



Student Academic Conference Abstract Books

2011

Student Academic Conference 2011

Minnesota State University Moorhead

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STUDENT
ACADEMIC
CONFERENCE
2011



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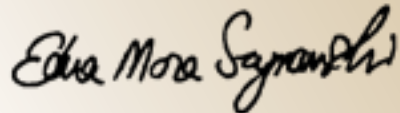
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Dear Participants:

Our annual Student Academic Conference is a Spring Semester highlight. Since 1998 it has provided an outlet for student research and creative work. Over the years thousands have shared their knowledge in an environment that encourages inquiring minds and faculty mentoring. It's an activity that underscores our Mission Statement: Minnesota State University Moorhead is a caring community promising all students the opportunity to discover their passions, the rigor to develop intellectually and the versatility to shape a changing world. The conference offers a stage for new ideas from the next generation of researchers and leaders. It advances intellectual development and challenges students to effectively communicate their knowledge. Defending research in a supportive community of student and faculty scholars is a great way to experience personal and professional growth. Congratulations to the student participants, faculty mentors, and the Student Academic Conference planners. A very good idea has become a wonderful tradition!



Edna Mora Szymanski, PhD
President



Minnesota
STATE COLLEGES
& UNIVERSITIES



Dear Minnesota State University Moorhead Students, Colleagues, and Friends:

As has been true in the past, I am pleased to join with the Minnesota state University Moorhead academic community once again to celebrate the accomplishments of all who are a part of the Annual Student Academic Conference.

This thirteenth anniversary of the conference marks yet another grand occasion for our students to be recognized. I know that this year and those to come will continue to bring the opportunity for student scholarship, creativity, and achievement to be recognized university-wide. I have been personally proud and grateful to witness the growth of the Annual Student Academic Conference. Its support from President Edna Szymanski and her predecessors must be acknowledged.

The Minnesota State University Moorhead faculty, staff, and student learners deserve congratulations on all of their work to make the conference a success. On behalf of the Minnesota State Colleges and Universities Board of Trustees and your system office colleagues, best wishes for discovery, enlightenment, and fun at the 2011 Annual Student Academic Conference.

Sincerely,

James H. McCormick,
Chancellor, Minnesota State Colleges and Universities



On behalf of the entire Student Affairs Division, welcome to this year's Student Academic Conference. The tradition of excellent opportunity for undergraduate research continues through this unique campus event. Your participation ensures that you have taken the initiative to further your undergraduate education in a way not found on most campuses. Having personally attended nearly all of the Student Academic Conference for the past decade, it has become clear to me that the depth and breadth of information and learning about unique topics has been well documented through oral and poster presentations. I look forward to again participating in this year's event and hope that your involvement becomes one of the most memorable experiences during your tenure here at MSUM.

Warren Wiese

Warren Wiese
Vice President of Student Affairs

Greetings,

The Faculty Association at MSU Moorhead is pleased to send congratulations to all of the students who are participating in this year's Student Academic Conference. We know they have learned much in their research and preparation for today. We also know that the student's achievements are a direct result of the mentoring provided by our faculty who gladly embrace this opportunity for student growth. Congratulations also to Prof. Andrew Conteh and to Prof. Richard Lahti for their leadership in making this exciting and complex day possible.

Cindy Phillips
President
MSU Moorhead Faculty Association



To the Participants and Attendees of the MSUM Student Academic Conference (SAC),

Spring at Minnesota State University Moorhead is always a special season. Long winters begin to melt away; birds return with their songs; warmth returns to our lengthening days; budding romances bloom; and yes, the Red River reminds us that, no matter how hard we try, we are still intrinsically tied to the forces of nature. Spring, to many students at MSUM, is special for another, more academic, reason: conferences. It is during the final weeks of the academic year that a year of meeting new friends and colleagues culminates with conferences where we can celebrate the bonds that tie us together in friendship and all that we have learned together. One such important fixture at MSUM is held here on campus every spring: the MSUM Student Academic Conference.

Academic Conferences are an invaluable too in the development of young academic minds. All too often the work we do as students is completed with little more intent than that of attaining a good grade; therefore, it is valuable only to ourselves and its worth is quantified by a grade. It is here that the SAC provides the students of MSUM with a priceless opportunity: to challenge ourselves to create knowledge and to present that knowledge to our peers, the public, and professors. To the young academic, the rewards of forming an original thesis, developing it, and then finally presenting one's hard-gotten work to strangers and experts is a rewarding and fulfilling experience. At MSUM, there is nowhere else that this kind of learning can be achieved as well as it is at the annual SAC.

To the participants of the SAC, I would like to thank you for presenting your work at this year's conference! I have no doubt that you will teach your fellow Dragons something this week. To the attendees of this year's SAC, thank you for attending! The most rewarding thing about presenting is receiving interesting questions and feedback from one's peers. I encourage you to attend as many presentations as you can and ask the presenters any questions you may have. To the faculty members who have taken the time to chair and review this year's presentations, thank you! Without your guidance and continued support, the SAC would not be possible. On behalf of the MSUM Student Senate, I thank you all for participating in this year's Student Academic Conference! Good luck!

Regards,

A handwritten signature in black ink, appearing to read "Allan Branstiter". The signature is written in a cursive, flowing style.

Allan Branstiter
MSUM Student Senate President

13th Annual Student Academic Conference

April 19, 2011

The 13th annual Student Academic Conference embraces MSUM's commitment to undergraduate education and engagement.

Building upon proven excellence in the arts, sciences and industry, the SAC extends the university's exceptional investment in undergraduate research, providing students with the skills, abilities and aptitudes essential to life-long learning, global citizenship and professional excellence. Incorporated into courses and projects across the curriculum, student research presented at the SAC advances the frontiers of knowledge across fields, training students in rigorous research methods, critical thinking and effective communication.

Now a highly anticipated and esteemed component of MSUM's mission and academic year, the Student Academic Conference proudly showcases student accomplishment and invites the entire community to participate in this year's exciting conference.

—Stephen Hamrick, Ph D., MSUM English professor

Conference Schedule

Tuesday, April 19th 2011 • Comstock Memorial Union

7:30 A.M. *Poster Set-Up—Registration/Information Table—CMU Main Lounge*

9:30 A.M. *Presentation Session 1 and Poster Session 1—
Various CMU Rooms and Poster Display Area*

10:50 A.M. *Break*

11:00 A.M. *Seating for the Luncheon—CMU Ballroom*

11:15 A.M. *Luncheon Starts (Welcome and Introductions)—CMU Ballroom*

12:00 P.M. *Keynote Speaker—CMU Ballroom
Dr. Wade Swenson, II
Oncologist, Lake Region Health Care*

12:25 P.M. *Student Panelists—CMU Ballroom*

1:00 P.M. *Presentation Session 2 and Poster Session 2—
Various CMU Rooms and Poster Display Area*

2:20 P.M. *Break*

2:30 P.M. *Presentation Session 3 and Poster Session 3—
Various CMU Rooms and Poster Display Area*





2011 Academic Conference Keynote Speaker

Dr. Wade Swenson

Dr Wade Swenson, a 1995 graduate of MSUM, is currently a medical oncologist and hematologist at Lake Region Healthcare in Fergus Falls, Minnesota. The experiences he obtained at MSUM were influential in shaping his career path. He participated in undergraduate research in the Chemistry Department for three years during his time at MSUM. He feels that the skills he developed during the research experience were useful in several aspects of his clinical education and career development. A familiarity with research methods and experience presenting research findings provided a skill set that paid dividends throughout the medical education process. A variety of other experiences and activities at MSUM provided a foundation for future career development.

Student Panelists

Klarissa Pudwill **Representing Arts and Humanities**

I am a sixth year student, in my third and final year at Moorhead, after transferring from Bismarck State College. I will graduate with a Bachelor of Arts in Theater Performance with an emphasis in Musical Theater. This is my first year presenting at the SAC. I am pleased to be presenting a musical that I directed, *The Musical of Musicals, The Musical!* I am a recipient of the Mark Robert Lukac Scholarship Award for this school year. I have been a part of the MSUM's Straw Hat Players for two years and have sung the National Anthems and numerous school activities. I am excited to put into practice the knowledge and experience that I have received at MSUM in my career after I graduate.



Suzanne Al-Kayli **Representing Social and Natural Sciences**

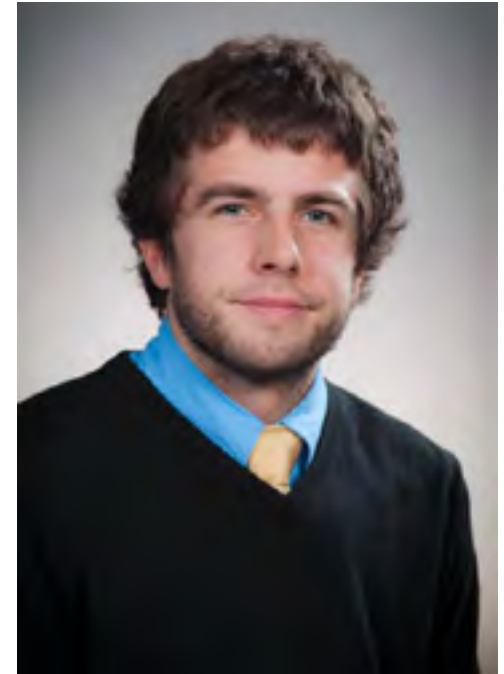
Born and raised in Fargo, ND. I am currently in my last semester at MSUM for a dual degree in Sociology and Political Science with a minor in Women's Studies. I have presented 3 different times at the SAC in the last two years, and will be doing so again this year. Sociology is my passion, I love to use theory and discuss events that are occurring in our modern society, what the implications of those actions means, and how people internalize their social selves. I hope to be going to graduate school after I take a well deserved break for one year.

Student Panelists

William Scott

Representing Education and Human Services

My name is William Scott and I am a 5th year senior in Communication Arts and Literature Teacher Education as well as Social Studies Education. I was born and raised in Fargo, graduating from Fargo North High School in 2005. My interests include staying current on teaching methods in both of my disciplines.



Kyle Blake

Representing Business and Industry

I am in my last year at MSUM finishing a degree in Business Management with an Economics minor. I am passionate about strategy, leadership, and innovation. My career goal is to leverage my strengths with like-minded individuals to create value and improve our changing world. I have represented students and advocated for their interests for more than two years as a student senator from the College of Business and Industry and through work with the Minnesota State University Student Association. I was appointed to the Dean's Student Advisory Board for the College of Business and Industry in 2009. I graduated from North Dakota State University with a degree in Food and Nutrition, Didactic Program in Dietetics, in 1989. I participated in experimental foods research while earning my first degree and will be presenting with two other students at this year's Student Academic Conference.



Living bald, beautiful, bold

Written by: Charly Haley

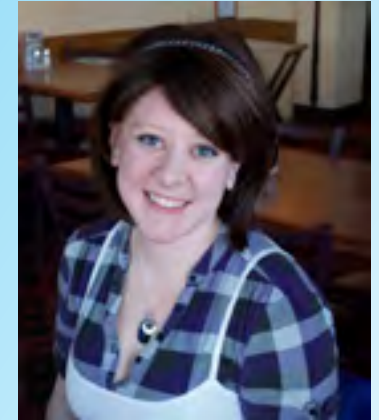
Sophomores Britt Lazur and Courtney Johnson are presenting “Beautifully Bald: Learning to Live with Alopecia through Self-Disclosure and Friendship” through the Communication Studies department, with Dean Denise Gorsline of the university college as their adviser.

The oral presentation will tell the story of Lazur’s struggle with alopecia, a skin disease that causes hair loss, and will describe how her friendship with Johnson has helped them both realize the disease isn’t necessarily negative and can be utilized as an opportunity for growth.

“Primarily through the use of personal stories, we’ll discuss how self-disclosure can strengthen interpersonal relationships and help us grow individually, socially and professionally,” Lazur said.

Johnson and Lazur didn’t know each other before they were randomly assigned to be roommates in the dorms nearly two years ago. As their friendship grew, Lazur disclosed more about herself and her emotional struggles with being bald due to alopecia to Johnson. Through this, they were able to learn.

Lazur, an English education major, will describe how living with alopecia will benefit her professionally as a teacher in the future.



Above: Britt Lazur, Photos provided by Courtney Johnson

“It really allows me some perspective,” Lazur said. “I can help my future students love themselves and be more comfortable with themselves because I’ve been through that. I have a similar experience that’s very obvious: losing your hair.”

