seem to have always been a problem in American society. With all of the fast-food chain restaurants and people's "on the go" lifestyles, it seems difficult to find time to work out or eat a healthy sit down meal. The major problem that this presentation will discuss focuses on the psychology behind why people choose to lead an unhealthy lifestyle even though they know that it is harmful to them. It will also address what people can do to gain control of their health in order to live long and wholesome lives.

EFFECT OF MONEY AND FAME ON YOUNG PROFESSIONAL ATHLETES

9:00 a.m.-9:15 a.m.

SH322

Presenter(s):

Ryan Krekel

Abstract/Description:

My presentation will be based on overpaid young athletes and the effects of how money and fame poison their talent along with their futures.

ATHEISTS ARE PEOPLE TOO

9:15 a.m.-9:30 a.m.

SH322

Presenter(s):

Jessica Auten

Abstract/Description:

I would like to dispel some myths and common misconceptions about atheism today. I am going to argue that religious and non-religious people are no different in terms of morals and values, and simply that atheists are people too.

AUTOTUNING THE INDUSTRY

9:30 a.m.-9:45 a.m.

SH322

Presenter(s):

Caleb Ball

Abstract/Description:

In my presentation I would like to discuss the incorporation of Auto tuning technology into modern music with it's effects and perceptions on the industry and it's listeners.

PARENTING ON CHILDS BEHAVIOR

9:45 a.m.-10:00 a.m.

SH322

Presenter(s):

Gregory Bamert

Abstract/Description:

My abstract will be on the psychological effects that certain parenting styles have upon their children. I will examine the differences in how children behave due to both strict parenting and lenient parenting styles.

GREEK LIFE

10:00 a.m.-10:15 a.m.

SH322

Presenter(s):

Wesley Billings- Wilson

Abstract/Description:

From those who have gone Greek before myself, I am told that it was the biggest and best decision they ever made. I plan on informing you of the truths about joining a fraternity here on Millikin's campus.

MIRACLES OF MARIJUANA

10:15 a.m.-10:30 a.m.

SH322

Presenter(s):

John Bouquet

Abstract/Description:

Though marijuana has been looked upon as a dangerous drug, I feel that there are definitely more positives then negatives. I will talk about all the positives and medicinal purposes of marijuana, but will also speak upon the opposing viewpoints as well.

THE TECHNOLOGICAL GENERATION

10:30 a.m.-10:45 a.m.

SH322

Presenter(s):

Kayla Carr

Abstract/Description:

I will be talking about how technology has affected our generation. Technology affects our everyday lives; we should be aware of the negative and positive impacts it has had on our generation.

THE END OF THE WORLD AND 2012

10:45 a.m.-11:00 a.m.

SH322

Presenter(s):

Jacqui Chaidez

Abstract/Description:

In my presentation I am going to discuss the research that I have done regarding the end of the world in 2012. I will be discussing the predictions that have been made regarding 2012 and signs that have been observed leading up to the end of the world.

HEAD TRAUMA AND SPORTS

10:45 a.m.-11:00 a.m.

SH322

Presenter(s):

Billy Chase

Abstract/Description:

In my presentation I will discuss the sports football and boxing and how head injuries are occurring in these sports and whether it is the player or the games' fault.

TECH ADDICTION

11:15 a.m.-11:30 a.m.

SH322

Presenter(s):

Jordan Chlebus

Abstract/Description:

My presentation will be about the effects of technology addiction on humans. By this, I mean to talk about all technology such as computers, video games, televisions, etc. I will describe such things as social networking and inappropriate games and television programs for young ones. Addiction to technology is a serious topic and could be used for good and bad reasons.

WOMEN IN SPORTS

11:30 a.m.-11:45 a.m.

SH322

Presenter(s):

Brittany Czaplicki

Abstract/Description:

In my presentation I would like to break down the misconceptions of female athletes. I also want to explore society's outlook in general on female athletes.

EFFECTS OF VIOLENCE ON CHILDREN

11:45 a.m.-12:00 p.m.

SH322

Presenter(s):

Brittney DeRoo

Abstract/Description:

I'm going to explore the effects of violence on children and what makes people violent.

PUBLIC PERCEPTION OF VACCINATIONS

1:00 p.m.-1:15 p.m.

SH322

Presenter(s):

Becky Gerk

Abstract/Description:

In my presentation I would like to discuss public perceptions of vaccinations. I want to clarify any confusion about side effects from vaccinations and persuade the audience that it is more beneficial to receive vaccinations than to not receive them. Hopefully the audience will see how important vaccinations are.

COMPARISON OF BIOSHOCK & ATLAS SHRUGGED

1:15 p.m.-1:30 p.m.

SH322

Presenter(s):

James Iwanski

Abstract/Description:

Ayn Rand's novel, *Atlas Shrugged*, is the crown jewel of her highly controversial philosophical stance, Objectivism. Bioshock explores many different aspects of this idea, using a fantastical setting and a seemingly "perfect" Objectivist utopia in which to further explore multiple aspects of Rand's ideals. My presentation will highlight many key aspects and comparisons between the two works.

EFFECTS OF CARTOONS ON CHILDREN

1:30 p.m.-1:45 p.m.

SH322

Presenter(s):

Brianne Johnson

Abstract/Description:

I plan to do my research paper on the effects cartoons have on children. I believe certain cartoons have negative effects on children's behavior so parents should be more cautious of which cartoons their children view.

CHIEF ILLINIWEK AND INDIAN CULTURE

1:45 p.m.-2:00 p.m.

SH322

Presenter(s):

Tyler Kelly

Abstract/Description:

I would like to inform people why Chief Illiniwek was disbanded as the mascot for the University of Illinois and how the Chief affected the Indian culture and I would also like to argue that Chief Illiniwek should not have been removed to begin with.

MEDIA'S AFFECT ON STEREOTYPES AND LABELS

2:00 p.m.-2:15 p.m.

SH322

Presenter(s):

Ashley Livingood

Abstract/Description:

I will talk about my research paper on how the media creates stereotypes and labeling, by emphasizing qualities about different cliques such as the popular or cool kids, the nerds, geeks, goody goodies, and the jocks.

**PREFERENCES AND MOTIVATIONS
OF VOTERS IN THE UNITED STATES**

2:15 p.m.-2:30 p.m.

SH322

Presenter(s):

Lauren McGrath

Abstract/Description:

This research paper will identify and create an understanding for the voting preferences and motivations of those in the United States in America. There will be a particular emphasis on regional and state-to-state differences.

WOMEN AND THE AMERICAN DREAM

2:30 p.m.-2:45 p.m.

SH322

Presenter(s):

Kelly Miles

Abstract/Description:

In my presentation I will be explaining the role that women hold in the American Dream. I will be exploring many aspects of the relationship between woman and the American Dream.

THE COLLEGE EXPERIENCE

2:45 p.m.-3:00 p.m.

SH322

Presenter(s):

Rachel Rambo

Abstract/Description:

There are debates as to who gains a better overall college experience between students living on campus and commuters. I expect to find that students living on campus do, when it comes to getting involved, making better grades, becoming more social, and overall benefits in the long run.

DIFFERENT VIEWS ON DATING WITHIN GENERATIONS

9:00 a.m.-9:15 a.m.

SH320

Presenter(s):

Katelynn Rodriguez

Abstract/Description:

Everyone has a different opinion on certain topics, but it is common to see the differences within generations. Views and values change each year with the birth of each new generation. In my paper I will compare the differences in views of dating in each generation.

THE EFFECTS OF COMPASSION FATIGUE

9:15 a.m.-9:30 a.m.

SH320

Presenter(s):

David Rothmund

Abstract/Description:

I will research/inform the viewers: The effects of compassion fatigue related to media. How media fills our mind with useless or too much information, causing individuals to become fatigued about major events(i.e. 911, Hurricane Katrina, BP Oil Spills, etc...) I will survey different age groups from the ages of 25-60 to see if there are different results or events remembered.

THE RISE AND FALL OF GAY CELEBRITIES

9:30 a.m.-9:45 a.m.

SH320

Presenter(s):

Zachary Saenz

Abstract/Description:

This research paper will cover the rise and fall of gay celebrities and their reputations in the media. This paper will cover celebrities over different generations through their coming out process and their critical reception afterwards.

**THE EFFECTS AND IMPORTANCE OF
EXERCISE ON COGNITION AND MOOD**

9:45 a.m.-10:00 a.m.

SH320

Presenter(s):

Hillary Shelton

Abstract/Description:

By exploring recent research, I will show that exercise is an important piece in the development of the brain and improvement on mood.

LGTBQ: GENETICS OR CHOICE?

10:00 a.m.-10:15 a.m.

SH320

Presenter(s):

Sara Smietanski

Abstract/Description:

I will examine the questions of nurture versus nature and genetics versus choices in regards to being LGBTQ.

STEROIDS EFFECT ON ATHLETES

10:30 a.m.-10:45 a.m.

SH320

Presenter(s):

Andrew Taylor

Abstract/Description:

My presentation will talk about both the good and bad side effects anabolic steroids have on the people taking them. It will tell why people take them and whether or not they should be banned in sports.

TRUE LIFE: I DO THEATRE

10:45 a.m.-11:00 a.m.

SH320

Presenter(s):

Denzel Tsopnang

Abstract/Description:

I would like to make a presentation aimed at informing people on the lives of people who decide to do theatre as professionals. I will interview students, teachers and professionals to track their decisions lives and plans.

WAR'S EFFECTS ON SOLDIERS

11:00 a.m.-11:15 a.m.

SH320

Presenter(s):

Becky Vogrin

Abstract/Description:

In my presentation, I would like to describe the various effects war has on soldiers. Upon returning home they are considered heroes, yet instead of feeling honored they often may be facing both physical and emotional problems due to war.

HUMAN TRAFFICKING

11:15 a.m.-11:30 a.m.

SH320

Presenter(s):

Emily Waddell

Abstract/Description:

I plan on revealing the horrors of human sex trafficking and how it is a problem globally, including even right here in the United States unbeknownst to many. I want to explain exactly what human trafficking is, why it is occurring, where it is happening, and how it is effecting society as a whole. Then I want to show what we can do to help.