Johnson, a photography major, will show how alopecia helped them learn about societal beauty and how it has helped her grow professionally with photography. She will be sharing photographs from a photo shoot with Lazur last semester.



Courtney Johnson

“Through the use of photography, we’ll discuss the social norms of ‘beautiful,’” Johnson said.

Understanding LSD

By: Ryan Kartes

Manasvi Kulshrestha, a bioscience major at Minnesota State University Moorhead, will be presenting her topic “Understanding the neurological basis of LSD” at the Student Academic Conference on April 19, 2011.

Kulshrestha says that she chose to do research on the effects of LSD because she was interested in how it interacted with the human brain, as well as the fact that there is little, if any, research available in scientific journals concerning its use.

“We know that something is happening in the brain when a person takes LSD,” says Kulshrestha, “We just don’t know exactly what.” Kulshrestha said that LSD works by interfering with neurotransmitters, which are like the brain’s messengers, and desensitizing them. Most often it is the serotonin receptors. “LSD is known to affect people’s mood, attention spans and memory,” Kulshrestha says, “but it can also be used to treat schizophrenia. It creates a condition similar to schizophrenia in the user, so if we can understand how a schizophrenic feels, we can provide better treatment for them.”

Kulshrestha said that the reason LSD isn’t being used as a treatment, or even considered as a viable option worthy of study, is that it’s



illegal. “I have not seen any convincing reason for it to be illegal,” she said, “Yes, it was being abused, but it’s highly misunderstood. People are so ignorant; it may have bad qualities to it, but that doesn’t mean it doesn’t have any good ones as well.”

Kulshrestha said that preparing for the conference has been a very rewarding experience, and she hopes that her presentation is very informative. Her goal is to clear up some of the ignorance about LSD, as well as the stigma against it. “I can apply my research and thoughts to my project as a learner, but at the end of the day, it is how I feel about my topic that is presented,” Kulshrestha said.

Art student sheds light on pharaohs of Egypt

Written by: David Ferrari

In a time before Leonardo's "Mona Lisa," and Michelangelo's "Sistine Chapel," Ancient Egypt stood with its iconic pharaoh. The portrayal of the pharaoh and his long conical beard has been a staple throughout art history. However some like Catherine Wack, better known as Cat, question the significance of the beard.

"In ancient Egyptian art you'll have depictions such as sculptures and paintings of the same pharaoh and in one



Cat Wack

piece you'll have the really long conical beard but in another piece there will be the same pharaoh, and he doesn't," says Cat. During Minnesota State University of Moorhead's Student Academic Conference, Cat will demonstrate her thesis for the reason Ancient Egyptian pharaoh's beards mysteriously disappear and reappear, "I will be discussing and proving my view and my point of what conical false beards meant to the ancient Egyptian audience and what their part was in iconography."

Cat is going for a double emphasis of a drawing and art history major, "I've always been interested in art and it's pretty much what I focused on in high school. I did not have anything that I was remarkably good at other than that, so going into college it was pretty much the one thing I had going for me." Cat's study on ancient Egyptian art began a few semesters ago in a class studying Egyptian art history. She was unable to achieve a grade due to health issues and therefore she is taking part of the annual academic conference to make up for it. She will be using visuals and discussing her thesis throughout the power point.

Volunteer: All Paws Down

Presented by: Catherine Cork

Written by: Dane Kipp

Black and white photos of animals and the sad songs of Sarah McLachlan may make eyes water and get people thinking about their local animal shelter, but not many people actually do something to help.

Kathrine Cork, an MSUM student from Craig, Colo., is an exception. She's part of a group giving a presentation called "Volunteer: All Paws Down" and it's about the importance of humane societies, and how people can help out their local shelter. Cork joined the group after its initial formation but that doesn't mean she isn't passionate about the subject.

"I did some volunteering back at the shelter in my hometown all through middle school and part of high school," Cork says. "It's definitely something I care about." She encourages others to volunteer at their local shelter, though she warns "not all jobs are as fun as playing with cute dogs and cats."

Volunteer work involves caring for the animals: Grooming, cage cleaning, water refreshing and exercising them. Volunteers are also



expected to help potential adopters view the animals and make a decision on whether they'd like to take an animal home.

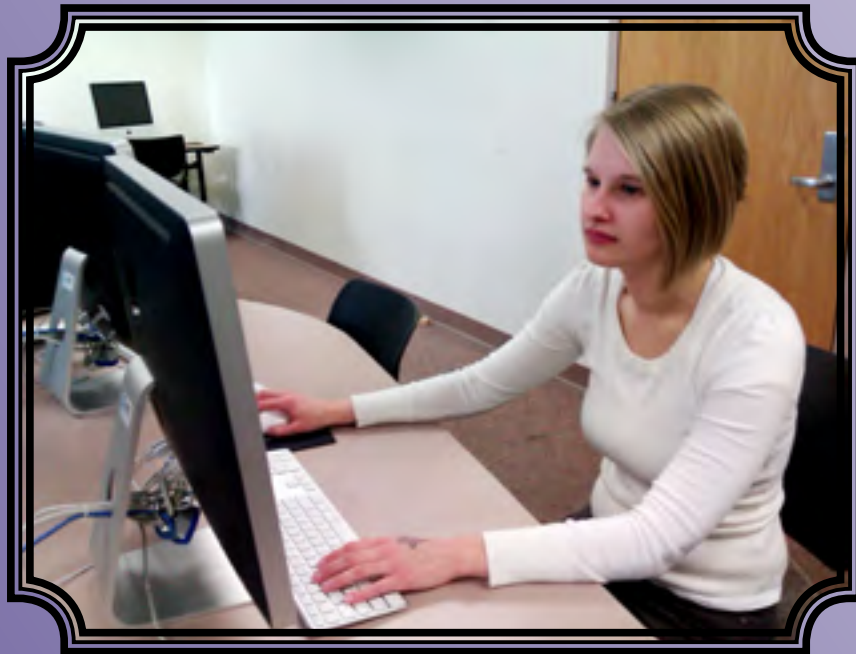
For those curious about adoption, Cork explains "you can actually do a foster home for a pet if you're not sure you're ready." Fostering an animal gives it a good home until someone decides to adopt it. The Humane Society tries to provide a high level of care, but individual care at a foster home generally provides more attention and care for the animal. If the foster care person decides to keep the animal, he or she is able to officially adopt it; otherwise he or she can care for it until a permanent owner is found. Volunteering or foster care is a large time commitment. Those who would like to help but don't have the time can donate money to the shelter, Cork says. Donations are used to help provide food, kitty litter and other items the shelter needs to care for animals. Those interested in learning more should watch Cork's presentation during the Student Academic Conference.

It's Your Turn To Take Care Of Them

By: Ryan Ellingson

The first thing you notice when you meet Kaley Fisk is her smile. From the moment she walked into the interview to the moment she left, her passion for nursing was apparent in her smile.

Fisk grew up in Langdon, North Dakota, with her parents and brother. After graduation, she decided to attend Minnesota State University Moorhead to follow in her grandmother's footsteps and become a



nurse. MSUM has an excellent accelerated nursing program, which suited her well.

Fisk, a senior graduating this spring, is a presenter at this year's Student Academic Conference.

Her poster on "How to care for the Elderly in a Rural Community" fills a requirement for graduating. Fisk's work at Bethany Homes gave her inspiration to choose this topic. When asked about the intent of her project Fisk said, "I am just trying to educate people about all of the problems that elderly people go through."

Think Different. Eat Different. Buy Different.

By Grant Nelson

Two Minnesota State University of Moorhead students will be spending their spring break studying farmers markets in Costa Rica.

Sophomore Heather North and junior Phillip Schotte will be presenting, “Farmers market vs. large American supermarkets” at this spring’s student academic conference.

Schotte and North will be in Costa Rica for 10 days studying the countries small farmers markets.

Schotte, a marine biologist major from Rochester Minn., said that in Costa Rica, the food markets are very different compared to the Wal-Mart’s of America.

“There is a big difference in the culture of buying food in Costa Rica than how we buy in America,” said Schotte.

North, a Grand Forks, N.D. majoring in biology, explained that the markets in Costa Rica are run on a much smaller scale.

“In a lot of other countries, the producer of food also sells the food, unlike in America.”

North and Schotte will share their experiences at MSUM’s student academic conference in April. The two students hope to teach how the American way of buying food is not exactly the world’s way.





Filming to Help Local Community

By Matthew Liedke

This year's Student Academic Conference will involve many students from the film department sharing their knowledge of the art. One such student is Joshua Resch from Champlin, MN.

As a junior majoring in film with an emphasis in video production, Resch will be presenting a film he produced himself. The film is for the Recovery Worship, a church that helps people recover from various addictions. Resch says he will be screening the film and will follow with a presentation of how he and his group went about filming it, what it was like talking to the clients, and what the documentary is about.

This is Resch's second time appearing in the conference. During last year's SAC he said it was "a really fun experience." Since last year, Resch became fully involved in the school's film department helping others with film shoots, producing films, making his own films, and also being on the chief executive board of the Cinethusiast Club. When

his advanced video production professor asked if anyone wanted to be a part of the conference this year Resch went for the opportunity, "I thought that I would participate this year so people could see my work."

Resch hopes the film will give others "a look into the Fargo-Moorhead community and at the work that we as film students here at MSUM are producing for our very own community."



Oh Behave.

Written by: Rachel Zoerner

Romantic relations affect all college students, but understanding the behaviors we exhibit due to them is hard to explain. Positive

illusions, jealousy and commitment are three powerful predictors in the length of a relationship and little research has been done on these areas together.

Lisa Dowers, a senior psychology major, began questioning females' inconsistent behaviors towards threats in relationships. "Human behavior is one of the facets which I find myself aiming to know more about," Dower says.

Dowers is preparing to present her findings at the MSUM Student Academic Conference. Her project is looking at females in relationships and how positive illusions affect jealousy and commitment in both positive and negative ways. "Contrasting to the positive views that are

associated with high commitment I believe I will find less commitment in those with positive illusions," Dowers explained.

She is currently conducting an experiment to determine how females react in threatening situations versus non-threatening situations.

The results will impact knowledge we have on how relationships are maintained, which will direct further research. Dowers stated, "My hypothesis for this research is something that the average individual can relate to and it can be easily applied to everyday behavior."

After attending the Student Academic Conference last year, Dowers immediately knew she wanted to be a presenter. She feels that it is not only a great learning experience, but also an opportunity to get her research out into the eyes of the public.



Moorhead gangs: 'A very sensitive subject'

By: Matthew Beckman

All those times parents told their kids to stop flashing gang signs in their Facebook pictures actually count for something, as even a town like Moorhead has its own gang population.

Crystal Smith, a junior in the criminal justice program, will be presenting "Moorhead Gangs."

"I've always been interested in crime shows and mysteries and stuff," Smith said.

Smith chose to focus her presentation on gangs in Moorhead because she was curious herself.

"It's going to be hard to present it in a way that won't sensationalize it," Smith said. "It's a very sensitive subject ... I feel like it will be hard to do it ethically."

Smith has made herself familiar to Moorhead police by taking part in Police Explorers, a classroom and exercise based program to teach people aged 15 to 21 years old how to think and react like an actual officer. She has also participated in ride-alongs, sitting in the passenger seat of a patrol officer's squad car during a shift to shadow their typical activities.

Chris Martin, the detective in charge of gang and narcotics investigations, has been a major source of information for Smith. She's also spoken to MSUM psychology professor Nick Leonard, who has done psychology work in downtown Chicago with gang families.

"Moorhead gangs are more focused in drug trafficking than gang violence," Smith said. She added gangs in Moorhead are often part of larger national gangs, but lack in-depth relations. Most members are older and aren't as involved as gang branches that are based in major cities.



Crystal Smith

Poet teaches others to enjoy his art

Written by: Tyler Anderson

In an age of MP3 players and digital distractions, poetry can seem a thing of the past. Logan Herold, an MSUM senior majoring in English, sees it differently.

A poet himself, Herold practices one of the world's oldest art forms. But despite thousands of years in popularity, a passion for lines and verses is not always easy to find. In his studies, Herold often wonders why poetry fell out of favor with a younger generation. The answer, he believes, is in the way we learn it.

"We teach people to analyze poetry on such a literal level," Herold said. "I want people to respond to how they see the image, how they feel about it, how it makes them react. That's the way people generally respond to music."



Logan Herold

According to Herold, the emotional appeal and engaging rhythm of a good song can also be found in many poems. He wishes more people made the comparison, explaining that poets like Allen Ginsberg can conjure the same haunting energy as Billie Holiday, Flogging Molly and other musical legends.

Borrowing a term from the Spanish poet Federico Garcia Lorca, Herold calls

that energy "duende," or the power to evoke physical sensations in the listener. Lorca explained the concept as a kind of inner struggle, unconscious in nature, through which art can be experienced at an instinctive level. This effect, Herold contends, is what makes us remember our favorite music and poetry best.

"You hear it and you can't get it out of your head," Herold said. "If you don't have that feeling, that sense of 'duende,' you just have a bunch of pretty words written."

Using this idea, Herold wants to remind students that poetry isn't just for literary buffs and that it requires no special study to enjoy. He knows his approach may draw disapproval from die-hard poetry enthusiasts, but he's more interested in spreading the word than arguing with any critics.

"If it gets people talking about it, I'm happy," Herold said. Herold's own poetry has been published in MSUM's annual literary magazine "Red Weather" and he will be reading his work at the 2011 Sigma Tau Delta International Convention in Pittsburgh this coming March.



Fashion in Focus

Story and Photos By Natalie Lindberg

Many people love all the elements of fashion from the unique clothes that are worn, the detailed makeup, to the offbeat designers, celebrities, and models.

Lets face it, one of the most cutthroat, competitive, and thrilling industries is the fashion Industry. But the models and designers aren't the only ones on the forefront of fashion.

Megan Mack and Traci Burke are both studying art and photography at MSUM. Mack and Burke are doing a powerpoint presentation on how the fashion industry has evolved with the art of photography for the 2011 spring student academic conference.

Fashion is a way of expressing my ideas and I feel like I have more of a connection with the camera, says Mack.

Fashion and photography have lots of things in common with how commercial photography and fashion are both about staying on top of trends and experimenting.

I believe that fashion photography has changed through the years by becoming more conceptual with how they «sell» the clothing and products; in earlier years fashion photography was very

commercial in the way that products were displayed and how things were much more catalog than high fashion, says Burke.

With advanced editing programs and digital photography getting the perfect image has been made easier and more accessible.

“Fashion photography, fashion advertisement, and even how the media portrays the designers clothing has changed,” says Mack.

Mack and Burke are hoping to open the eyes of people at the student academic conference and demonstrate of how the camera lens can capture the true essence and beauty of fashion.



Traci Burke



Megan Mack

Protecting your children on the Internet playground

By: Dylan Jacobson

The next time you log onto Facebook or meet someone new in a chat room, Taunia Tigs urges you to stop and think. By allowing a stranger on your computer screen, you are allowing a stranger into your living room. Tigus wants you to keep in mind how close your Facebook friends really are.

What started as an oral presentation for her media ethics class has become her presentation for the Student Academic Conference: “The Internet and Pedophiles, Are Your Children at Risk?” Along with being a student, Tigs is a mother of three young girls and her presentation topic is close to her heart. “As parents, it is very important that we take time, be aware and be diligent of protecting our kids; you can’t just expect that somebody else is going to,” Tigs says. Autonomy is what makes the Internet an ideal hangout for predators. It is a crime that is almost impossible to persecute. “All they need is a different computer or a different username,” said Tigs.

While the Internet can be dangerous, Tigs stresses knowledge is power against pedophiles, and gives these tips for safer Internet surfing:



Taunia Tigs

- Educate kids to let them know what they might encounter online and to respond.
- Use passwords and Internet safety options.
- Keep the computer in an open room and always be around when kids are online.

Tigs did admit she is a bit nervous for the conference. She said: “I wasn’t sure at first that my paper would be worthy.” However, her excitement outweighs anything else. “Not every university offers an opportunity for its students like this. I think this is a great opportunity and if I didn’t take advantage of it, id probably regret it later.”

Students join cancer research on campus

By Kristin Kirtz

NHE1 is a sodium hydrogen exchanger. No one knows what that means, right? Wrong. MSUM junior Rubi Gutierrez does.

Along with six other students, Gutierrez is involved with cancer research on campus, working side-by-side with Dr. Mark Wallert and Dr. Joseph Provost. Although Gutierrez was new to this study last semester, this research has been going on for a few years.

“I went to research night and heard about Dr. Wallert and Dr. Provost’s research and I thought it sounded like a good experience, so I applied,” Gutierrez said.

When Gutierrez found out she got the job, she went hard to work in the lab. Each individual person has their own specific experiment to perform.

“My job is to take three different kinds of cell lines and stimulate them with stress fiber formations, which are thought to be responsible for cancer cells moving, and I am hoping to prove that NHE1 is responsible for stress cell formation,” said Gutierrez.

If that didn’t make any sense to you, don’t worry. In plain English, Gutierrez is trying to prove that a certain protein is to blame for cancer cells moving.

“So far I’ve gotten really good results and we are making really good progress,” Gutierrez said.

At the end of all of this, the ultimate goal is to publish a medical paper about their discovery.



Rubi Gutierrez studying cells in the lab.

Theatre Arts Expo

9:30 A.M.

Stop Kiss

Produced by THTR 490 Practical Studio

“A poignant and funny play about the ways, both sudden and slow, that lives can change irrevocably,” says Variety. After Callie meets Sara, the two unexpectedly fall in love. Their first kiss provokes a violent attack that transforms their lives in a way they could never anticipate.

An entirely student produced play from directors and actors, to stage management and design. See MSU Moorhead students put theory into practice in this contemporary play performance.

*90-minute presentation
in Glasrud Auditorium, Weld Hall*

1:00 P.M.

If You Give A Mouse A Cookie

Produced by THTR 469 Theatre Internship

Let's say you're standing around the kitchen, minding your own business, when a mouse in coveralls wearing a backpack shows up. What would you do? See how a curious kid finds himself figure skating on scrub brushes, wrestling boa constrictors and climbing mountains when an innocent milk-and-cookie snack time goes from mishap to calamity to catastrophe faster than the twitch of a whisker!

Based on the popular children's book of the same title, this professional internship allows MSU Moorhead theatre arts students a unique touring experience. This group of actors performs February through April to groups across Minnesota and North Dakota. Reconnect with your childhood in this truly charming theatrical endeavor.

*45-minute presentation
in Glasrud Auditorium, Weld Hall*

2:30 P.M.

The Musical of Musicals

Produced by THTR 490 Practical Studio

The Musical of Musicals (The Musical!) is a musical about musicals! In this hilarious satire of musical theatre, one story becomes five delightful musicals, each written in the distinctive style of a different master of the form, from Rodgers and Hammerstein to Stephen Sondheim. This comic valentine to musical theatre was the longest running show in the York Theatre Company's 35-year history before moving to Off-Broadway. “Witty! Refreshing! Juicily! Merciless!”—Village Voice.

An entirely student produced play from directors and actors, to stage management and design. See MSU Moorhead students put theory into practice in this unique musical theatre performance.

*2-hour presentation at
Gaede Stage, Dille Center for the Arts*

Accounting

Forensic Accounting: A Research Study

Sujata Sherchan, Aisha Mohamed, Mallika Koirala

Oral Presentation

3:20 – 3:40 • LO 0108

Cybercrime on Campus

Tharaka Muthukumarana, Nasheeba Shrestha

Poster/Display #2

10:10AM – 10:50AM • CMU Basement Hallway

How to Prevent Internal Fraud

Thomas George, Alexander Hajicek

Poster/Display #3

1:00PM – 1:40PM • CMU Basement Hallway

Anthropology

EM Survey at Historic Moorhead Site

Ashleigh Day

Poster/Display #6

10:10AM – 10:50AM • CMU Basement Hallway

Fort “Desolation” ND: Mortuary Analysis and Culture

Larissa Harris, Jenna Clawson

Poster/Display #5

10:10AM – 10:50AM • CMU Main Lounge

Gender Among The Lakota

Robert Jacobson

Poster/Display #9

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Hands-on cultural learning; the story of a birch bark lodge

Athena Aitken

Poster/Display #8

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Neologisms: the death of English and birth of new American

Eric Olson

Poster/Display 10

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Prehistoric Settlement in Swift County, Minnesota

Katie Jacobson

Poster/Display 11

1:40PM – 2:20PM • CMU Basement Hallway

Anthropology

Preserving the Past for the Future: Curation in Archaeological Practice

Brett Tanselle, Danielle Truitt

Poster/Display #4

1:40PM – 2:20PM • CMU Basement Hallway

Wet Site Archaeology: An Overview

Sara Kram

Poster/Display #7

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Art and Design

“Malleable” : A Presentation of Sarah Poepping’s Photographic Series

Sarah Poepping

Oral Presentation

10:10 – 10:30 • CMU 203

A Disappearing and Reappearing Act: The Iconic Beard of Ancient Egyptian Pharaohs

Catherine Wack

Oral Presentation

10:30 – 10:50 • CMU 203

Conference Participants Listed by Department

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Earth Art of the 1960s and 70s

Lewis Burris

Oral Presentation

1:00 – 2:20 • CMU 203

Fashion Through The Lens

Traci Burke, Megan Mack

Oral Presentation

9:50 – 10:10 • CMU 203

Just Do It: Nike's Takeover of Sports Design and Marketing

Addie Borgh

Oral Presentation

1:00 – 2:20 • CMU 203

Lasting Projects of the New Deal in Fargo/Moorhead

Jessica Lambertz

Oral Presentation

9:30 – 9:50 • CMU 203

The Cultural Relevance of Comics

Rebekah Wicklund

Oral Presentation

1:00 – 2:20 • CMU 203

The Direction of Interactive Design

Jacob Christenson

Oral Presentation

1:00 – 2:20 • CMU 203

The Power Of Questions: Divergent Thought in the 21st Century

Moriah Thielges

Oral Presentation

2:30 – 2:50 • CMU 203

Early Photographic Process: Van Dyke Brown.

Kelsey Cain, Madalyn Mickelberg

Poster/Display #15

10:10AM – 10:50AM • CMU Basement Hallway

Graphic Design and the proper way to layout a poster

Katie Hamness, Kaity O'Malley, Amber Nelson, Jacob Christenson, Whitney Lunn

Poster/Display #13

10:10AM – 10:50AM • CMU 2nd Floor Hallway

How to Make and Use a Pin Hole Camera

Tiffany Boecker, Kayla Lagred, Dan Marsh

Table Display #12

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Petrichor Images: Vanessa Gamelin Photography

Vanessa Gamelin

Poster/Display #17

1:40PM – 2:20PM • CMU Basement Hallway

The Unknown Work of Vivian Maier

Julian Dahlquist

Poster/Display #16

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Wedding Photography by MwPhotography

Melissa Wentworth

Table Display

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Athletic Training

Acupuncture in our lives

Yusuke Nejo

Poster/Display 25

9:30:00 AM – 10:10:00AM • CMU Basement Hallway

Concussions: Can the effects linger for decades?

Gregory Martodam

Poster/Display 24

9:30:00 AM – 10:10:00AM • CMU 2nd Floor Hallway

Conference Participants Listed by Department

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Cystic Fibrosis

Rachael Ochs
Poster/Display 22

10:10AM – 10:50AM • CMU Basement Hallway

Dazed and Confused

Alexandra Mahmood
Poster/Display 19

10:10AM – 10:50AM • CMU Basement Hallway

KAATSU Training

Takuto Kondo
Poster/Display 21

1:00PM – 1:40PM • CMU Basement Hallway

Migraines

Mark McIntire
Poster/Display 23

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Vocal Cord Disorder: The Mistaken Wheeze

Amber Brandenburger
Poster/Display 20

3:30PM – 4:10PM • CMU Main Lounge

Whats So Fishy About Fish Oils

Joshua Werk
Poster/Display 18

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Biology

A test of a method for mass – training fish for applications in aquaculture.

Justin Olson
Oral Presentation

9:50 – 10:10 • CMU 205

Do trematode cercariae, Ornithodiplostomum ptychocheilus, employ inclusive fitness by acting as a food source for their intermediate host fathead minnow, Pimephales promelas?