HOW TECHNOLOGY HAS CHANGED SOCIETY

11:30 a.m.-11:45 a.m.

SH320

Presenter(s):

Marissa Watson

Abstract/Description:

I will talk about how society has become too dependent on technology. Everything we need or want is just a click away, but is that really a good thing?

CATHOLIC CORRUPTION

11:45 a.m.-12:00 p.m.

SH320

Presenter(s):

Thomas Wieneke

Abstract/Description:

In my presentation, I will expose the corruption of the Catholic Church throughout history.

SOCIAL NETWORKING ADDICTION AND IT'S EFFECT ON SOCIETY

1:00 p.m.-1:15 p.m.

SH320

Presenter(s):

Walter Williams

Abstract/Description:

I plan to do my presentation on the addiction to social networking websites and the effects it has over the life of society, such as child negligence, procrastination, and shortened attention span.

EFFECTS OF LABOR UNIONS ON POLITICS

1:15 p.m.-1:30 p.m.

SH320

Presenter(s):

Conor Wrigley

Abstract/Description:

My research is going to be on what effects labor unions have on politics, voter turnout, and elections as a whole.

SEX IN ADVERTISING AND EFFECTS ON SOCIETY

1:30 p.m.-1:45 p.m.

SH320

Presenter(s):

Krystal Katrice Moore

Abstract/Description:

This is a research paper about sexual influences in advertising and their effects on society. I will touch on subliminal suggestion, pornography, visual communication and subliminal perception.

DEATH PENALTY

1:45 p.m.-2:00 p.m.

SH320

Presenter(s):

Brittany Call

Abstract/Description:

My presentation is going to be about the effects of capital punishment and the different opinions on the death penalty and how it differs in the U.S. The media has a big part in decision making and it portrays the death penalty as being good and bad. What do the actual statistics say about it?

THE POWER OF MUSIC

9:00 a.m.-9:15 a.m.

SCO211

Presenter(s):

Carlos Cabrera

Abstract/Description:

Something that has been an issue concerning many people especially parents has been the lyrics, meaning, and messages that are conveyed through music. Although some say rap music is a legitimate art form some people feel that it has influenced some to act out with irrational behavior. Music videos also have images that may be detrimental to the nation's youth. Music has been at the center of our society; we have used music to express ourselves, tell stories, and let others enter into our thoughts. In the 1990's references linked violent behavior to music and certain music genres. Some of these genres include: heavy metal, rock, death metal, rap, gangsta rap, industrial, hard-core, and alternative music. This paper will try to demonstrate that lyrics in music can influence people to act in a violent way.

**THE MEDIA:TURNING CHILDREN INTO UNFLINCHING,
DEADLY ACCURATE KILLERS.**

9:15 a.m.-9:30 a.m.

SCO211

Presenter(s):

Ernest Ameyaw

Abstract/Description:

This presentation will focus on how violence in the media affects the young generation in many negatively yet hidden ways that are fully recognized and understood. It will address common misconceptions about media violence, look into the various consequences of media violence, and call upon actions to minimize the damages.

WHAT IS THE RELATIONSHIP BETWEEN COMEDY AND STEREOTYPICAL IMAGES?

8:00 a.m.-8:15 a.m.

SH319

Presenter(s):

Christopher Betts

Abstract/Description:

Behind every joke there is an element of truth. Thus most of the things that we find entertaining are relatable. In film and television, the situations that characters get themselves into are so ostracized that seemingly controversial material can be received comically. In my research, I want to inform groups that have a history of being discriminated against that they are not the only audience for this type of entertainment. These images can be considered counterproductive to the advancement of those who have once been oppressed. My research will include news articles, actor interviews, entertainment reviews, and philosophical books on humor.

DO MORE IN ONE NIGHT THAN YOU CAN IN YOUR LIFETIME

8:15 a.m.-8:30 a.m.

SH319

Presenter(s):

Dani Boggs

Abstract/Description:

Are your dreams confusing or hard to remember? Have you ever wondered why you cannot do certain things in your dreams, such as run faster or fly? The common person believes dreams are a representation of suppressed feelings; through my research I plan to prove or disprove this. My goal is to help people understand their dreams or understand why they cannot completely remember them. My research will be comprised of surveys, interviews, and documents concerning "lucid dreaming," or the ability to control one's dreams and causes for dreaming. Most importantly, I want people to learn how to make their dream world limitless, if manipulation is possible.

STEREOTYPES AND MAJORS

8:30 a.m.-8:45 a.m.

SH319

Presenter(s):

Alexandria (Dria) Cross

Abstract/Description:

What is the relationship between how we stereotype others and how we ourselves are stereotyped? Everyone gets stereotyped no matter what they wear, what they listen to, or what their major is. I intend to delve into the psychology behind stereotypes using the examples of stereotyping based on major. There are many sources in which I would like to consult: interviews, surveys, creative works, and academic works that deal with the psychology of stereotyping. By drawing information from these sources and my own experiences, I hope to better understand, and help the world to better understand, why we stereotype each other and how it affects those that are placed upon ourselves.

THE USES AND ABUSES OF ADD/ADHD MEDICATION

8:45 a.m.-9:00 a.m.

SH319

Presenter(s):

Nicholas Day

Abstract/Description:

How can ADD/ADHD medicine affect you? Can it hurt you? I am against the use of Adderall illegally and abusively because it is addictive, and hard on the body. The effects it causes are increased heart rate, more alert, boost in energy and focus level, and more productive. It is very useful, though, to accomplish getting work done. Because of its make up, it is very similar to cocaine, only one molecule away. A "geek" can be reached if enough adderall is taken. This geek is considered to be like a high from cocaine. The bad part about these medications is they are hard on the heart. College students should reconsider their use of this drug for study habits.

**CIRCUMCISION: FORCEPS, CLAMPS,
AND MUTILATION**

9:00 a.m.-9:15 a.m.

SH319

Presenter(s):

Abbey Dougherty

Abstract/Description:

To circumcise or not to circumcise –that is the question. Currently, male circumcision in America is a social norm; I will explore the idea of the necessity of this procedure. To do this, I will examine the medical, ethical, historical, and social views of this dilemma. This will be achieved through careful examination of medical journals, articles, personal testimonies, polls, and the viewpoints of medical professionals. This presentation will provoke thoughts for prospective parents about making informed decisions –especially when the decision is being made for another person.

ANESTHESIA: WILL YOU WAKE UP?

9:15 a.m.-9:30 a.m.

SH319

Presenter(s):

Alicia Eveland

Abstract/Description:

When being put under, do you ever wonder your chances of not waking up? In some cases the anesthesia does kill the patient. Nurse Anesthetists have to face the fear everyday of a patient possibly not waking up. Wanting to become a Nurse Anesthetist has brought these questions to my attention. By using articles, scholarly journals, and books my research will help me and my fellow colleagues to have a clearer understanding of the effects of anesthesia and when and why it sometimes causes death.

OVERCOMING OBSTACLES

9:30 a.m.-9:45 a.m.

SH319

Presenter(s):

Jonathan Tyler Hicks-Oliver

Abstract/Description:

Have you ever had to overcome a challenge or barrier to succeed? I will present research on overcoming obstacles and discuss the different variables. That comes along with such processes. When going through trials and tribulations, there are many unseen issues such as peer pressure, depression, finding motivation and surrounding yourself with a positive environment. One of the biggest things young people face is peer pressure. Everyone hates to be the odd ball, but sometimes it is necessary to stay on track and accomplish short term and long term goals. How can we become better at staying motivated? What are known issues that cause us to detour from our set goals? How we confront problems and the tools we use to resolve them all affect us long term. The whole point of the process, of going through obstacles, is to learn life lessons and maturity. That can only be done if we pay attention to our obstacles, accept the negative, and take away from it the positive. Only then can we truly overcome obstacles.

**BEAUTY IS NOT JUST SKIN DEEP:
MEDIA'S AFFECT ON BODY IMAGE**

9:45 a.m.-10:00 a.m.

SH319

Presenter(s):

Darrah Hulva

Abstract/Description:

How recently have you looked into the mirror and wished that you could change something about yourself? In American culture, there is a strong pressure on body image. Take a look at all medium's of media--film, tv, magazines, billboards, the internet; they are constantly offering suggestions for change and modification of the body. Through my research, I want to inform young girls and women that there are healthy and more realistic ways of change. My research will include interviews, surveys, and the newest Dove Evolution campaign. Young girls and women should feel confident about and satisfied with their bodies; beauty is not just skin deep.

**A CAREER IN MUSIC:
THE DECLINE OF MODERN MUSIC**

10:00 a.m.-10:15 a.m.

SH319

Presenter(s):

Douglas Johnson

Abstract/Description:

Music is changing. Instruments are being replaced by computers and synthesizers and the talent of up-and-coming artists is dwindling too. With these points, I will show that this lack of true talent is shorting the lifespan of the average musician and in turn, is making music seem like a much less rational profession.

AMERICA'S SUPERSIZED VALUES

10:15 a.m.-10:30 a.m.

SH319

Presenter(s):

Brian Kocher

Abstract/Description:

"Would you like that Supersized for one dollar more?" McDonalds has a lot to offer Americans. It is fast, easy, and cheap, which coincides with our societies values. However, there are many health risks involved in eating McDonalds food; more than that, it is an addiction. It seems that Americans lack self-control in eating habits, as we have been so tailored to eating unhealthily. By researching McDonalds, I hope to expose the health risks involved with eating fast food to both my college peers, as well as myself. I would bring light to the information through the use of many sources: magazine articles, documentaries such as Supersize Me, and surveys conducted on college students. By using these resources, I hope to make my peers more aware of what they are ingesting, the risks involved, and call upon them to control any urges.

PLACE YOUR BETS

10:30 a.m.-10:45 a.m.

SH319

Presenter(s):

Eric Kutschke

Abstract/Description:

At some point in everyone's life, they have made a bet. Betting on college basketball and fixing games is a big issue that is going on in today's society. Every year, the NCAA Tournament is one of the biggest events in our country; many bets are made during the tournament, from office pools to Vegas spreads. In American culture, gambling is a somewhat accepted form of recreational activity; although it's accepted, it's looked down upon by most Americans for many reasons. The NCAA has had a long history of problems with game fixing, not only for regular season games but also tournament games, with gambling playing a major role in the fixing of these games. Should gambling on college basketball be allowed? Come to this presentation and find out.

**CONCUSSIONS IN RELATION TO LONG
TERM BRAIN DAMAGE**

10:45 a.m.-11:00 a.m.

SH319

Presenter(s):

Tim Winohltz

Abstract/Description:

When was the last time you watched a football game and thought of the long-term effects of the players? In American culture, athletes are getting bigger, faster, and stronger. Unfortunately that means the injuries are going to be greater. One of those injuries is concussions. Concussions are one of the hardest injuries to assess, which means there are more athletes playing with concussions than any other injury. With my research I want football players, coaches, and athletic trainers to understand the long-term effects and realize they aren't invincible. My research includes interviews, surveys, and CT scans from former football players.

IQ VS. SUCCESS

11:00 a.m.-11:15 a.m.

SH319

Presenter(s):

Joel Rolon

Abstract/Description:

How successful are you and how high is your IQ score? In American culture, people tend to rely on IQ scores to determine a person's intelligence, but there are other aspects to a person that gives them intelligence. In this presentation, I will explain the positive and negative sides of IQ tests, and how they affect some aspects of our society. I will also explain the effects IQ tests have over people and the people who take them. In my research, you will find Gardener's Theory of Multiple Intelligences, which will be the starting point for the rest of my research. The main point of this presentation is to show how overrated IQ tests are in our society.

HOODS OF FRATERNITY

11:15 a.m.-11:30 a.m.

SH319

Presenter(s):

Alex Janssen

Abstract/Description:

Joining a Fraternity that will change your life for the better is what some people want or need in life. I will use the topics of how strong the brotherhood or sisterhood is and how other Fraternities or Sororities should apply the true meaning brotherhood or sisterhood to their chapters. My current Fraternity has a great brotherhood and we believe that is a major part of Fraternity or Sorority. Also I want to see what other Fraternities' or Sororities' brotherhoods or sisterhoods are like on my campus. I will also get to see what other Fraternities or Sororities are like on other campuses. I think Fraternity or Sorority life is something that should be life changing.

THE SUPERIOR AMERICA

11:30 a.m.-11:45 a.m.

SH319

Presenter(s):

Ryan Bell

Abstract/Description:

Within the last decade, America's economy has slowly but surely become less and less eminent. However, in present American culture, our government still has a general concept of our country being superior to others. Because of this, we deem it necessary to try to stimulate our form of democracy (or as some call it, "help") to all other countries who we feel needs our help. I think of myself as a rather patriotic American. As Americans, we should stimulate our economy before we go into other countries and try to help them.

CWRR II PRESENTATIONS

10:00 a.m.-10:30 a.m.

SCO211

Presenter(s):

Students of CWRRII-Gilpin

Abstract/Description:

These CWRR II class members, most of whom analyzed perspectives of the American Dream in CWRR I in the Fall, examined a variety of topics. Most of the subject areas are humanities-based, and the experience served to not only encourage the students to apply research methods, but also to use synective metaphor to choose subject areas.

**THE TRUTH IN DAVY CROCKETTS LAST STAND
AND THE MYTH OF THE ALAMO**

2:00 p.m.-2:30 p.m.

SH319

Presenter(s):

Marissa Duffey

Abstract/Description:

Without question, the Alamo is a significant marker in Texas history. Recently, new evidence has cast a shadow not only over the heroic last stand scenario but also over the valiant role of the Alamo's dominant personality, David Crockett. While direct evidence is sparse, the available evidence leaves significant room for varying interpretation. Despite the existence of potentially negative evidence, Texan support for Crockett seems to be steadfast; however, history and many historians feel differently. This paper will offer a plausible explanation for Crockett's location, activities and motivation prior to his death on March 6, 1836.

THE TRIUMPH OF THE WOMEN'S CENTRAL RELIEF AND THE EXPANSION OF FEMININE ENFRANCHISEMENT

2:30 p.m.-3:00 p.m.

SH319

Presenter(s):

Jeanette Miller

Abstract/Description:

In this essay I seek to illustrate how the work performed by the United States Sanitary Commission and the Women's Central Association of Relief and its associates during the American Civil War and the necessary temporary relaxation of social custom governing women's role outside the home due to the war time economy led to a reinvigoration of the Women's Suffrage Movement in the late nineteenth century.

**TITANIC AND CALIFORNIAN:
THE ARGUMENTS ON CAPTAIN LORD**

3:00 p.m.-3:30 p.m.

SH319

Presenter(s):

Doug Nehring

Abstract/Description:

The presentation will cover the facts surrounding the relationship between the RMS Titanic and the SS Californian on the night the Titanic sank, April 14, 1912. Since that day, there has been a dispute over the distance between the two ships, with the argued distances being between 7 and 20 miles. The presentation will bring to light the arguments of both sides, those who aim to condemn the Californian's captain, Stanley Lord, for standing by and watching the Titanic sink, and those who aim to exonerate a man. I will conclude with my thoughts on the topic.

**FORMALIZING COURSE MATERIALS FOR MA 125
MATHEMATICS IN THE WORLD**

10:00 a.m.-10:30 a.m.

SH420

Presenter(s):

Marissa Morin

Abstract/Description:

The general goal of this project is for an undergraduate fellow to collaborate with a faculty member to develop course materials that will be used in MA125 Mathematics in the World (a course that satisfies the quantitative reasoning requirement). Currently, the books on the market for this course carry a very high price tag, and only a small portion of the topics in the texts apply to MA125. The end product of this project can be used as a course packet (or individual modules) for future courses. In this presentation, the process the fellow used, as well as, preliminary materials will be shared.

SPANISH CAPSTONE

3:00 p.m.-4:00 p.m.

SH303

Presenter(s):

Laura Alva

Danielle Osmond

Grace Walworth

Maricela Torres

Leslie Ruettiger

Tina Holding

Abstract/Description:

1. La asistencia publica para los latinos en los Estados Unidos
(Laura Alva)
2. Fracaso escolar en las escuelas primarias de Espana
(Danielle Osmond)
3. Los beneficios de la medicina alternativa
(Maricela Torres)
4. El movimiento Teatro Abierto en Argentina
(Leslie Ruettiger)
5. El uso del automovil electrico en latinoamerica
(Grace Walworth)
6. Resultados del nuevo curriculo de matematicas en Chile
(Tina Holding)

SCIENCE IN MUSEUMS DESIGN PRESENTATIONS

10:15 a.m.-12:00 p.m.

LTSC001

Presenter(s):

Kate Burton
Bill Kersten
Kevin McNelly
Tim Nielsen
Alie Mueller
Alix Warren

Abstract/Description:

Students in PY 160, Science in Museums, will present their proposals for science museum exhibits. Their presentations will include the design of their exhibit, an explanation of how it works, what concepts it addresses, how patrons would interact with it, and why they made the choices they did.

EXPERIMENTAL PHYSICS II RESEARCH PRESENTATIONS

1:00 p.m.-3:30 p.m.

LTSC001

Presenter(s):

Joe Cheeney	Nick Polley
Bret Henderson	Nicole Tipsword
Lizzy Kelly	Jamiahus Walton
Corey Page	Justin Williams
Eddie Pluhar	

Abstract/Description:

Students in PY 362, Experimental Physics II, will present the results of research projects which utilize National Instruments' LabVIEW software and a variety of sensors to acquire and analyze data.

A FAILED PROCESS: HOW THE ROMAN CATHOLIC SEX SCANDAL RESULTED FROM A LACK OF STRUCTURE

9:00 a.m.-9:30 a.m.

SH420

Presenter(s):

Michelle Patrick

Abstract/Description:

This project addresses the problem faced by the Roman Catholic community when the sexual scandal was revealed to the United States in 2001. The goal of this project is to discuss how the problem is not with the church members who participated in the abuse but in the lack of Vatican policies. Additionally, the policies that the Vatican did have in place were weak, insufficient and did not produce sound procedures for church's dealing with the crisis. This research has been done through interviews with church staff, rhetorical criticism and crisis communication literature. By highlighting the weaknesses in the Vatican policies, one can understand the true importance in developing sound, thorough and constructive policies for its members.

STUPID OR JUST DON'T CARE: THE CONSEQUENCES FOR LACK OF POLITICAL KNOWLEDGE

9:30 a.m.-10:00 a.m.

SH420

Presenter(s):

Amanda Seider

Abstract/Description:

Illinois has been plagued with a state government that is not meeting public needs. Citizens of this state are not educated on our government or the way it works. Maybe the citizens just choose not to care. When first approaching this topic of political knowledge, I decided to keep to the 18-25 age groups. This forces us to look at what they have learned before voting age. What are they taught before they leave high school? There is nothing stated about the IL constitution and/or IL history in the Public Act 094-0676 which discusses course requirements for high school graduation.

**HUMANITIES UNDERGRADUATE
RESEARCH FELLOWSHIP**

1:00 p.m.-3:00 p.m.

Pilling Chapel

Abstract/Description:

HURF stands for the **H**umanities **U**ndergraduate **R**esearch **F**ellowship. The awards are selected from a general solicitation of papers from all Millikin Undergrads. The purpose of the award is to recognize the very best undergraduate research efforts in the humanities. Awards are based upon the consensus of a three member committee comprised of faculty members from the departments of History, English and Philosophy.

DRUG USE ON MILLIKIN CAMPUS

8:00 a.m.-9:00 a.m.

SH412

Presenter(s):

Caitlin Brehm

Ryan Ferries

Abstract/Description:

By surveying Millikin students we researched drug use on campus. Many factors were included in our research, such as sexuality, majors, athletics and negative consequences. Last, we researched how well Millikin's university-wide learning goals are being accomplished in relation to drug use.