Tara Eichhorn
Oral Presentation

10:10 – 10:30 • CMU 205

Effect of order of stimulus presentation on releaser – induced recognition learning

Tara Eichhorn, Jessica A Michelson, Justin A Olson,
Michelle M Toren, Kiaja R Undersander
Oral Presentation

10:30 – 10:50 • CMU 205

Emergence of Antiviral Drug Resistance in Herpesviruses

Jasen Walker
Oral Presentation

1:20 – 1:40 • CMU 205

Farming Techniques in Costa Rica vs. United States

Jacinta David, Joanna Lock, Jase Beck
Oral Presentation

2:30 – 2:50 • CMU 205

Money Doesn't Grow on Trees: The environmental, economic, and global costs of deforestation in Costa Rica.

Danielle Kuperus, Nancy Stenger
Oral Presentation

2:00 – 2:20 • CMU 205

Organics and Inorganics of America and Costa Rica

Lindsay Mitlyng, Jennifer Kelley
Oral Presentation

1:00 – 1:20 • CMU 205

Conference Participants Listed by Department

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Shopping at Farmers Markets vs. Large Supermarkets

Phillip Schotte, Heather North

Oral Presentation

1:40 – 2:00 • CMU 205

The effect of multiple infections of a brain – encysting trematode on the optomotor response of fathead minnows.

Jessica Michelson

Oral Presentation

9:30 – 9:50 • CMU 205

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

DeAnna Rastedt, Ashley D. Remmick, Nicole D. Brokmeier, Justin A. Olson, Jason L. Walker, Jennifer D. Ringgold, Sarah E. Martinson

Poster/Display 35

9:30 – 10:10 • CMU Basement Hallway

A Test For Phenotypic Plasticity In The Ontogeny of Skeletal Ossification in Larvae of Two Species of Cichlids

Feba Hauer, Kevin Kinter, Alane Sauer, Jessica Nymark, Kevin Kinter

Poster/Display 40

9:30 – 10:10 • CMU Basement Hallway

Bacillus

Dana Dugger

Poster/Display 47

9:30 – 10:10 • CMU Basement Hallway

Behavioral modifications of Pimephales promelas infected with the brain parasite Ornithodiplostomum ptychocheilus in response to light cues.

Michelle Toren

Poster/Display 50

9:30 – 10:10 • CMU Main Lounge

Bi – Parental Teaching by Fish

Nicole Savageau, Kim Fritel

Poster/Display 41

9:30 – 10:10 • CMU Main Lounge

Common Garden Experiment in Convict Cichlid

Randy Sutrisno, Phillip Schotte

Poster/Display 38

9:30 – 10:10 • CMU 2nd Floor Hallway

Does population carrying capacity in protists scale exponentially with temperature?

Ariel Gray, Ashlyn Kuklock, Jaclynn Kuklock

Poster/Display 31

10:10AM – 10:50AM • CMU Basement Hallway

Drifts and Shifts of Influenza Virus and Immune Response

Finlay Marube

Poster/Display 46

10:10AM – 10:50AM • CMU Basement Hallway

Experimental infection of fat head minnows, Pimphelas promelas, with the brain worm Ornithodiplostomum ptychocheilus, and testing if the infection leads to chemical signals being released from the infected fish

Kiaja Undersander

Poster/Display 51

10:10AM – 10:50AM • CMU Main Lounge

Exploration of the relationship between the Cassava plant to the Taino people of the Greater Antilles.

Kimberly Iwen, Nathaniel Jacob Arneson

Poster/Display 27

10:10AM – 10:50AM • CMU Main Lounge

Conference Participants Listed by Department

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Feeding level and size – pairing impacts on intraspecific competition between fathead minnows

Harrison Pantera, Brent Vandal

Poster/Display 32

10:10AM – 10:50AM • CMU Main Lounge

In Silico Analysis and Molecular Dissection of the PPKK:PDRP Interaction

Mitchell Lakner, Sara Aleem, Nivedha Manohar

Poster/Display 28

1:00PM – 1:40PM • CMU Basement Hallway

Investigations of biochemical and molecular mechanisms of systemic acquired resistance in *Cucumis sativus*

Natalia Belavina

Poster/Display 30

1:00PM – 1:40PM • CMU Basement Hallway

Lyme Disease Prevalence in Southeastern North Dakota

Daisy Boatey

Poster/Display 43

1:00PM – 1:40PM • CMU Basement Hallway

Match.com – What's your blood group?

Heather Sorenson

Poster/Display 48

1:00PM – 1:40PM • CMU Main Lounge

Parental teaching by fish biparental

Kim Fritel, Nicole Savageau

Poster/Display 39

1:40PM – 2:20PM • CMU Basement Hallway

Preliminary genetic analysis of *Lasioglossum (Dialictus) spp.* (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.

Nancy Stenger, Karsten Nash, Rachel Walsh,

Emmanuel Fohle, Angela Mccollam

Poster/Display 26

1:40PM – 2:20PM • CMU Basement Hallway

Science Discovery Camp for Middle School Students

Mitchell Lakner, Renek Jorgenson

Poster/Display 29

1:40PM – 2:20PM • CMU Main Lounge

Shining a Light on Acne

Sabrina Sam

Poster/Display 49

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Testing Inheritability of Shy/Bold Personality Traits in Zebrafish Offspring

Cory Sailer, Sonny Radenic, Randy Sutrisno

Poster/Display 37

2:30PM – 3:10PM • CMU Main Lounge

The affects of exotic earthworms on Big Bluestem, *Andropogon gerardii*, prairie plants

Amy Moorhouse, Brittany Beers

Poster/Display 36

2:30PM – 3:10PM • CMU Main Lounge

The Role of NHE in Directional Cellular Migration

Abbey Walski

Poster/Display 44

2:30PM – 3:10PM • CMU 2nd Floor Hallway

The significance of the RSK and ROCK phosphorylation sites of NHE1 and their role in the regulation of cellular migration

Andrew Dornbusch

Poster/Display 45

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Understanding the neurological basis of LSD

Manasvi Kulshrestha

Poster/Display 42

3:30PM – 4:10PM • CMU Main Lounge

Conference Participants Listed by Department

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Urban Canada Geese in Moorhead, Minnesota: How Many are Too Many?

DeAnna Rastedt, Kyle Kosak, Christina Sadowski

Poster/Display 33

3:30PM – 4:10PM • CMU Main Lounge

Urban Turkeys: Survey of Wild Turkey Distribution and Numbers, Human – Turkey Interactions, and Public Opinion in the Red River Valley in Cass (North Dakota) and Clay (Minnesota) Counties (2003 – 2010)

DeAnna Rastedt, Ashley D. Remmick, Jasen L. Walker

Poster/Display 34

3:30PM – 4:10PM • CMU Main Lounge

Corrick Center for General Education

Designer Babies

Alyssa Olson, Shana Heuer, Caitlyn Holowell, Ivy Schueller, Yalonda Nelson

Debate

2:50 – 3:20 • CMU 205

Chemistry

Does Piagetian Cognitive Ability Level Affect Student Ability To Accurately Perceive And Interpret Environmental Threats?

Amanda Fay, Abbi Wittner, David Bye

Oral Presentation

9:30 – 9:50 • CMU 207

Impact of NHE1 Phosphorylation by Ribosomal S – 6 kinase and RhoA kinase on ERM binding and cell motility

Tony Nguyen

Poster/Display 23

1:00–1:40 • CMU 2nd Floor Hallway

Investigation of calcineurin B homologous protein isoform 2 regulation of Na⁺/H⁺ exchanger. A potential novel therapeutic target to treat non – small cell lung cancer.

Kristina Anderson

Oral Presentation

1:20–1:40 • Ballroom D

Investigation of calcineurin B homologous protein isoform 2 regulation of Na⁺/H⁺ exchanger. A potential novel therapeutic target to treat non – small cell lung cancer.

Kristina Anderson

Poster/Display 161

9:30AM – 10:10 AM • CMU Basement Hallway

A New Procedure for the Acylation of Pyrazolidinone Rings Using Mukayamas Reagent

Amie Nowacki

Poster/Display 63

9:30 – 10:10 • CMU Basement Hallway

A New Procedure for the Acylation of Pyrazolidinone Rings Using Mukayamas Reagent

Amie Nowacki

Poster/Display 62

9:30 – 10:10 • CMU Basement Hallway

A Novel Method to Generate IR Spectra of Solutes in Solution State

Etsehiwot Gebreselassie, Ruvimbo Chitemere

Poster/Display 53

9:30 – 10:10 • CMU Basement Hallway

Conference Participants Listed by Department

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Assessment of Rsk and Rock Phosphorylation of NHE1 on Cell Proliferation and Migration.

Cory Weidman

Poster/Display 65

9:30 – 10:10 • CMU Basement Hallway

Conjugate Addition of Malononitrile to Unsaturated Carbonyls

Kiesha Bullock

Poster/Display 59

9:30 – 10:10 • CMU 2nd Floor Hallway

Conjugate Additions to Unsaturated Carbonyls

Pedro Flores Gallardo

Poster/Display 61

10:10AM – 10:50AM • CMU Basement Hallway

Copper(II) Complexes of Pyridine – 2, 6 – bisamide Ligands

Kaitlyn Funk, Michelle Branch

Poster/Display 54

10:10AM – 10:50AM • CMU Basement Hallway

High – yield synthesis of the semicarbazide adduct of cyanoborane

Ismael Banla, Taehyun Kim

Poster/Display 55

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Improved Procedures for the N – Alkylation of Pyrazolidinone Rings Using Aldehydes and Sodium Borohydride

Jasen Walker

Poster/Display 58

2:00–2:40 • CMU Basement Hallway

In vivo EPR signal reduction of spin – labeled free radicals in living mice

Victoria Honetschlager

Poster/Display 64

1:00PM – 1:40PM • CMU Basement Hallway

Measuring NHE activity with fluorescence microscopy.

Nicholas Berthelsen

Poster/Display 67

1:00PM – 1:40PM • CMU Main Lounge

Preparation of Imino Esters and Investigation of their Conjugate Additions to Unsaturated Carbonyls

Arjun Kafle

Poster/Display 60

1:40PM – 2:20PM • CMU Basement Hallway

Preparation of Tetrahydroisoquinoline – Derived Azomethine Ylide Dipoles and Investigation of their Cycloaddition to Unsaturated Acyl Pyrazolidinones

Zachary Morseth

Poster/Display 57

1:40PM – 2:20PM • CMU Basement Hallway

Synthesis and Characterization of a Dye – Sensitizer

Samantha Stewart – James, Gifty Fokuo

Poster/Display 52

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Synthesis of a new Cyanoborane polymer with a trigonal planar boron.

Taehyun Kim , Ismael Banla

Poster/Display 56

1:40PM – 2:20PM • CMU 2nd Floor Hallway

The Role of NHE1 Transmembrane Protein in Stress Fiber Formation

Rubi Gutierrez

Poster/Display 66

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Conference Participants Listed by Department

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Student Academic Conference

13th Annual

Meet us at Minnesota State University Moorhead in the CMU
April 19th 2011



Criminal Justice

Moorhead Gangs

Crystal Smith

Oral Presentation

3:20 – 3:40 • CMU 203

Construction Management

Construction Management Capstone Experience – Multi – unit housing development

Corey Bronczyk, Joshua Ridler, Lucas Menton

Oral Presentation

3:30 – 3:50 • CMU 207

Capstone Experience – BDM Constructors

Bryan Franklin, Michael Kirby, Derek Bomstad

Poster/Display 70

9:30 – 10:10 • CMU Main Lounge

CM496 Downtown Moorhead Project

Anthony Erickson, Adam Brammer

Poster/Display 68

9:30 – 10:10 • CMU 2nd Floor Hallway

Noodles And Company

Phillip Eslinger, John Bell, John Bellon

Poster/Display 72

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Sub – Zero Contractor's Recreational Renovation

Jordan Korczak, Kelly Ham, Justin Filas

Poster/Display 69

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Supercross Track

Christopher Roach, Zachary Hill, Anup Adhikari, Ryan Seidel

Poster/Display 71

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Communication Studies

A Postmodern Pyramid: The Rhetoric in Radiohead's Pyramid Song

Grant Ertl

Oral Presentation

9:50 – 10:10 • CMU 227

An Assessment on the Republican Candidates for the 2012 Election.