CLIMATE AND INCIDENCE OF SEXUAL HARASSMENT IN COLLEGE

8:00 a.m.-9:00 a.m.

SH412

Presenter(s):

Aron Kays

Dani Litz

Connie Gawlik

Abstract/Description:

The tolerance of sexual harassment by an organization is a well-known predictor of sexual harassment in the workplace. The role of tolerance (i.e., climate) of sexual harassment has not been investigated in the academia. This paper will examine both the incidence of sexual harassment in college and the role that climate plays in its prevalence.

OUTCOMES OF SEXUAL HARASSMENT

8:00 a.m.-9:00 a.m.

SH412

Presenter(s):

Jessica Sivak

Autumn Morgan

Abstract/Description:

Although the issue of the consequences of sexual harassment is well researched in the workplace, little is known about the impact on college women of harassment. This paper examines the outcomes of sexually inappropriate behavior by peers and professors experienced by college students.

WHO'S DATING WHO: CHALLENGES OF DIVERSE RELATIONSHIPS AND THE REASONS BEHIND THEM

9:00 a.m.-10:00 a.m.

SH412

Presenter(s):

Brittany Thatcher

Josh Schultz

Morgan Williams

Amanda Schmitz

Lyndi Elliott

Quanesha Griffin

Brittany Parker

Lizzie Jenkins

Teri Fickes

Emma Hayes

Matt Rugar

Taylor Hart

Julian Ford

Maryrose Goodman

Val Anderson

Jenna Gilmar

Melia Lents

Abstract/Description:

Are you dating outside of your culture? Would you? Are you dating someone of the same sex? Would you? These are examples of common issues we as college students face everyday. This presentation will challenge you to look at the diverse relationships in your life and analyze why they are the way that they are, as well as, understand the problems they face everyday because of them. Do YOU, as a part of society, add to these challenges? Come and explore something new about yourself and the people around you!

THE EFFECTS OF MENTAL ILLNESS ON COLLEGE-AGED STUDENTS

10:00 a.m.-11:00 a.m.

SH412

Presenter(s):

Kaitlyn Saathoff	Sarah Leigh
Emily Anderson	Caitlin Brehm
Andy Nail	Megan Welton
Simon Nicholson	Devon Gant
Laura Alva	Brittany Parker
Kiona Triana	

Abstract/Description:

What is mental illness? Have we failed as a nation to provide mental health services? What can we do to effectively advocate for individuals with mental illness? Come join us to learn about mental illness in our country and how you, as a college student, are impacted.

EXPLORATION OF THE PAWNEE NATION

11:00 a.m.-12:00 p.m.

SH412

Presenter(s):

Emily Anderson	Brittany Thatcher
Laurel Malloy	Laura Fine
Kaitlyn Saathoff,	Liz Choate
Kaitlin Huston	Paige Swaim

Abstract/Description:

Join the Human Service Connection as we relive our experiential learning spring break trip to Pawnee, Oklahoma. The presentation will explore the Native American culture, and perhaps challenge society's stereotype of this group.

**HUMAN SERVICE CAPSTONE
INTERNSHIP EXPERIENCE**

1:00 p.m.-2:00 p.m.

SH412

Presenter(s):

Felicia Gonski
Kiona Triana
Brittany Thatcher
Laura Fine
Emily Anderson

Abstract/Description:

Advanced Internship Capstone is a performance based experience where developing professional behaviors, skills, and values are developed and expanded by Senior students who have successfully completed Capstone Internship. Fields of Practice include School Social Work, Growing Strong Center, Substance Abuse Treatment.

HUMAN SERVICE CAPSTONE INTERNSHIP EXPERIENCE

2:00 p.m.-3:00 p.m.

SH412

Presenter(s):

Jenna Gillmar
Kaitlyn Saathoff
Laurel Malloy
Caitlin Brehm
Kaitlin Hutson

Abstract/Description:

Human Service Capstone Internship is both a formal class and an experiential based learning opportunity. Students will provide information from their personal experiences on topics of site selection, integration of academic content, real world challenges and provision of services , impact of continuing their learning experience in the field.

THE IMPACT OF SOCIAL NETWORKING ON WELLNESS

9:00 a.m.-9:30 a.m.

SCO315

Presenter(s):

Autumn Morgan
Lindsey Compton
Marquita Ward
Jasmin Benavides
Jasmine Broadie
Christiana Cabrera
Emily Valentin
Darian Peer
Matt DeCosse
Laura Alva
Yasmine Scott

Abstract/Description:

Social networking sites have become the primary source of communication in our society. They have provided venues for people to connect with people around the world. Recent research have shown social networking sites to have both positive and negative impacts on society.

Millikin University along with many other colleges and university realize the importance of Wellness Education Programs and initiatives. At Millikin, wellness is defined by seven dimensions: social, physical, intellectual, environmental, spiritual, emotional, and occupational.

The Junior Long-Vanderburg Scholars will discuss social networking and its' impact on wellness. The primary dimensions discussed will be emotional, mental, and social wellness.

SOPHOMORE LONG-VANDERBURG SCHOLARS RECYCLING PROJECT

9:30 a.m.-10:00 a.m.

SCO315

Presenter(s):

Sophomore Long-Vanderburg Scholars

Abstract/Description:

The Sophomore Long-Vanderburg Scholars will educate their audience on previous accomplishments and future advancements on their recycling project.

LONG-VANDERBURG SCHOLARS: IDENTITY AND SCHOLARSHIP

10:00 a.m.-10:45 a.m.

SCO315

Presenter(s):

Cassandra Barkley

Kelsey Carter

Jacqueline Chaidez

Jianna Fernandez

Dominique Gaines

Michelangelo Garcia

Ariel Robinson

Katelynn Rodriguez

Syed Salik

Kiernan Steiner

Melissa Summers

Abstract/Description:

The freshman Long-Vanderburg students will explore connections between identity, ethnicity, culture, and history, among other topics, using both reflection and research to construct their arguments.

AUTOETHNOGRAPHY

10:45 a.m.-11:00 a.m.

SCO315

Presenter(s):

Domonique S. Howell

Abstract/Description:

A brief narration of the student's personal and academic journey.

AUTOETHNOGRAPHY

11:00 a.m.-11:15 a.m.

SCO315

Presenter(s):

Franshandra J. Liddle

Abstract/Description:

A delineation of the struggles and triumphs in the students personal and academic journey.

AUTOETHNOGRAPHY

11:15 a.m.-11:30 a.m.

SCO315

Presenter(s):

Cassandra S. Monfiston

Abstract/Description:

This is a brief rendering of the students personal story of struggle and eventual triumph in both personal and academic life.

AUTOETHNOGRAPHY

11:30 a.m.-11:45 a.m.

SCO315

Presenter(s):

Marijka C. Munoz

Abstract/Description:

This is a powerful and moving narration and critique of the student's personal and academic journey both at Millikin University and beyond.

AUTOETHNOGRAPHY

11:45 a.m.-12:00 a.m.

SCO315

Presenter(s):

Thomas C Pointer

Abstract/Description:

This is a beautifully crafted rendition of the student's personal and academic growth both prior to during his tenure at Millikin University.

18TH ANNUAL MILLIKIN UNIVERSITY RESEARCH POSTER SYMPOSIUM

1:00 p.m.-3:00 p.m.

Shilling Hallway (2nd Floor)

The Millikin Research Poster Symposium was developed to provide all currently enrolled students with an opportunity to share their scholarly activities, as well as practice the communication skills so crucial to professional success. Modeling professional research conference practices, the Millikin Research Poster Symposium celebrates the scholarship that results from these student-faculty collaborations, and encourages students not currently involved in scholarship to participate in the future. Their scholarship is an authentic example of our mission to translate theory into practice. The variety of research methods and topics vividly demonstrate each student's definition of their professional success, active citizenship, and life of meaning and value.

The symposium atmosphere is casual and designed to foster informal conversations between student researchers and symposium attendees. The audience is typically other students, faculty, and invited guests. Participation in the poster symposium requires faculty review and certification of the quality of the scholarly project. During the poster symposium, faculty judges critique each poster and speak with the presenters to evaluate each participant's level of expertise, with top posters receiving awards. Begun in 1993 with funding from the Office of the Provost, the poster symposium is now in its 18th year. In 1994, Judith and G. Richard Locke and the interdisciplinary Honor Society of Phi Kappa Phi began providing financial support for the prizes awarded to the top-rated student authors of the poster symposium.

In Honor of Judith and G. Richard Locke



The 18th Annual Millikin University Research Poster Symposium is dedicated to Judith “Judy” and the late G. Richard “Dick” Locke, M.D., in gratitude for their long standing support of undergraduate research at Millikin University. Dick and Judy founded the Judith and G. Richard Locke Undergraduate Research Poster Awards in 1996.

Dick served as a Millikin Trustee from 1994 until 2003, when he retired as Co-Vice Chair. In recognition of his service, he retained the title of Trustee Emeritus. While a Board member, he chaired many committees and served as Vice Chair for the campaign to build Leighty-Tabor Science Center.

An Ohio native, Dick earned degrees from DePauw University, Greencastle, In., and Western Reserve University School of Medicine, Cleveland, Ohio. He served as Medical Director of the Decatur Cancer Care Institute from its founding in 1968 until his 2002 retirement. A local pioneer in the use of radiation therapy for cancer treatment, Dick was known for patient advocacy and compassionate care.

Dick served as Clinical Associate Professor for the University of Illinois-Urbana/Champaign School of Medicine and Southern Illinois University Medical School-Springfield. He was a longtime Trustee for his undergraduate Alma Mater, DePauw University. A Fellow of the American College of Radiology, Dick also held a variety of leadership roles in the local medical community.

Dick and Judith “Judy” Blang Locke were married soon after their graduation from DePauw. An advocate of parks and community recreation, Judy serves as President of the Decatur Parks Foundation. A Decatur Park District Commissioner for more than 20 years, Judy’s expertise led to her election as the Board President of the Illinois Association of Park Districts in 2000. She is a member of the Millikin Associates.