Danielle Saul

Oral Presentation

1:20 – 1:40 • CMU 227

Beautifully Bald: Learning to Live with Alopecia through Self – Disclosure and Friendship

Brittany Lazur, Courtney Johnson

Oral Presentation

10:30 – 10:50 • CMU 227

Discovering Bangladesh: Halfway Around The World

Tony Dahlen

Oral Presentation

9:30 – 9:50 • CMU 227

Hunger – Something to Grumble About

Rebecca Spanier, Karly Mackedanz

Oral Presentation

1:40 – 2:00 • CMU 227

Conference Participants Listed by Department

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Identifying characteristics of conspiracy rhetoric in David Ray Griffin's *The Mysterious Collapse of World Trade Center 7*.

Matthew Lech

Oral Presentation

10:10 – 10:30 • CMU 227

Living Learning Communities and retention rate.

Allison Berger, Jeanne Hettich, James Borgen

Oral Presentation

2:00 – 2:20 • CMU 227

Volunteering: All Paws Down

Katelin Hansen, Kathrine Cork, Keely Huso

Oral Presentation

1:00 – 1:20 • CMU 227

Computer Science and Information Systems

Make the next facebook: Developing a webapp on Google App Engine

Sri Krishna Kadimisetty

Workshop

1:40PM – 2:10PM • Ballroom D

Economics

Bumper Expectations: The Effect of Revenue Insurance on Yield Volatility

Nicholas Pates

Oral Presentation

10:10 – 10:30 • Ballrom A

Determinants of the Price of Smartphones

Robert Eden

Oral Presentation

10:30 – 10:50 • Ballrom A

Does the National Basketball Association's Soft Salary Cap Increase Competitive Parity?

Kegan Reiswig

Oral Presentation

2:00 – 2:20 • Ballrom A

Economic Development in Indian Country: Best Practices and Possibilities

Glen Marshall

Oral Presentation

9:30 – 9:50 • Ballrom B

Effects of Employment on Minnesota State University Moorhead Students' Grades

Rachel Metzger

Oral Presentation

1:00 – 1:20 • Ballrom B

Every Drop Counts: An Analysis of International Water Markets and Pricing Policies

Jacob Larsen

Oral Presentation

1:00 – 1:20 • Ballrom A

Expansion Outlook: Fergus Falls, MN

Laura Trosdahl

Oral Presentation

2:30 – 2:50 • Ballrom A

Guatemala's Road to Development: An Economic Assessment.

John Thein

Oral Presentation

3:30 – 3:50 • Ballrom A

How Employment Opportunities Affect University Retention

Luke Sperling

Oral Presentation

9:50 – 10:10 • Ballrom A

Conference Participants Listed by Department

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Increased Sales in the Fourth Quarter: How Wal – Mart’s Sales Impact the Retail Industry

Aaron Ato – Davies

Oral Presentation

2:50 – 3:10 • Ballrom A

In – Kind Transfers of Payment

Joseph Bottrell

Oral Presentation

10:30 – 10:50 • Ballrom B

Refugees, Opportunities, and Fargo: An Economic Relationship

Vaneesha Dusoruth

Oral Presentation

1:40 – 2:00 • Ballrom A

The Role of Trade and Foreign Direct Investments in the Economic Growth of Sub – Saharan African Countries.

Zuweina Mohamed

Oral Presentation

3:10 – 3:30 • Ballrom A

The U.S. Corporate Tax System: Is Uncle Sam Encouraging Investment Abroad?

Peter McCallum

Oral Presentation

1:20 – 1:40 • Ballrom A

Toward a Sustainable Textbook Future – The Free, Open, and Digital Revolution

Allison Goldberg, Kyle Blake, Margaret Olatunbosun

Oral Presentation

9:30 – 9:50 • Ballrom A

University Housing Policy and the Bottom Line: Strange Bedfellows or Not?

Robert Wright

Oral Presentation

9:50 – 10:10 • Ballrom B

What factors influence the location decisions of service-sector firms in Minnesota and North Dakota?

Laura Lien

Oral Presentation

10:10 – 10:30 • Ballrom B

ECON – – Economics

Transition to Sustainable Energy

Fariha Rahman

Poster/Display 73

3:30PM – 4:10PM • CMU Main Lounge

Elementary and Early Childhood Education

Comparing a Children’s Film to the Literary Work that Inspired It

Amber Short

Poster/Display 74

9:30 – 10:10 • CMU 2nd Floor Hallway

English

“A Fine Frenzy”: Gender Dynamics in “A Midsummer Night’s Dream”

Vanessa Perkins

Oral Presentation

1:40 – 2:00 • CMU 101

An Animal Kingdom of Mishaps

Crystal Pound

Oral Presentation

9:30 – 1:40 • CMU 101

Conference Participants Listed by Department

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“Where is the Duende?”: An Approach to Understanding Poetry for All Readers

Logan Herold

Oral Presentation

2:00 – 2:20 • CMU 101

Down the Tracks: An Ecocritical Examination of Progress and Nature from Walden to Today

Matthew Pullen

Oral Presentation

9:30 – 1:40 • CMU 101

Henry David Thoreau’s Vision of Man and Nature

Chitrasen Parbhunath

Oral Presentation

9:30 – 1:40 • CMU 101

Hijacking Cultural Momentum: Steinbeck’s Use of the Archetypal Image of Christ in The Grapes of Wrath

Michael Lobdell

Oral Presentation

2:30 – 2:50 • CMU 101

How Atheists Can Get Into Heaven: Christopher Hitchens and the Catholic Church

John Goerke

Oral Presentation

3:10 – 3:40 • CMU 101

Return to the Farm

Emily Welin

Oral Presentation

9:30 – 1:40 • CMU 101

The Land of 9, 999 Lakes

April Matson

Oral Presentation

9:30 – 1:40 • CMU 101

The Necessity of Nature Writing

Kai Thorstad

Oral Presentation

9:30 – 1:40 • CMU 101

The Undeclared Student: Exploration and Strategies

Kimberly Ehrlich

Oral Presentation

2:50 – 3:10 • CMU 101

Chasing Lincoln’s Killer

Hannah Frink

Poster/Display 75

9:30 – 10:10 • CMU 2nd Floor Hallway

Film Studies

Dead Again: A Senior Seminar Film

Marcus Mann, Scott Tostenrud

Film Screening

9:30 – 9:50 • LO 0102

“The Unseen”

Ashley Alsum

Oral Presentation

1:00 – 1:20 • LO 0102

A Reappraisal of Voice – over Narration

Tyler Sorensen

Oral Presentation

10:10 – 10:30 • LO 0102

Analyzing Human Rights in Science Fiction Films

Conor Holt

Oral Presentation

3:30 – 3:50 • LO 0102

Conference Participants Listed by Department

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Comic Robots in Sci – Fi Films Or I Know What You Did Last Childhood

Fernanda deOliveira

Oral Presentation

2:50 – 3:10 • LO 0102

Film 472 Advanced Video Production Client Videos

Heather Alvar, Joshua Resch, Benjamin Pimlott

Oral Presentation

2:30 – 3:30 • LO 0101

Lineage: Shooting on Location

Joseph Kramer, Tara Kramer

Oral Presentation

9:50 – 10:10 • Ballroom D

Redecorating Film Adaptation: Problems and Possibilities

Jesse Balzer

Oral Presentation

1:40 – 2:00 • LO 0102

The Boy with Stumbling Blocks

Jessica Zeppelin

Oral Presentation

1:20 – 1:40 • LO 0102

The Extra – Amazing Adventures of Extraman and Extragirl

Craig Larson, Mitchell Miller, Nathan Bergeson

Oral Presentation

2:00 – 2:20 • LO 0102

The Media Wargames of Peter Watkins

Troy Weets

Oral Presentation

9:50 – 10:10 • LO 0102

The Psychology of Documentary Design

Sarah Palm

Oral Presentation

10:30 – 10:50 • LO 0102

The Self in Relation to the Other: Recognizing Artificial Intelligence as Our Equal and as the Divine in Science Fiction Films

Simone LeClaire

Oral Presentation

9:30 – 9:50 • Ballroom D

The Unseen: A Senior Seminar Film

Kathleen Kretchmer

Oral Presentation

2:30 – 2:50 • LO 0102

The Years – An Exploration of Feminist Film

Kristen Conaty, Ivan Clow

Oral Presentation

1:20 – 2:00 • LO 0101

White Science Fiction of America

Hotaka Demura

Oral Presentation

3:10 – 3:30 • LO 0102

Analyzing a Synecdoche

Nicholas Collins

Poster/Display 76

9:30 – 10:10 • CMU Basement Hallway

Geoscience

On the Trash Trail

Michael Schreifels

Oral Presentation

10:30–10:50 • Ballroom D

Nickel Partitioning

Jordana Anderson, Samantha Buhr, Timothy Erickson

Poster/Display 77

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Conference Participants Listed by Department

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

Scott Flores, Kyle Wohnoutka, Gerardo Rodriguez, Kaitlyn Nelson
Poster/Display 79

1:40PM – 2:20PM • CMU 2nd Floor Hallway

There is More to Panama than the Panama Canal

Paige Erickson, Margaret Casey
Poster/Display 78

2:30PM – 3:10PM • CMU 2nd Floor Hallway

History

Benito Juarez

Fidelia Maninga
Oral Presentation

2:30 – 2:50 • LO 0104

Hideyoshi Toyotomi – Policy and Politics in the Warring States period.

Shane Brownell
Oral Presentation

10:10 – 10:30 • LO 0104

Hugo Chavez – The rise of a new age dictator

Dominique Rolando
Oral Presentation

1:20 – 1:40 • LO 0104

Judaism in Late Antiquity

Jose Ledezma
Oral Presentation

10:30 – 10:50 • LO 0104

Li Hung – Chang, Sergei Witte and the Chinese Eastern Railway, 1887 – 1900

Bradley Madsen
Oral Presentation

2:50 – 3:10 • LO 0104

Naturschutz: Policy or Excuse? Examining the Environmental Policies of Germany's Nazi Regime.

Ashley St Sauver
Oral Presentation

2:00 – 2:20 • LO 0104

Pancho Villa and the Mexican Revolution

Jose Ledezma
Oral Presentation

1:00 – 1:20 • LO 0104

Role of Women in the Third Reich

Corinne Edgerton
Oral Presentation

1:40 – 2:00 • LO 0104

Spanish Conquistadors: Society Before and After Conquest.

Jacob Wiczek
Oral Presentation

9:50 – 10:10 • LO 0104

The Specter of Intervention: British Foreign Policy Pertaining to the American Civil War

Eugene Branstiter
Oral Presentation

3:30 – 3:50 • LO 0101

“The Surviving Chinese Jewish Community”

Eric Rothberg
Oral Presentation

2:30 – 2:50 • CMU 216

The Virgin of Guadalupe: Syncretic Figure of Mexican Catholicism

Christina Welgraven
Oral Presentation

9:30 – 9:50 • LO 0104

The Social Impact of Chernobyl Disaster

Avantika Singh, Atukoralage Indiwari Perera
Oral Presentation

10:10–10:30 • Ballroom D

Conference Participants Listed by Department

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Health

Alzheimer's Disease

Jill Marketon, Bobbi Jo Unterseher, Katie Kne, Angela Jetvig

Oral Presentation

10:30 – 10:50 • CMU 214

Colon Cancer

Kristen Bongard, Sagun Shahi, Lhemi Lama, Jessica Fjeld

Oral Presentation

1:00 – 1:20 • CMU 214

Disappointing Maternal Death Rates in the United States

Samantha Kunding, Sara Formanek, Lindsey

Michaelson, Heather Morrison

Oral Presentation

9:50 – 10:10 • CMU 214

Methicillin – Resistant Staphylococcus Aureus in the Fargo – Moorhead Region

Amy Lavalla, Amy Wohlhuter, Brooke

Harris, Kirsten Nies , Amy LaValla

Oral Presentation

9:30 – 9:50 • CMU 214

Preterm Births in the Scope of Epidemiology

Tiara Bowman, Brittany Sherven, Andrea Wiest

Oral Presentation

10:10 – 10:30 • CMU 214

Sickle Cell Anemia

Christian Nwabufu, Emmanuel Fohle, Smita

Tandukar, Collins Max Jerry

Oral Presentation

1:20 – 1:40 • CMU 214

Transition from Childhood to Adulthood for Autistic Individuals

Chiranthana Dissanayake, Kristin Grenz, Tyler

Carson, Adam Kappes, Jordyn Wallenborn

Oral Presentation

1:40 – 2:00 • CMU 214

Decreasing child mortality in Africa through malaria prevention.