Dick passed away on August 29, 2009. Judy lives in Decatur.



COLLEGE OF FINE ARTS



A handwritten signature in white ink that reads "Barry Pearson".

Barry Pearson
Dean

College of Fine Arts

Today, the whole University comes together to stand in awe of the power of learning, innovation, and ideas. "Celebrations of Scholarship" will suffice as the day's title, but only because something like "The Day of Liberating Power of Learning Emanating From Students Transcending Traditional Boundaries and Expectations of Undergraduate Achievement to Excel Beyond Our Imaginations" wouldn't fit on the title space for flyers and brochures.

PAUL KLEE: THE WITCH'S FLIGHT

8:30 a.m.-9:00 a.m.

LIB29

Presenter(s):

Lauren Harrison

Abstract/Description:

This presentation looks at select drawings of Paul Klee sporting the themes of witches, witchcraft, and magic. Although Klee is notorious for having miscellaneous images within his bodies of work, there is much to be said about the multiple sporadic witch drawings that appear throughout his career.

CERAMIC VESSELS

9:00 a.m.-9:30 a.m.

LIB29

Presenter(s):

Kari Thornton

Abstract/Description:

I will show a hands on look of traditional ceramic vessels progressing into contemporary forms and designs. It will give a brief look at the history of the ceramic vessel and and more importantly the importance of the history.

COSTUME CONSTRUCTION FASHION SHOW

9:00 a.m.-10:00 a.m.

Pilling Chapel

Presenter(s):

Students Enrolled in Costume Construction

Abstract/Description:

The students of costume construction will be showcasing their projects on the runway. Many have never sewn before, but they will have completed garments which show the skills they have acquired over the semester.

SENIOR CHOREOGRAPHY PIECE

2:00 p.m.-3:00 p.m.

Kaeuper Hall

Presenter(s):

Ashley Hallowell

Abstract/Description:

Education through Dance. I choreographed a piece using the Dance Ensemble for February's Equinox Dance Concert. I decided it was important for me to present it and go through the process, as I used my degrees in Education and Dance to create this art.

AN INTERDISCIPLINARY STUDY**3:00 p.m.-4:00 p.m.****Kaeuper Hall****Presenter(s):**

Katherine Sheahan

Abstract/Description:

Come see a presentation on integrating education into dance. We will begin with an introduction on integrating the fundamentals of early education into a dance lesson. I will include examples of Illinois Early Learning Standards, and how you can represent these through movement and dance. The second portion of the presentation will be a demonstration, putting this information into action with audience participation. If you are interested in joining, wear comfortable clothing and socks or bare feet. Whether you're classically trained or have no dance experience at all, anyone can join because we will be starting from the very beginning!

BROADSWORD FIGHT

1:00 p.m.-2:00 p.m.

Old Gym

Presenter(s):

Julia Smith

Jaymeson Metts

Nick Belanger

Cory Robison

Ryan Andrews

Colin Funk

Melissa Szenati

Ryan Williams

Abstract/Description:

The class will present different scenes using the same choreography. The actors will be fighting with broadswords.



COLLEGE OF PROFESSIONAL STUDIES



Deb Slayton

Dr. Deb Slayton
Interim Dean

College of Professional Studies

Celebrations of Scholarship. What a fabulous moniker! Not only does it describe the work of the University, it communicates how we embrace the myriad of that work. We celebrate scholarship in all of its forms! The event is rich with a diversity of scholarly topics, settings, and approaches.

In the College of Professional Studies, we value the development of professionals who engage in active learning while acquiring knowledge. We believe there is no better example of active learning than an individual's engagement in scholarly endeavors. Scholarly engagement improves the body of knowledge of the professional. Scholarly engagement advances the application of theoretical concepts to practiced performance. Scholarly engagement supports the development of partnerships within communities. Scholarly engagement shapes the future of the professions in which we practice.

So I invite you to see how we engage. Check out how engagement in the form of the MU Health Beat Program, a campus-wide nutrition and fitness program, impacted participant behaviors and body composition scores in effort to determine an effective approach to the improvement of overall campus health and wellness. Learn how nursing students, who witness the devastating effects of unhealthy behaviors in their patients, are influenced in their own health-promotion behaviors.

DOES MERIT PAY PAY?

8:30 a.m.-9:00 a.m.

SH420

Presenter(s):

Jarred Leeper

Joseph Sparks

Abstract/Description:

This presentation addresses the controversial topic of merit pay for K-12 public school districts and evaluates whether or not pay for performance correlates to student performance in the classroom.

SENIOR CAPSTONE TEACHER WORK SAMPLES

1:00 p.m.-4:00 p.m.

SH318

Presenter(s):

Huston Mathias

Nicole Vogrin

Lizz Torres

Ashley Hallowell

Kelsey Lee

Morgan Rufty

Abstract/Description:

The Teacher Work Sample provides the teacher education candidates the opportunity to demonstrate their ability to plan, implement, and evaluate a standards-based unit of instruction for a specific class of students and to facilitate learning for all students. Candidates should be aware that when they are teachers, they will be expected to do long-range planning, develop units of instruction, including detailed lesson plans, and to provide data showing that their students were able to reach the unit goals. Teaching involves a continuous process of setting goals, pre-assessing, revising goals based on assessments, planning, teaching, post-assessing, and reflecting.

The Teacher Work Sample is a culminating experience in the Millikin University School of Education program that requires one to synthesize what they have learned in their classes and internships and to provide evidence of that learning. The knowledge and skills that were developed prior to student teaching are put into practice as candidates actually prepare and teach a developmentally appropriate unit of study for students in the student teaching classroom. Candidates analyze data from their pre- and post-assessments to provide concrete evidence of student learning. Further, they collect examples of the work their students did as they learned the skills and concepts planned and taught. Candidates reflect on their progress to self-evaluate the planning and teaching of the unit.

MU HEALTH BEAT PROGRAM AND RESEARCH STUDY

8:00 a.m.-9:00 a.m.

SCO315

Presenter(s):

Courtney Feger

Samantha Blankenship

Abstract/Description:

Other universities have tried to improve the health and wellness of their campuses; however, additional research is needed to decide what are the most effective approaches to improving health indicators among campus students, staff, and faculty. This quasi-experimental research study analyzed participant daily habits and body composition scores before participating in a campus-wide nutrition and fitness program, and subsequently post program participation for significance at the .05 level. Program and program outcomes will be discussed to further research on campus nutrition and fitness programming, and to help develop a model for other campus communities.

AN EXTENSION OF “ANALYSIS OF A SILENT VOICE”

9:00 a.m.-10:00 a.m.

SCO309

Presenter(s):

John R. Blakeman

Abstract/Description:

This research, an extension of last year, centers on a piece of cloth that was embroidered by an African-American woman diagnosed with schizophrenia that never spoke. Contained in this embroidery are 173 unique ideas and over 3,000 characters. Working on the findings from the previous year, the researchers have developed a conceptual framework to illustrate the results. Connections to milieu (environment) management, journal writing and art therapy are explored. Even though the patient was silent, the results reveal she was affected by the environment around her. Overall, the results reveal the importance of tailoring nursing care to each individual patient.

20 BY 20. ATTAINING 20% MALE ENROLLMENT IN NURSING PROGRAMS BY 2020

10:00 a.m.-11:00 a.m.

SCO309

Presenter(s):

Tom Rutherford

John Blakeman

Aaron Bell

Ron Baker

Jim Mitchell

Abstract/Description:

A profession should reflect the population’s diversity. About 45% of the population is male, while 6% of the nursing workforce is male. Increasing BSN enrollment is an essential component to ameliorating the nursing shortage, but the profession must become more diverse along the way by attracting men into nursing.

This panel explores four objectives of the American Assembly for Men in Nursing (AAMN, 2009): 1) encourage men to become nurses to strengthen health care; 2) support men in professional growth; 3) advocate for men’s health issues and men in nursing; and 4) support full participation of men in nursing.



TABOR SCHOOL OF BUSINESS



A white, stylized handwritten signature of Dr. Jim Dahl, written in a cursive script.

Dr. Jim Dahl
Dean

Tabor School of Business

There is a time to prepare, a time to perform, and a time to celebrate; this day brings us all an opportunity to celebrate our students' scholarship, as they share their work. Come learn what new ideas students have developed, what insights they have discovered, or what new ventures they are building. Like no others, Tabor students collaborate with peers and faculty, and they are actively engaged in their major-- they perform and they compete with the best.

At the end of the day, you will be impressed, as we are, with the diversity of ideas, the quality of work, and the capacity of our students as professionals taking on the challenges of a complex business world. Join us in the celebration of their scholarship.

CAREER FOCUSED SOCIAL MEDIA

1:00 p.m.-1:30 p.m.

SCO211

Presenter(s):

Audra Davis

Abstract/Description:

My presentation will center around the Career Center's use of social media to connect with students. I have been researching ways in which the Career Center can better utilize its social media to provide services for students and connect them with employers and alumni. I will also be presenting a few suggestions as to how the Career Center can help students and how students can take advantage of its offerings.

BUSINESS CREATION CHALLENGE

8:00 a.m.-12:00 p.m.

SCO207

Presenter(s):

TBD

Abstract/Description:

The Business Creation Challenge is a business plan competition open to Millikin undergraduate students from any area of study. Students are invited to submit their business concept, business feasibility plan, or full business plan to the competition where they will give a presentation to a panel of judges. The judges will determine winners in three categories: Concept, Feasibility, and Business Plan.

**PIPE DREAMS STUDIO THEATRE -
COMPANY IN PROGRESS**

11:30 a.m.-12:00 p.m.

SCO213

Presenter(s):

Chloe` Day	Alexander Belanger
Jessica Taylor	Nick Throop
Wade Tischhauser	Kaylie Honkala
Alex Scholinsky	Nathan Dibben
Bekki Lambrecht	DJ Ulbert
Kati Serbu	Jordan Carpenter

Abstract/Description:

Pipe Dreams Studio Theatre has made many updates since last years Day of Scholarship. This year we would like to give our 1 year down the line synopsis of major changes, and improvements, as well as a couple of performance samples of the kind of original, student work being produced in our space.

BRANDING PLAN FOR A SMALL RECORDING STUDIO

1:30 p.m.-2:00 p.m.

SCO213

Presenter(s):

Cody Thatcher
Brandon Wiesenborn
Zane Peterson
Justin Thompson
Erika Davidson
Kayla Vogel
Evan File

Abstract/Description:

A small midwestern recording studio has a unique and very targeted niche market. The students have researched and developed brand campaign designed to increase the market share of the company by 25%.

MILLIPLEX: A BUSINESS PLAN IN INTRO TO BUSINESS

1:00 p.m. - 1:30 p.m.

SCO213

Presenter(s):

Jamie Rockhold

Drew Blaase

Terrance Moneghini

Abstract/Description:

The introduction to business class is the first business course students at the Tabor School of Business take. In this class, students learn to integrate key business concepts through the creation of a business plan. The Milliplex business plan is the recipient of the 2011 best business plan award at the Tabor School of Business. Highlights of the business plan will be presented at the Celebration of Scholarship to showcase student business writing skills and strategic ability.

**EXPLORING THE TUNNEL:
DEVELOPING OUR COMMUNITIES**

1:00 p.m. - 1:15 p.m.

SCO207

Presenter(s):

Jordan Russell

Abstract/Description:

The Tunnel of Oppression is a program that looks at social identities and how they are oppressed in society. This program is an opportunity to educate and make the world a better place. How do you develop this program on your own? How do you use the program to open dialogue about diversity? All these questions and more will be answered.

**DESIGNING AND FACILITATE
A TRAINING MODULE**

1:15 p.m. - 3:00 p.m.

SCO207

Presenter(s):

TBD

Abstract/Description:

Student facilitators will showcase their abilities to design and deliver an effective training program as attendees learn how to effectively create goals and action plans that work!

MANAGING MONEY: LESSONS FROM THE TABOR INVESTMENT PORTFOLIO (TIP)

1:30 p.m.-2:00 p.m.

SCO211

Presenter(s):

Ben Andreas	Brett Coffman
Juan Fuentes	Dan Gongora
Kate Krones	Zane Peterson
Holly Probst	JB Spillane
Brandon Weisenborn	

Abstract/Description:

Ever flipped past CNBC or paged through a newspaper and wondered what they are all talking about? So do we! While we can't begin to explain the workings of the media, the students involved in TIP do know something about investing in the stock market. We will provide a brief overview of investing in the market and a look at the portfolio we manage, including a discussion of the returns we have earned and the experience we have gained so far. Opportunities like this are what the Tabor School of Business is all about: performance and competition.



HONORS FRESHMAN FOCUS PANELS



Millikin's Honors Program introduces students to college-level scholarship, research, critical thinking, and writing. Freshman Honors seminars involve intense discussion and require active participation. Honors Scholars are chosen based on their academic achievements, involvement in high school, and an interview/selection process. During Celebrations of Scholarship, freshmen present their research from their first two semesters as an Honors student. Join them as they celebrate their first successful year at the University!

HONORS FRESHMAN FOCUS PANELS

April 29

Dr. Crowe

SH318**9:00 to 10:00****Presenter(s):**

Hailey Albert
Mariah Mark
Nicole Johnson

10:00 to 11:00**Presenter(s):**

Megan Vail
Jennifer Petagno
Ryan Fraedrich
Demetrui Spidle

11:00 to 12:00**Presenter(s):**

Tyler Johnson
David Shaffer
Jordan Helderman
Bryson Hoff

SH327**9:00 to 10:00****Presenter(s):**

Jordan Pennington
Lindsey Baxter
Josh Monroe
Ali Smith

10:00 to 11:00**Presenter(s):**

Emma Prendergast
Matthew Hamrick
Heidi Zapp
Jamie Wimberly

11:00 to 12:00**Presenter(s):**

Allie Berroyer
Grant Edwards
Jeremy Shull
Blake Walters

For information on abstracts and titles go to
www.millikin.edu/academics/celebrations/day

HONORS FRESHMAN FOCUS PANELS

April 29

Dr. O'Conner

SH315

8:00 to 9:00

Presenter(s):

Holly Gleason
Julia Hesse
Chelsea Hadsall
Dana Bjorge

SH317

8:00 to 9:00

Presenter(s):

Danae Peters
Adam Blakey
Hannah Gifford
Nick Young

9:00 to 10:00

Presenter(s):

Jarred Leeper
Jamie Rockhold
Emily D'Ambrose
Merissa Marx

9:00 to 10:00

Presenter(s):

Jacqui Rogers
Kirstyn Kedaitis
James Ferris
Ky Cochran

10:00 to 11:00

Presenter(s):

Jaime Patriara
Anastasia Arnold
Sean Doherty
Kolton Ray

10:00 to 11:00

Presenter(s):

Jade Gustavson
Kalee Mitchelson
Kelly Lipsey

11:00 to 12:00

Presenter(s):

Nick Burge
Drew Burge
Sarah Block

11:00 to 12:00

Presenter(s):

Sam Spurling
Maddison Harner
Dana Anderson
Elise Scannell

For information on abstracts and titles go to
www.millikin.edu/academics/celebrations/day



JMS SENIOR RECOGNITION FRIDAY & SATURDAY



Cheryl L Chamblin

Dr. Cheryl Chamblin
Director Honors Program

Millikin University

Today's program showcases the work of the James Millikin Scholars. Students in this program have completed a project that started at the beginning of their junior years and culminates in today's presentations. The projects are as unique as the students presenting them. You will see presentations about Harry Potter, pole vaulting poles, children's literature, a Haiku novel, a choral elegy, gender differences in golf commentary and many other topics. We expect you to see some of the best student research and creative projects that Millikin has to offer.

FRIDAY PRESENTATIONS

SCO309

2:00 p.m. - 2:45 p.m.

A MATTER OF PERSONAL PREFERENCE OR POLE PHYSICS: EVALUATING THE DIFFERENCES IN UCS AND GILL POLE VAULTING POLES

Presenter:

Dawn Joutras, Biology

Project Advisor:

Kelly Cox

Although pole vaulting has its roots in ancient times, the sport has been recently modernized. The development of the “flexible” or fiber glass pole has had the greatest impact on the modernization of the sport. Fiber glass pole vault poles manufactured by Gill Athletics and UCS are the two brands most commonly, and almost exclusively, used by upper level and elite vaulters. These vaulters tend to have a preference for either Gill or UCS poles, and are not likely to alternate between the two brands. Examination of the pole construction methodology used by these two companies has lead to the identification of a differential in construction methods that may result in a difference in pole performance.

FRIDAY PRESENTATIONS

SCO309

3:00 p.m. - 3:45 p.m.

GENDER STEREOTYPES IN CHILDREN'S LITERATURE

Presenter:

Kelsey Lee, Early Childhood Education

Project Advisor:

Dr. Georgette Page

This project looks at a variety of prior research that examines children's literature for gender stereotypes. Children's literature is a vital piece of a child's development from birth, throughout their schooling, and in everyday life. By researching past studies, I have found that while there has been progress made in recent years, there are still many books with gender stereotypes. The question that has been left unanswered is an application of these findings. How do children respond? Do they see the biases in the books? This is where my project originated. As a future teacher, I wanted to know the consequences, positives, and negatives of these books in children's lives. I completed a study in the Decatur Public Schools with the assistance of 2 preschool classrooms at Pershing Early Learning Center. I read 2 children's books to students and then conducted interviews with each child individually. This study has led to interesting results in relation to how boys and girls think and also developmentally how children progress in relation to gender biases and stereotypes. Overall, this study will be helpful to any future educator, and also to future parents, to increase gender neutral beliefs in young children.

SATURDAY PRESENTATIONS

SCO207

8:30 a.m. - 9:15 a.m.

AN EXPERIMENTATION IN ADAPTATION

Presenter:

Nicholas Chivers, Accounting

Project Advisor:

Dr. Carmella Braniger

This project revolves around inspiration, translation, and adaptation. An event in my personal life inspired the short story that I translated and adapted into a piece of music and dance performance. Along this journey, I learned not only about the arts of short story writing, music editing, and choreographing, but about myself. I was forced not only to deal with challenging issues involved in the adaptation and translation of the story, but also the emotions behind the inspiring event. The final creative products can each be appreciated separately or together and reveal a better understanding of who I am and how I deal with emotion.

SATURDAY PRESENTATIONS

SCO208

8:30 a.m. - 9:15 a.m.

GENDERED ANALYSIS IN TELEVISED GOLF COMMENTARY

Presenter:

Kayla Vogel, Communications and Spanish

Project Advisor:

Dr. Nancy Curtin

This presentation reveals the results of a research project exploring the nature of televised commentary in the sport of golf. Two golf tournaments—one PGA, and one LPGA—serve as the focus of this study. Three questions will be answered: How are male and female golfers described in televised media coverage of golf tournaments?, How do male and female commentators describe the golfers?, and How do these results compare to the findings of a similar 2003 study? The answers help us understand how gender plays out in this old and popular sport.

SATURDAY PRESENTATIONS

SCO212

8:30 a.m. -9:15 a.m.

THE DUALITY OF RATIONAL THOUGHT: A RESPONSE TO SIDGEWICK USING CARD'S HEROIC CHILDREN AS MODELS

Presenter:

Mackenzie VanBeest, English Literature and Philosophy/Ethics

Project Advisor:

Dr. Michael George

Orson Scott Card's *Ender's Game* and *Ender's Shadow* are exceptional works of science fiction marketed toward an adolescent audience. The stories are unique in their explicit focus on individual moral development. I am investigating philosopher Henry Sidgwick's *Methods of Ethics* in order to describe the moral codes of Card's characters. This project will use normative ethical theory as well as post-human, ecocritical and psychological literary theory to analyze the moral views described and the relation of the views to the characters' own success in their struggle to defend Earth from an alien race.