Arati Gurung, Brittany Harris, Aaron Rassat,

Michelle Toren, Fidelia Maninga

Poster/Display #1

9:30 – 10:10 • CMU Basement Hallway

Anemia

Pragya Devkota, Sunita Thapa, Radha Maharjan

Poster/Display 84

9:30 – 10:10 • CMU Basement Hallway

Childhood Obesity

Sanju Basnet, Kody Hass, Nabin Dangi ,Smita Tankdakar

Poster/Display 83

9:30 – 10:10 • CMU 2nd Floor Hallway

Childhood Obesity

Karryn Schwab, Shekhar Pandey , Alisha Olson, Courtney Swanson

Oral Presentation

1:00–1:20 • Ballroom D

HIV/AIDS: The silent threat to humanity.

Margaret Olatunbosun, Durga Rijal,

Christelle Lokenye, Landon Dybdal

Poster/Display 85

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Obesity in the United States

Sara Meidinger, Isaac Thomas, Carly Helfrich, Kaeley Troyer

Poster/Display 82

1:40PM – 2:20PM • CMU Basement Hallway

Conference Participants Listed by Department

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Substance Abuse and Its Effects on the Population: An Epidemiological Approach.

Carly Kalina, Jenna Peper, Kabina Chaulagain

Poster/Display 81

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Honors

Honors Apprentices: Service and Challenge

Janet Aarness, Nick Enger, Dom Rolando, Jessy Belden

Oral Presentation

2:30 – 2:50 • CMU 227

Stabilization of Carbon Emissions

Jessica Belden

Poster/Display 87

1:40PM – 2:20PM • CMU 2nd Floor Hallway

International Studies

A closer look into the hydroelectricity projects of Nepal

Bibhusa Karki

Oral Presentation

3:10 – 3:30 • CMU 208

Ganga Ma: Revered by millions, polluted by all

Laren Lamb

Oral Presentation

2:30 – 2:50 • CMU 214

NAFTA: Negative effects on Mexico “The positive and negative effects that NAFTA has had on Mexico”.

Chase Walseth

Oral Presentation

2:00 – 2:20 • CMU 214

Nepal’s Survival between two Giants(Nepal’s foreign policy strategies vis – a – vis India and China)

Sunil Paudel

Oral Presentation

2:50 – 3:10 • CMU 208

The Rights of Indigenous people within the framework of International Organizations and Non – governmental organizations.

Amanda Zenk

Poster/Display 90

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Wine to Water

Sunil Paudel

Poster/Display 89

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Women Rights and Gender Inequality in Afghanistan.

Richa Upadhyay

Poster/Display 88

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Mathematics

Conic Sections in the Taxicab Plane

Alyssa Day, Rachel Thysell

Oral Presentation

10:30 – 10:50 • CMU 207

Generating functions, and their relationship to convergent sequences.

Christopher Mehl

Oral Presentation

9:50 – 10:10 • CMU 207

Conference Participants Listed by Department

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Geometric Constructions Using a Straightedge and a Compass

Madison Brantner, Melissa Montbriand

Oral Presentation

10:10 – 10:30 • CMU 207

k – Gibonacci Numbers and Permutation Statistics

Jonathan Rue

Oral Presentation

3:10 – 3:50 • CMU 207

Mass Communications

The Internet and Pedophiles: Are Your Children at Risk?

Taunia Tiegs-Marquardt

Oral Presentation

2:50 – 3:10 • CMU 227

Marketing

Marketing Electric Bikes in Canada: An overview of the Canadian Market

Grant Hagen

Oral Presentation

3:10 – 3:40 • CMU 227

Music

Behind the Sound: An Inside Look at Live Audio Production

David Kolar

Oral Presentation

3:10 – 3:20 • LO 0108

Duke Ellington: A True Innovator

Jordan Christianson

Oral Presentation

1:40 – 2:00 • LO 0108

Fa – So – La: The American Musical Tradition of Sacred Harp

Sarah Libby

Oral Presentation

9:30 – 9:50 • LO 0108

Form to Form: Music and Art in the Baroque

Cory Sailer

Oral Presentation

1:00 – 1:20 • LO 0108

John Coltrane's quest for a freedom

Yuki Harada

Oral Presentation

1:20 – 1:40 • LO 0108

Make a Jazz Noise Here: The Music of Frank Zappa

Scott Kendall

Oral Presentation

10:30 – 10:50 • LO 0108

Modern Jazz Bass: Improvisational styles on the double bass

Maxfield Johnk

Oral Presentation

10:10 – 10:30 • LO 0108

Music on the Brain

James Sandifer

Oral Presentation

2:00 – 2:20 • LO 0108

The New Performer Modern performance in classical music

Eric Guttormson

Oral Presentation

2:30 – 2:50 • LO 0108

Conference Participants Listed by Department

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Wagner's Mythology

Christopher Tollefson

Oral Presentation

9:50 – 10:10 • LO 0108

What's that Noise?

Aaron Thuen

Oral Presentation

2:50 – 3:10 • LO 0108

Nursing

A Transcultural Nursing Experience in Nicaragua

Piper DeLaPointe, Heather Erickson

Poster/Display 91

9:30 – 10:10 • CMU Basement Hallway

Autonomic Dysreflexia: A life threatening medical condition

Sanjog Dhungana, Sachin Bhandari

Poster/Display 92

9:30 – 10:10 • CMU Basement Hallway

Cardiovascular Disease

Jenna Winter

Poster/Display 106

9:30 – 10:10 • CMU Main Lounge

Care of a Cancer Patient with Pain

Amanda Volrath

Poster/Display 111

9:30 – 10:10 • CMU 2nd Floor Hallway

Caring for Patients in a Transcultural Nursing Setting

Jacquelyn Munson, Lordes Garcia

Poster/Display 99

9:30 – 10:10 • CMU 2nd Floor Hallway

Caring for the Aging Population in a Rural Community: A Nursing Perspective

Kaley Fisk

Poster/Display 107

9:30 – 10:10 • CMU 2nd Floor Hallway

Case study: Antipsychotic Medication Induced Parkinsonism

Arkady Millard

Poster/Display 103

9:30 – 10:10 • CMU 2nd Floor Hallway

Common Causes and Treatment for Chest Pain

Rachel Carry

Poster/Display 102

9:30 – 10:10 • CMU 2nd Floor Hallway

Community Acquired Methicillin Resistant Staphylococcus aureus.

Aron Ellingson

Poster/Display 97

9:30 – 10:10 • CMU 2nd Floor Hallway

Evidence Based Practice in the Management of Acute Alcohol Detoxification

Courtney Covey

Poster/Display 104

10:10AM – 10:50AM • CMU Main Lounge

Health Literacy and Oncology Patient Education

Ashley Schmidt

Poster/Display 95

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Labor and Delivery Nursing: A Student's Perspective

Carmen Parsley

Poster/Display 112

1:00PM – 1:40PM • CMU Basement Hallway

Conference Participants Listed by Department

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Medical – Surgical Nursing

Molly Moenkedick

Poster/Display 105

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Nursing Around the World: One Student's Experience in Guatemala

Alena Deutschlander, Heidi Banick

Poster/Display 98

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Nursing Care After A Coronary Artery Bypass Graft: Preventing Complications

Aimee Laurencelle

Poster/Display 108

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Obstetric Nursing

Lindsey Imdieke

Poster/Display 109

1:40PM – 2:20PM • CMU Basement Hallway

Prevent Deep Vein Thrombosis on a Medical/Surgical Flood

Alicia Saue

Poster/Display 110

1:40PM – 2:20PM • CMU Basement Hallway

Preventing Post – Surgical Complications

Courtney Conyers

Poster/Display 101

1:40PM – 2:20PM • CMU Main Lounge

Public Health Nursing in Guatemala

Lourdes Garcia

Poster/Display 100

1:40PM – 2:20PM • CMU Main Lounge

The effect of prone positioning in patients with Acute Respiratory Distress Syndrome (ARDS).

Molly Breen

Poster/Display 113

2:30PM – 3:10PM • CMU Main Lounge

Transcultural Nursing in Guatemala

Lindsay Krabbenhoft, Shelby Doris Rossow

Poster/Display 93

3:30PM – 4:10PM • CMU Main Lounge

Transcultural Nursing in Guatemala

Shelby Rossow, Lindsay Margaret Krabbenhoft

Poster/Display 94

3:30PM – 4:10PM • CMU Main Lounge

Transcultural Nursing; What I thought I knew, what I learned, and the differences.

Susan Ross

Poster/Display 96

3:30PM – 4:10PM • CMU Main Lounge

Women's health – human papillomavirus

Tonia Lofgren

Poster/Display 114

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Philosophy

A Critical Analysis of Descartes' Claim that 'Animals are Machines'

Adam Hasbargen

Oral Presentation

9:50 – 10:10 • CMU 216

Introducing Tibet

Sonam Dekyi

Oral Presentation

9:30 – 9:50 • CMU 216

Conference Participants Listed by Department

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Physics

Detecting How Isotope Decay Affects PET/CT Imaging

Kristin Brevik

Oral Presentation

10:30 – 10:50 • CMU 216

Modulated Signal Transfer

Benjamin Forsythe

Oral Presentation

1:00 – 1:20 • CMU 216

Utilizing Microsoft Kinect Controller for Affordable Robotic Navigation

Steven Ruckdashel

Oral Presentation

10:10 – 10:30 • CMU 216

Bragg Scattering and Atomic Force Microscopy

Victoria Honetschlager, Pragalv Karki, Wesley Teo

Poster/Display 116

9:30 – 10:10 • CMU Main Lounge

Constructing a Walker Robot

Murshid Saqlain

Poster/Display 120

10:10AM – 10:50AM • CMU Basement Hallway

Gaussian Accelerator

Wesley Teo

Poster/Display 115

10:10AM – 10:50AM • CMU 2nd Floor Hallway

Magnetic Moment

Alycia Bergeson, DJ Houk, Nicholas Weir

Poster/Display 118

1:00PM – 1:40PM • CMU Main Lounge

Magnetic Susceptibility and the Superconducting Transition

Christopher Moore

Poster/Display 117

1:00PM – 1:40PM • CMU Main Lounge

Nuclear Magnetic Resonance

Christopher Moore

Poster/Display 121

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Recursive Ambiphonic Crosstalk Elimination

Nicholas Weir

Poster/Display 122

1:40PM – 2:20PM • CMU Main Lounge

X-ray spectroscopy

Dillon , Ishan Mani Subedi

Poster/Display 119

3:30PM – 4:10PM • CMU 2nd Floor Hallway

Political Science

Human Security and Societal Security Concerns in Post – Taliban Afghanistan

James Sieben

Oral Presentation

1:00 – 1:20 • CMU 207



Conference Participants Listed by Department

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Millennium Development Goals & Their Impact in Contemporary Africa: Healing the Heart of Darkness, or skirting it?

Kyle Evens

Oral Presentation

1:20 – 1:40 • CMU 207

The Internet and International Security

Nathan Mack

Oral Presentation

1:40 – 2:00 • CMU 207

The responsibility to protect as an emerging norm of international law

Christopher Kettering

Oral Presentation

2:30 – 2:50 • CMU 207

Tribal Governments and the Effects of the U.S. Political System

Sarah Butrum

Oral Presentation

2:50 – 3:10 • CMU 207

The IMF and the Third World

Dustin Sobolik

Poster/Display 123

2:30PM – 3:10PM • CMU Main Lounge

Psychology

Post High School Aspirations of American Indian Students

Andrea Stenson, Raina Heruth, Jered Pigeon

Oral Presentation

1:20 – 1:50 • CMU 216

Artistic Quality by Beauty and Interestingness

Derek Page

Poster/Display 132

9:30 – 10:10 • CMU Basement Hallway

Artistic Quality by Complexity and Type of Emotion.