SATURDAY PRESENTATIONS

SCO213

8:30 a.m. - 9:15 a.m.

FIREWORKS GONE MILD – SYNTHESIS AND CHARACTERIZATION OF ENVIRONMENTALLY FRIENDLY NOVEL ENERGETIC MATERIALS

Presenter:

Dian Romonsky, Chemistry

Project Advisor:

Dr. Paris Barnes

Outdoor fireworks are a year round attraction, but most people do not realize the toxic perchlorates that are released into the environment upon explosion. The goal of this project is to synthesize new energetic materials that would be used as a pyrotechnic fuel to make them more environmentally friendly. Derivatives of 3,6-dihydrazino-1,2,4,6-tetrazine were synthesized and analyzed using ^1H NMR and ^{13}C NMR to determine the structures of the compounds. Friction tests were performed on the derivatives to test their relative stability in addition to bomb calorimetry tests to measure the heat given off upon combustion. If a compound is discovered that can be easily synthesized and releases the appropriate amount of energy, further research will be done to see if it can be incorporated into fireworks that produce minimal environmental waste.

SATURDAY PRESENTATIONS

SCO109

9:30 a.m. - 10:15 a.m.

WHERE'S MY HOGWARTS LETTER?

Presenter:

Erika Davidson, Theatre/Theatre Administration

Project Advisor:

Amy Chisman

Why did Harry Potter become a phenomenon? How come it has affected me as much as it did? Will another generation ever have the same connection to this story as mine? If they can't have that same connection, will they have the same with another series? What is it about the Harry Potter series that made it what it has become? Is it the marketing strategy, the fact that it is a hero's journey, the mental state you slip into when you read it, it's parallels to the real world, the characters, the story itself, or all of those together?

SATURDAY PRESENTATIONS

SCO207

9:30 a.m. - 10:15 a.m.

THE INFLUENCE OF KNOWLEDGE ON THE HEALTH-PROMOTING BEHAVIORS OF STUDENT NURSES

Presenter:

Lindsey Haines, Nursing

Project Advisor:

Dr. Mary Jane Linton

Many professional nurses are overweight and/or experience tiredness while they encourage their patients each day to get enough rest, eat a balanced diet, and get up and move. This leaves the patient population wondering, did my nurse not learn how to take care of him/herself while attaining his/her professional degree? As nursing students learn about the long-term effects of health-promoting behaviors, do they make changes in their own personal lives? The purpose of this study is to examine how knowledge obtained during a Bachelor of Science in Nursing (BSN) program influences which health-promoting behaviors student nurses adopt. A quasi-experimental design was used for this study with subjects in two non-equivalent groups. The Health-Promoting Lifestyle Profile II (HPLP II) was completed by consenting students in the classroom setting. Some interesting parallels between the groups were identified in the areas of nutrition, exercise, and sleep which leads to recommendations for further study.

SATURDAY PRESENTATIONS

SCO208

9:30 a.m. - 10:15 a.m.

THE DETECTION OF FEIGNED WEAKNESS IN GRIP STRENGTH TESTING

Presenter:

Jessica A. Sivak, Psychology and Philosophy

Project Advisor:

Dr. James St. James

In testing for grip strength, it is imperative that the subject supplies maximal voluntary effort. Yet, for a number of possible reasons, submaximal effort is often exerted either intentionally or unintentionally. Traditional methods of functional capacity evaluation cannot adequately detect sincerity of effort in strength testing. To confront this issue, a test was constructed to evaluate a new hand-grip dynamometer that, when connected to a computer program, tracks the amount of force exerted by the grip of the subject. Trends in the data suggest that this test is a potentially reliable way to distinguish sincere effort from feigned effort in grip strength testing.

SATURDAY PRESENTATIONS

SCO212

9:30 a.m. - 10:15 a.m.

TO FORM A MORE PERFECT UNION: SHOULD THE UNITED STATES CONSTITUTION BE RADICALLY CHANGED?

Presenter:

Kate Eagler, English Writing

Project Advisor:

Dr. Eric Roark

This project takes an in-depth look at the United States constitution and asks, “Should the United States constitution be radically changed to reflect new values in America, such as the importance of cultural diversity?” Changing the constitution prompts considerable debate among living constitutionalists (those who believe in a changing interpretation of the constitution) and originalists (those who believe in a literal interpretation of the constitution). Thus, this paper explores the different sides of the debate and proposes ways to change the constitution, based on the new, liberally progressive constitution in South Africa.

SATURDAY PRESENTATIONS

SCO213

9:30 a.m. - 10:15 a.m.

NANOSHELL ENCAPSULATION OF BLISTER BEETLE TOXIN AS A POTENTIAL CANCER THERAPIC AGENT

Presenter:

Caitlin Klimavicz, Chemistry and Instrumental
Music Performance

Project Advisor:

Dr. Paris Barnes

Cancer therapy has developed significantly but has not come far enough because some tumors still do not respond to conventional treatments. Cantharidin, a toxin secreted by the blister beetle (family Meloidae), has been shown to cause apoptosis in cells. However, applications are limited because healthy cells are also damaged by the toxin. Encapsulation with nanoshells has the potential to make cantharidin a targeted weapon in the fight against cancer. Attempts were made to synthesize gold nanoshells starting with silver nanoparticles templates coated with cantharidin using a template engaged replacement reaction. Nano-capsule products were characterized using X-ray diffraction, UV-Vis spectroscopy and transmission electron microscopy. This research addresses the potential to encapsulate a powerful but indiscriminate toxin in a nanoshell delivery system.

SATURDAY PRESENTATIONS

SCO109

10:30 a.m. - 11:15 a.m.

FEAR MEDIA: A CONCEPT ALBUM

Presenter:

Alex Falls, Commercial Music

Project Advisor:

Dr. David Burdick

The impetus for this project was to create a concept album, a collection of songs with a common theme, and use them to tell an effective story. After studying several famous concept albums (such as Pink Floyd's *The Wall*), and going through several iterations I decided to create an original story about a serial killer who kills for the purpose of making news and the cop who is trying to catch him. Some of the major themes of the album are how the news influences reality, often in an unethical way, and how mass media affects our everyday lives. In order to best tell the story through music the plot has been kept simple, the music is sung in first person by the small cast of main characters, and the element of news and mass media is ever present and often playing in the background of the music.

SATURDAY PRESENTATIONS

SCO207

10:30 a.m. - 11:15 a.m.

AN EVALUATION OF TREATMENT METHODOLOGY FOR CHILDREN WITH AUTISM SPECTRUM DISORDER

Presenter:

Connie Gawlik, Psychology

Project Advisor:

Dr. Rene Verry

Autism Spectrum Disorder (ASD) has been most recently estimated to affect 1 in every 110 children in the United States. Life with ASD can be overwhelming for the individual as well as their caretakers as the syndrome proves detrimental to one's social interactions, emotional identification, and a variety of other typical behaviors. Based on the severity of the syndrome, different levels of therapy are necessary to aid in the social and academic development of the child. The purpose of this research project is to take a deeper look into these therapies through literature review as well as applying them directly to children in the Macon County area who have been diagnosed with ASD. By following a program for behavior modification instituted by the Macon County Mental Health Board, I present a firsthand analysis of therapy techniques for the Applied Behavioral Analysis (ABA) method, in particular. Realistic expectations of therapists in types and depth of therapy will also be examined.

SATURDAY PRESENTATIONS

SCO208

10:30 a.m. - 11:15 a.m.

A FAILED PROCESS AND POLICY: HOW THE ROMAN CATHOLIC CHURCH FAILED TO ADDRESS THE SEX SCANDAL TO THE UNITED STATES' PUBLIC

Presenter:

Michelle Patrick, Communications and Political Science

Project Advisor:

Dr. William Keagle

The purpose of this project is to investigate the severity of the Roman Catholic Church's sexual abuse scandal in the United States. The goal of this research is to reveal the complexity and severity of this issue due to a lack of communication and justice and the Vatican's traditional structure. This is done by rhetorically criticizing the Vatican's legislative documents, the Vatican's public relations materials and data collected from interviews with Catholic clergy. It is from this research that one can potentially help prevent such crises from occurring in the future within an organization.

SATURDAY PRESENTATIONS

SCO212

10:30 a.m. - 11:15 a.m.

MONKEY'S MASK: HAIGO AND THE HAIKU NOVEL

Presenter:

Aubri Cox, English Writing and English Literature

Project Advisor:

Dr. Randy Brooks

This project focuses on the integration of haiku and prose in the relatively unexplored genre dubbed as “haiku fiction.” While haibun pairs the haiku with poetic prose, haiku fiction involves narrative prose with plot and characters interacting with the haiku. By analyzing works such as Jack Kerouac’s *The Dharma Bums* and *Desolation Angels*, David Lanoue’s *Haiku Guy* series, and Rod Willmot’s *The Ribs of Dragonfly*, I have gathered their common characteristics and applied them in order to write my own haiku novella. In the essay portion of this project, I discuss the characteristics of haiku fiction, its connection to traditional Japanese forms, and the use of identity, haigo, in writing haiku from multiple perspectives.

SATURDAY PRESENTATIONS

SCO213

10:30 a.m. - 11:15 a.m.

PROCEDURES FOR SYNTHESIZING POTENTIAL INHIBITORS OF ALDOSTERONE SYNTHASE BY GREEN METHODS

Presenter:

Elise Wildman, Chemistry

Project Advisor:

Dr. George Bennett

Every year 550,000 people in the United States are diagnosed with Congestive Heart Failure (CHF). One cause of CHF is the overproduction of an enzyme called aldosterone synthase. My project is synthesizing potential inhibitors of aldosterone synthase by green methods, or methods that are inherently less hazardous and less polluting. Research has been conducted on various procedures aimed at source reduction of pollution. My results show that the use of safer solvents can make the synthesis less hazardous.

SATURDAY PRESENTATIONS

SCO109

1:15 p.m. - 2:00 p.m.

A CYCLE OF ORIGINS

Presenter:

Carla Seet, Theatre

Project Advisor:

Prof. Denise Myers

In our hurly-burly world of business trips, lunch meetings, and overtime, time has become a commodity—something you spend, rather than something you exist in. But is our history as people linear, like our day-to-day schedules, or is it actually circular? Native American philosophy teaches a cyclical view of time in which the past, present, and future all exist at once. In order to explore this idea, I have researched my family history and written a collection of poems all based on the theme of how the lives of our ancestors influence the life we currently lead. The poems follow the life cycle mapped out in the medicine wheel of the Blackfoot Indians, with each individual poem telling the story of a rite of passage one of my family members has experienced that corresponds with a stage in the wheel. While the precise experiences aren't the same for everyone, I hope readers will recognize the feelings brought out by the rites and the lessons learned, showing that many people—past, present, and future—have a shared existence.

SATURDAY PRESENTATIONS

SCO207

1:15 p.m. - 2:00 p.m.

TECHNOLOGY AND RECORDING: REALITIES OF THREE HISTORICAL ERAS

Presenter:

Dominik Boncza-Skrzynecki, Audio Engineering

Project Advisor:

Dr. David Burdick

The purpose of my research is to examine the influence of recording technology as it pertains to the actual recording process itself and those involved in it. I delve into the realities of capturing sound during three historical eras: phonograph, tape and digital. Noting how technological developments change the way people work, I use the equipment that corresponds to each of the three eras to manifest three different recording sessions. The tunes yielded from each session are then played back on a device typical to their time period.

SATURDAY PRESENTATIONS

SCO208

1:15 p.m. - 2:00 p.m.

ZERO-DIVISOR GRAPHS OF FINITE COMMUTATIVE RINGS

Presenter:

Darrin Weber, Applied Mathematics

Project Advisor:

Dr. Joe Stickle

The zero-divisor graph of a commutative ring, R , is a graph whose vertices are the nonzero zero-divisors of a ring and two vertices are connected if their product is zero. These graphs have been studied for a number of years in the hope that the graph-theoretic properties can help us understand more about the ring-theoretic properties of R . We slightly alter the definition of the zero-divisor graph to obtain the compressed zero-divisor graph. Also, we look to expand on the idea of zero-divisor graphs of rings into lattices on those rings. We take the zero-divisors of a ring, examine their annihilator sets, assign an order to them, and then place these annihilators into a lattice structure. We take a preliminary look at the relationships between the zero-divisor graph, compressed zero-divisor graph, and the zero-divisor lattice.

SATURDAY PRESENTATIONS

SCO212

1:15 p.m. - 2:00 p.m.

HISTORY, TEXT, AND CONTEXT: NEW HISTORICISM IN APPLICATION

Presenter:

Klay Baynar, History and Philosophy

Project Advisor:

Dr. Purna Banerjee

More and more often, scholars are recognizing that no academic discipline is studied in a vacuum. Literature and history are no exception—many intriguing and fascinating questions arise when one reflects on the complex interplay between literature and history. What exactly does literature become when it is read through an historian’s eyes, that is, in terms of function, what role does a piece of literature play in the study of history? Can one learn history by studying literature? Is it necessary to put a particular piece of literature in historical context in order to understand it? Why have works that have so graciously been awarded the title of “literature” survived throughout history to be read today? I hope to offer a response to these questions, and propose a way to understand issues involving literature in history and history in literature. is just as paramount to the success of a production as its creators.

SATURDAY PRESENTATIONS

SCO213

1:15 p.m. - 2:00 p.m.

ANALYSIS OF PROTEIN EXPRESSION AND CYTOTOXICITY DIFFERENCES IN MCF7 AND MDA MB 231 BREAST CANCER AND U2OS OSTEOSARCOMA CELLS DUE TO PESTICIDE EXPOSURE

Presenter:

Jessica D. Rich, Chemistry and Psychology

Project Advisor:

Dr. Jennifer Schultz-Norton

Having one of the richest soil deposits in the world, central Illinois is a target area for agricultural advancements looking to increase overall crop yield. One of the methods used to alleviate detrimental effects to this yield is the application of pesticide compounds containing chemicals such as acetochlor and chlorpyrifos. These compounds, while beneficial to the agriculture industry, are potentially harmful to humans. The EPA classifies acetochlor as highly toxic, although it is not currently confirmed as a human carcinogen. Incomplete evaluations of chlorpyrifos have found it to not be teratogenic, mutagenic, carcinogenic, or to have adverse reproductive effects. However, harmful effects to humans have been established in other studies. While beginning to clarify the detrimental effects of the chemicals, research has yet to entirely expose the carcinogenic effects of the herbicides, one of the most concerning effects for residents in areas primarily using them. The purpose of this study is to better determine the cytotoxic effects of acetochlor and chlorpyrifos, as well as elucidate effects of the chemicals on gene expression in three different human cancer cell lines.

SATURDAY PRESENTATIONS

SCO109

1:15 p.m. - 2:00 p.m.

MISSING COLORS: THE GAP BETWEEN THE MAGIC OF FAIRY TALES AND THE REALITY OF LIFE

Presenter:

Kaitlin Shewmake, Vocal Music Performance

Project Advisor:

Dr. Devon Fitzgerald

This project was designed to provide modern American children with fairy tales which apply to their society and culture. Currently existing tales present social norms that are no longer applicable. These tales result in unrealistic expectations and lead to disappointment when reality does not measure up to what children have learned. I have written tales which exclude physical appearance and villains in an effort to show that no particular “look” is necessary for happiness and to avoid “good” and “bad” labels. I have also provided balanced gender roles. These new tales continue the efforts of authors like Gail Carson Levine and Gregory Maguire to provide modern and realistic models for children to follow.

SATURDAY PRESENTATIONS

SCO208

2:15 p.m. - 3:00 p.m.

FIRST-YEAR STUDENT TRANSITIONS AND THE FIRST YEAR EXPERIENCE MENTOR HANDBOOK

Presenter:

Gina Luciano, Applied Mathematics

Project Advisor:

Dr. Paula R. Stickle

More and more colleges across the country are paying special attention to the transition issues that first year students are encountering. These colleges and universities are putting forth programs that are designed to help these students have a smooth transition into college life. Millikin University has a first year program in place to assist first-year students with the transition into a new environment. The program at Millikin includes assigning a First-Year Experience Mentor (FYEM) to a group of freshmen. The mentor's job is to engage the students and help them through any issues that the student may encounter. The purpose of this project is to create a handbook to support the FYEMs. This handbook includes information about transition issues that Millikin students have faced during their first year. Current FYEMs shared their strategies for handling a variety of expected (and unexpected) scenarios they encountered throughout their time in the position.

SATURDAY PRESENTATIONS

SCO212

2:15 p.m. - 3:00 p.m.

CONTRASTING REACTIONS TO THE DROPPING OF THE ATOMIC BOMB

Presenter:

Amy Drewel, History

Project Advisor:

Dr. Timothy Kovalcik

This project analyzes what Le Monde, the London Times, and the New York Times reported on atomic bomb in the first few days following its use. Included in this project are comparisons between the different ways in which these papers viewed the event. From the initial reports of the bomb's successful use, to the last reports before the second bomb was dropped, these papers give historical insight into how this event was first recorded in history. While attempting to fill the gap in the story of how this event was first reported in newspapers around the world, many interesting contrasts were noted leaving room for future historical study.

SATURDAY PRESENTATIONS

SCO213

2:15 p.m. - 3:00 p.m.

RT-PCR ANALYSIS OF THE 14-3-3 GENE LEONARDO AFTER OXIDATIVE STRESS IN DROSOPHILA MELANOGASTER MUTANTS

Presenter:

Jessica Lindemann

Project Advisor:

Dr. Samuel Galewsky

A number of cell signaling pathways have been implicated in the oxidative stress sensing system including the insulin growth factor receptor, the Ras/Raf and the mitogen activated protein (MAP) kinase pathways. One critical integrating component in these pathways is the 14-3-3 protein. 14-3-3 proteins are a highly conserved class of cytoplasmic signaling molecules in eukaryotes. We have examined the effects of oxidative stress, induced with the herbicide paraquat, in *Drosophila melanogaster* on leonardo and epsilon 14-3-3 genes. Through genetic manipulation of the two 14-3-3 genes we can alter the fruit flies' response to oxidative stress. Lower levels of 14-3-3 protein apparently cause an increase in oxidative stress resistance. To further our study, we have used Reverse Transcriptase-PCR to assay gene expression levels of leonardo transcript in leonardo and epsilon mutant flies exposed to 0 mM, 2.5 mM and 5 mM concentrations of paraquat.

SATURDAY PRESENTATIONS

SCO109

3:15 p.m. - 4:00 p.m.

THE DAYS ARE BEAUTIFUL, A CHORAL ELEGY

Presenter:

Katie Martinson, Vocal Music Performance

Project Advisor:

Dr. Guy Forbes

In a world of constant motion and change, how do we exist when our life seems frozen by the loss of loved ones? Grief consumes us and we must find our own path to acceptance. For many, music and poetry become lifelines that aid in this journey. The basis for this project was to look into the music and poetry that speaks of grief and the science we use to define it. Developed from research and personal experience, the end result is a choral composition of life, death, and healing.

SATURDAY PRESENTATIONS

SCO213

3:15 p.m. - 4:00 p.m.

DEVELOPMENT AND USE OF VARIOUS VOICES OF THE POST-RENAISSANCE PIPE ORGAN

Presenter:

Bradley Day, Biology

Project Advisor:

Dr. Bruce Gibbons

In this work, I am seeking to uncover any relationship between the various voices that developed (or were developed) in post-Renaissance pipe organs and the organ literature of the corresponding times and places. This includes how and where organs were used, i.e. in what circumstances and what types of pieces (musical forms). I am focusing on these interactions in western Europe primarily, and by post-Renaissance, I mean the period of time only directly after the Renaissance, or the Baroque period of classical music. However, I will not neglect to briefly consider how form and function have evolved through later segments of the classical tradition and into the twentieth century and beyond.



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