Grant Cameron

Poster/Display 131

9:30 – 10:10 • CMU Basement Hallway

“Getting to Know You: Differing Perceptions of Online versus Face – to – face Self – Disclosures and Satisfaction in College Females”

Lexi Heringer

Poster/Display 130

10:10AM – 10:50AM • CMU 2nd Floor Hallway

How you Read to Kids Matters: Efficacy of Specific Techniques in Repeated Read Alouds

Christine Hollermann, Lyndsey Roy, Katie Engberg

Poster/Display 128

1:00PM – 1:40PM • CMU Basement Hallway

Liking and Eroticism in Evaluations of the Visual Arts

Dylan O’Brien

Poster/Display 133

1:00PM – 1:40PM • CMU Basement Hallway

Media’s Influence on Body Image: An Eye Tracking Study

Jennifer Livingood, Jacquelyn Schmidt

Poster/Display 126

1:00PM – 1:40PM • CMU Main Lounge

Music’s Effect on Helping Behavior in Second Life

Ethan Dahl, Casey Lloyd

Poster/Display 124

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Shared Sounds and Spellings Affect Explicit and Implicit Memory Tests

Farryn Helm, Carole Bracshayko

Poster/Display 125

1:40PM – 2:20PM • CMU Main Lounge

Conference Participants Listed by Department

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Should I Stay or Should I go?: Positive Illusions, Jealousy, and Commitment in Romantic Relationships

Lisa Dowers

Poster/Display 129

1:40PM – 2:20PM • CMU 2nd Floor Hallway

Social Referencing During Inauthentic Emotional Situations

Jennifer Wenner, Allyson Schann, Natalie Avey

Poster/Display 127

1:40PM – 2:20PM • CMU 2nd Floor Hallway

The Future of Time Perspective

Dylan O'Brien

Poster/Display 134

2:30PM – 3:10PM • CMU Main Lounge

The Spanish Immersion Classroom and Beyond: An Investigation of Vocabulary Discrepancies

Jessica Remhof

Poster/Display 136

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Virtual Sexual Aggression: The Real Life Correlates of BDSM and Rape Simulations in Second Life

Kelsey Johnson

Poster/Display 135

3:30PM – 4:10PM • CMU Main Lounge

Speech, Language & Hearing Science

Cochlear Implants

Chelsea McCartney

Poster/Display 137

9:30 – 10:10 • CMU 2nd Floor Hallway

Music – Induced Hearing Loss and the Collegiate Musician

Maria Lendobeja

Poster/Display 138

1:00PM – 1:40PM • CMU 2nd Floor Hallway

Sociology

Importance of Education and Health

Brian Kariuki

Oral Presentation

10:30 – 10:50 • CMU 208

It's Like A Stoner's Paradise Man

Jennifer Harzke, Lauren Wold

Oral Presentation

1:20 – 1:40 • CMU 208

Relationship of man – made chemicals and human health

Neville Lambourne

Poster/Display

1:00 – 1:40 • CMU 2nd Floor Hallway

The Higher Immorality: An In-Depth Socio-Historical Analysis of Journalism in the United States.

Suzanne Al – Kayali

Oral Presentation

9:30 – 9:50 • CMU 208

The Over Diagnosis of ADHD

Sky Purdin

Oral Presentation

9:50 – 10:10 • CMU 208

The Relationships between Income and Health Insurance

Dustin Beachem

Oral Presentation

10:10 – 10:30 • CMU 208

Conference Participants Listed by Department

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Does medical school cause health issues from stress and anxiety during the course of their schooling?

Brittany Harris, Ronak Habib

Poster/Display 140

10:10AM – 10:50AM · CMU Basement Hallway

Does the amount of how much or how little sleep you get affect your health and overall health, more so for woman or men?

Kayla Abele

Poster/Display 144

10:10AM – 10:50AM · CMU Basement Hallway

Domestic Violence and Health

Rachel Johnson

Poster/Display 150

10:10AM – 10:50AM · CMU Basement Hallway

Educational Levels Adverse Affect on Health

Chiranthana Dissanayake, Jordyn Wallenborn

Poster/Display 152

10:10AM – 10:50AM · CMU Basement Hallway

Effects of long – term unemployment on nutrition and health.

Chris Engelhorn

Poster/Display 155

10:10AM – 10:50AM · CMU Basement Hallway

Government Nutritional Programs: Success of Failure?

Glen Marshall

Poster/Display 148

10:10AM – 10:50AM · CMU 2nd Floor Hallway

Happiness for a sound mind

Arati Gurung

Poster/Display 147

10:10AM – 10:50AM · CMU 2nd Floor Hallway

Health Among the Homeless

Karryn Schwab

Poster/Display 143

10:10AM – 10:50AM · CMU 2nd Floor Hallway

Heath Insurance Coverage and Overall Health

Wendy LeBrun

Poster/Display 151

10:10AM – 10:50AM · CMU 2nd Floor Hallway

How does religion, alcohol consumption, and socioeconomic status, affect the overall health of older adults?

Rebecca Scott

Poster/Display 156

10:10AM – 10:50AM · CMU 2nd Floor Hallway

How the Belief Involving Prozac Affects Health

Chelsea Schmaltz

Poster/Display 154

10:10AM – 10:50AM · CMU 2nd Floor Hallway

Television's Impact on Health

Kristen Bongard, Erin Durken

Poster/Display 142

2:30PM – 3:10PM · CMU Main Lounge

The Effect of Internet Use on Health

Briana Magrum

Poster/Display 149

2:30PM – 3:10PM · CMU Main Lounge

The Influence of Alcohol Use on Health

Jenna Peper

Poster/Display 145

2:30PM – 3:10PM · CMU Main Lounge

The Relationship Between Poverty, Social Class, and Overall Health

Amy Thorson, Shannon Grossman

Poster/Display 139

2:30PM – 3:10PM · CMU Main Lounge

The Relationship between the number of hours of Television watched and one's Health

Kristen Bongard, Erin Durken

Poster/Display 141

2:30PM – 3:10PM · CMU Main Lounge

Conference Participants Listed by Department

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The Relationship with Smoking and your Health

Cynthia Marier

Poster/Display 146

2:30PM – 3:10PM • CMU 2nd Floor Hallway

Water contamination and health

Samuel Getty

Poster/Display 153

3:30PM – 4:10PM • CMU Main Lounge

Los Pazos de Ulloa and the Naturalism Movement in Spain

Kelsey Indergaard

Oral Presentation

1:50 – 2:10 • CMU 216

Theatre Arts

Fundamentals of Play Directing

Alexander Holmquist

Oral Presentation

2:30 – 2:50 • Ballroom D

Shakespeare's The Merry Wives of Windsor: Adapting Shakespeare for Contemporary Audiences

Maggie Olson

Oral Presentation

2:10 – 2:30 • CMU 216

STOP KISS

Carl Rottman, John Varvin, Cheyne King, Ryan Soukup, Cortney Schmidkunz, Kimberly Miller, Sarah Chamma, Heidi Riffle, Meagan Kedrowski, Carielle Henry, Amber Bracken, Parker Shook, Cheyne King, Dustin Beck, Kelly Nelson
Performance

9:30 – 11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes"

The Musical of Musicals

Tariq Muwahid, Klarissa Pudwill, Tierney Michon, Sarah Dewhirst, Nicholas Kaspari, Matthew Englund, Caroline Stommes, Nikko Raymo, Holli Richgels, Chandler Cline, James Stenger, Sara Hysjulien, Heidi Riffle, Meagan Kedrowski, William Schnase, Dustin Beck
Performance and Talkback

2:30–4:40 • Gaede Theatre

IF YOU GIVE A MOUSE A COOKIE

John Vavrin, Cheyne King, Ryan Soukup, Cortney Schmidkunz, Erin Granger

1:00–1:45 • Glasrud Auditorium in Weld Hall

Conference Participants Listed by Department

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STUDENT ACADEMIC CONFERENCE DIRECTORY

Aarness, Janet

Honors Apprentices: Service and Challenge

HON—Honors

Oral Presentation

2:30 - 2:50 • CMU 227

Abele, Kayla

Does the amount of how much or how little sleep you get affect your health and overall health, more so for woman or men?

SOC—Sociology

Poster/Display #144

10:10–10:50 • CMU Basement Hallway

Adhikari, Anup

Supercross Track

CM—Construction Management

Poster/Display #71

1:40–2:20 • CMU 2nd Floor Hallway

Aitken, Athena

Hands-on cultural learning; the story of a birch bark lodge

ANTH—Anthropology

Poster/Display #8

10:10–10:50 • CMU 2nd Floor Hallway

Aleem, Sara

In Silico Analysis and Molecular Dissection of the PPKK:PDRP Interaction

BIOL—Biology

Poster/Display #28

1:00–1:40 • CMU Basement Hallway

Al-Kayali, Suzanne

The Higher Immorality: An In-Depth Socio-Historical Analysis of Journalism in the United States.

SOC—Sociology

Oral Presentation

9:30–9:50 • CMU 208

Alsum, Ashley

“The Unseen”

FILM—Film Studies

Oral Presentation

1:00 - 1:20 • LO 0102

Alvar, Heather

Film 472 Advanced Video Production Client Videos

FILM—Film Studies

Oral Presentation

2:30–3:30 • LO 0101

Anderson, Jordana

Nickel Partitioning

GEOS—Geoscience

Poster/Display #77

1:00–1:40 • CMU 2nd Floor Hallway

Anderson, Kristina

Investigation of calcineurin B homologous protein isoform 2 regulation of Na⁺/H⁺ exchanger. A potential novel therapeutic target to treat non-small cell lung cancer.

CHEM—Chemistry

Oral Presentation

1:20–1:40 • Ballroom D

Anderson, Kristina

Investigation of calcineurin B homologous protein isoform 2 regulation of Na⁺/H⁺ exchanger. A potential novel therapeutic target to treat non-small cell lung cancer.

CHEM—Chemistry

Poster /Display #161

9:30 - 10:10 • CMU Basement Hallway

Arneson, Nathaniel Jacob

Exploration of the relationship between the Cassava plant to the Taino people of the Greater Antilles.

BIOL—Biology

Poster/Display #27

10:10–10:50 • CMU Main Lounge

Ato-Davies, Aaron

Increased Sales in the Fourth Quarter: How Wal-Mart's Sales Impact the Retail Industry

ECON—Economics

Oral Presentation

2:50–3:10 • • Ballroom A

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Avey, Natalie

Social Referencing During Inauthentic Emotional Situations

PSY—Psychology

Poster/Display #127

1:40–2:20 • CMU 2nd Floor Hallway

Balzer, Jesse

Redecorating Film Adaptation: Problems and Possibilities

FILM—Film Studies

Oral Presentation

1:40 - 2:00 • LO 0102

Banick, Heidi

Nursing Around the World: One Student's Experience in Guatemala

NURS—Nursing

Poster/Display #98

1:00–1:40 • CMU 2nd Floor Hallway

Banla, Ismael

Synthesis of a new Cyanoborane polymer with a trigonal planar boron.

CHEM—Chemistry

Poster/Display #56

1:40–2:20 • CMU 2nd Floor Hallway

Banla, Ismael

High-yield synthesis of the semicarbazide adduct of cyanoborane

CHEM—Chemistry

Poster/Display #55

10:10–10:50 • CMU 2nd Floor Hallway

Basnet, Sanju

Childhood Obesity

HLTH—Health

Poster/Display #83

9:30–10:10 • CMU 2nd Floor Hallway

Baysinger, Katie

Investigations of biochemical and molecular mechanisms of systemic acquired resistance in Cucumis sativus

BIOL—Biology

Poster/Display #30

1:00–1:40 • CMU Basement Hallway

Beachem, Dustin

The Relationships between Income and Health Insurance

SOC—Sociology

Oral Presentation

10:10–10:30 • CMU 208

Beck, Jase

Farming Techniques in Costa Rica vs. United States

BIOL—Biology

Oral Presentation

2:30–2:50 • CMU 205

Beck, Dustin

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Beck, Dustin

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Beers, Brittany

The affects of exotic earthworms on Big Bluestem, Andropogon gerardii, prairie plants

BIOL—Biology

Poster/Display #36

2:30–3:10 • CMU Main Lounge

Belavina, Natalia

Investigations of biochemical and molecular mechanisms of systemic acquired resistance in Cucumis sativus

BIOL—Biology

Poster/Display #30

1:00–1:40 • CMU Basement Hallway

Belden, Jessica

Stabilization of Carbon Emissions

HON—Honors

Poster/Display #87

1:40–2:20 • CMU 2nd Floor Hallway

Belden, Jessy

Honors Apprentices: Service and Challenge

HON—Honors

Oral Presentation

2:30–2:50 • CMU 227

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Bell, John

Noodles And Company

CM—Construction Management

Poster/Display #72

1:00–1:40 • CMU 2nd Floor Hallway

Berger, Allison

Living Learning Communities and retention rate.

CMST—Communication Studies

Oral Presentation

2:00–2:20 • CMU 227

Bergeson, Alycia

Magnetic Moment

PHYS—Physics

Poster/Display #118

1:00–1:40 • CMU Main Lounge

Bergeson, Nathan

The Extra-Amazing Adventures of Extraman and Extragirl

FILM—Film Studies

Oral Presentation

2:00–2:20 • LO 0102

Berthelsen, Nicholas

Measuring NHE activity with fluorescence microscopy.

CHEM—Chemistry

Poster/Display #67

1:00–1:40 • CMU Main Lounge

Bhandari, Sachin

Autonomic Dysreflexia: A life threatening medical condition

NURS—Nursing

Poster/Display #92

9:30–10:10 • CMU Basement Hallway

Blake, Kyle

Toward a Sustainable Textbook Future - The Free, Open, and Digital Revolution

ECON—Economics

Oral Presentation

9:30–9:50 • Ballrom A

Boatey, Daisy

Lyme Disease Prevalence in South-Eastern North Dakota

BIOL—Biology

Poster/Display #43

1:00–1:40 • CMU Basement Hallway

Boecker, Tiffany

How to Make and Use a Pin Hole Camera

ART—Art and Design

Table Display #12

10:10–10:50 • CMU 2nd Floor Hallway

Bomstad, Derek

Capstone Experience- BDM Constructors

CM—Construction Management

Poster/Display #70

9:30–10:10 • CMU Main Lounge

Bongard, Kristen

Colon Cancer

HLTH—Health

Oral Presentation

1:00–1:20 • CMU 214

Bongard, Kristen

Television's Impact on Health

SOC—Sociology

Poster/Display #142

2:30–3:10 • CMU Main Lounge

Bongard, Kristen

The Relationship between the number of hours of Television watched and one's Health

SOC—Sociology

Poster/Display #141

2:30–3:10 • CMU Main Lounge

Borgh, Addie

Just Do It: Nike's Takeover of Sports Design and Marketing

ART—Art and Design

Oral Presentation

1:00–2:20 • CMU 203

Borgen, James

Living Learning Communities and retention rate.

CMST—Communication Studies

Oral Presentation

2:00–2:20 • CMU 227

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Bottrell, Joseph

In-Kind Transfers of Payment

ECON—Economics

Oral Presentation

10:30–10:50 • Ballrom B

Bowman, Tiara

Preterm Births in the Scope of Epidemiology

HLTH—Health

Oral Presentation

10:10–10:30 • CMU 214

Bracken, Amber

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Bracshayko, Carole

*Shared Sounds and Spellings Affect
Explicit and Implicit Memory Tests*

PSY—Psychology

Poster/Display #125

1:40–2:20 • CMU Main Lounge

Brammer, Adam

CM496 Downtown Moorhead Project

CM—Construction Management

Poster/Display #68

9:30–10:10 • CMU 2nd Floor Hallway

Branch, Michelle

Copper(II) Complexes of Pyridine-2,6-bisamide Ligands

CHEM—Chemistry

Poster/Display #54

10:10–10:50 • CMU Basement Hallway

Brandenburger, Amber

Vocal Cord Disorder: The Mistaken Wheeze

AT—Athletic Training

Poster/Display #20

3:30–4:10 • CMU Main Lounge

Branstiter, Eugene

*The Specter of Intervention: British Foreign
Policy Pertaining to the American Civil War*

HIST—History

Oral Presentation

3:30–3:50 • LO 0101

Brantner, Madison

*Geometric Constructions Using a
Straightedge and a Compass*

MATH—Mathematics

Oral Presentation

10:10–10:30 • CMU 207

Breen, Molly

*The effect of prone positioning in patients with
Acute Respiratory Distress Syndrome (ARDS).*

NURS—Nursing

Poster/Display #113

2:30–3:10 • CMU Main Lounge

Brevik, Kristin

Detecting How Isotope Decay Affects PET/CT Imaging

PHYS—Physics

Oral Presentation

10:30–10:50 • CMU 216

Brokmeier, Nicole D.

*A Decade of Painted Turtle Ecology in Clay
County, Minnesota What Have We Learned?*

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Bronczyk, Corey

*Construction Management Capstone
Experience - Multi-unit housing development*

CM—Construction Management

Oral Presentation

3:30–3:50 • CMU 207

Brownell, Shane

*Hideyoshi Toyotomi - Policy and Politics
in the Warring States period.*

HIST—History

Oral Presentation

10:10–10:30 • LO 0104

Buhr, Samantha

Nickel Partitioning

GEOS—Geoscience

Poster/Display #77

1:00–1:40 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Bullock, Kiesha

Conjugate Addition of Malononitrile to Unsaturated Carbonyls

CHEM—Chemistry

Poster/Display #59

9:30–10:10 • CMU 2nd Floor Hallway

Burke, Traci

Fashion Through The Lens

ART—Art and Design

Oral Presentation

9:50–10:10 • CMU 203

Burris, Lewis

Earth Art of the 1960s and 70s

ART—Art and Design

Oral Presentation

1:00–2:20 • CMU 203

Butrum, Sarah

Tribal Governments and the Effects of the U.S. Political System

POL—Political Science

Oral Presentation

2:50–3:10 • CMU 207

Bye, David

Does Piagetian Cognitive Ability Level Affect Student Ability To Accurately Perceive And Interpret Environmental Threats?

CHEM—Chemistry

Oral Presentation

9:30–9:50 • CMU 207

Cain, Kelsey

Early Photographic Process: Van Dyke Brown.

ART—Art and Design

Poster/Display #15

10:10–10:50 • CMU Basement Hallway

Cameron, Grant

Artistic Quality by Complexity and Type of Emotion.

PSY—Psychology

Poster/Display #131

9:30–10:10 • CMU Basement Hallway

Carry, Rachel

Common Causes and Treatment for Chest Pain

NURS—Nursing

Poster/Display #102

9:30–10:10 • CMU 2nd Floor Hallway

Carson, Tyler

Transition from Childhood to Adulthood for Autistic Individuals

HLTH—Health

Oral Presentation

1:40–2:00 • CMU 214

Casey, Margaret

There is More to Panama than the Panama Canal

GEOS—Geoscience

Poster/Display #78

2:30–3:10 • CMU 2nd Floor Hallway

Castonguay, Ashley

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Chamma, Sarah

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Chaulagain, Kabina

Substance Abuse and Its Effects on the Population: An Epidemiological Approach.

HLTH—Health

Poster/Display #81

1:40–2:20 • CMU 2nd Floor Hallway

Chitemere, Ruvimbo

A Novel Method to Generate IR Spectra of Solutes in Solution State

CHEM—Chemistry

Poster/Display #53

9:30–10:10 • CMU Basement Hallway

Christenson, Jacob

The Direction of Interactive Design

ART—Art and Design

Oral Presentation

1:00–2:20 • CMU 203

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Christenson, Jacob

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13

10:10–10:50 • CMU 2nd Floor Hallway

Christianson, Jordan

Duke Ellington: A True Innovator

MUS—Music

Oral Presentation

1:40–2:00 • LO 0108

Clawson, Jenna

Fort “Desolation” ND: Mortuary Analysis and Culture

ANTH—Anthropology

Poster/Display #5

10:10–10:50 • CMU Main Lounge

Cline, Chandler

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Clow, Ivan

The Years- An Exploration of Feminist Film

FILM—Film Studies

Oral Presentation

1:20–2:00 • LO 0101

Collins, Nicholas

Analyzing a Synecdoche

FILM—Film Studies

Poster/Display #76

9:30–10:10 • CMU Basement Hallway

Conaty, Kristen

The Years- An Exploration of Feminist Film

FILM—Film Studies

Oral Presentation

1:20–2:00 • LO 0101

Conyers, Courtney

Preventing Post-Surgical Complications

NURS—Nursing

Poster/Display #101

1:40–2:20 • CMU Main Lounge

Cork, Kathrine

Volunteering: All Paws Down

CMST—Communication Studies

Oral Presentation

1:00–1:20 • CMU 227

Covey, Courtney

Evidence Based Practice in the Management of Acute Alcohol Detoxification

NURS—Nursing

Poster/Display #104

10:10–10:50 • CMU Main Lounge

Dahl, Ethan

Music’s Effect on Helping Behavior in Second Life

PSY—Psychology

Poster/Display #124

1:00–1:40 • CMU 2nd Floor Hallway

Dahlen, Tony

Discovering Bangladesh: Halfway Around The World

CMST—Communication Studies

Oral Presentation

9:30–9:50 • CMU 227

Dahlquist, Julian

The Unknown Work of Vivian Maier

ART—Art and Design

Poster/Display #16

2:30–3:10 • CMU 2nd Floor Hallway

David, Jacinta

Farming Techniques in Costa Rica vs. United States

BIOL—Biology

Oral Presentation

2:30–2:50 • CMU 205

Day, Ashleigh

EM Survey at Historic Moorhead Site

ANTH—Anthropology

Poster/Display #6

10:10–10:50 • CMU Basement Hallway

Conference Participants Listed Alphabetically by Last Name

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Day, Alyssa

Conic Sections in the Taxicab Plane

MATH—Mathematics

Oral Presentation

10:30–10:50 • CMU 207

Dekyi, Sonam

Introducing Tibet

PHIL—Philosophy

Oral Presentation

9:30–9:50 • CMU 216

DeLaPointe, Piper

A Transcultural Nursing Experience in Nicaragua

NURS—Nursing

Poster/Display #91

9:30–10:10 • CMU Basement Hallway

Demura, Hotaka

White Science Fiction of America

FILM—Film Studies

Oral Presentation

3:10–3:30 • LO 0102

Dangi, Nabin

Childhood Obesity

HLTH—Health

Poster/Display #83

9:30–10:10 • CMU 2nd Floor Hallway

deOliveira, Fernanda

Comic Robots in Sci-Fi Films Or I Know

What You Did Last Childhood

FILM—Film Studies

Oral Presentation

2:50–3:10 • LO 0102

Deutschlander, Alena

Nursing Around the World: One Student's

Experience in Guatemala

NURS—Nursing

Poster/Display #98

1:00–1:40 • CMU 2nd Floor Hallway

Devkota, Pragya

Anemia

HLTH—Health

Poster/Display #84

9:30–10:10 • CMU Basement Hallway

Dewhirst, Sarah

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Dhungana, Sanjog

Autonomic Dysreflexia: A life

threatening medical condition

NURS—Nursing

Poster/Display #92

9:30–10:10 • CMU Basement Hallway

Dissanayake, Chiranthana

Transition from Childhood to Adulthood

for Autistic Individuals

HLTH—Health

Oral Presentation

1:40–2:00 • CMU 214

Dissanayake, Chiranthana

Educational Levels Adverse Affect on Health

SOC—Sociology

Poster/Display #152

10:10–10:50 • CMU Basement Hallway

Dornbusch, Andrew

The significance of the RSK and ROCK

phosphorylation sites of NHE1 and their role

in the regulation of cellular migration

BIOL—Biology

Poster/Display #45

2:30–3:10 • CMU 2nd Floor Hallway

Dowers, Lisa

Should I Stay or Should I go?: Positive Illusions,

Jealousy, and Commitment in Romantic Relationships

PSY—Psychology

Poster/Display #129

1:40–2:20 • CMU 2nd Floor Hallway

Downs, Dillon

Gaussian Accelerator

PHYS—Physics

Poster/Display #115

10:10–10:50 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Downs, Dillon

X-ray spectroscopy

PHYS—Physics

Poster/Display #119

3:30–4:10 • CMU 2nd Floor Hallway

Dugger, Dana

Bacillus

BIOL—Biology

Poster/Display #47

9:30–10:10 • CMU Basement Hallway

Durken, Erin

Television's Impact on Health

SOC—Sociology

Poster/Display #142

2:30–3:10 • CMU Main Lounge

Durken, Erin

The Relationship between the number of hours of Television watched and one's Health

SOC—Sociology

Poster/Display #141

2:30–3:10 • CMU Main Lounge

Dusoruth, Vaneesha

Refugees, Opportunities, and Fargo: An Economic Relationship

ECON—Economics

Oral Presentation

1:40–2:00 • Ballrom A

Dybdal, Landon

HIV/AIDS: The silent threat to humanity.

HLTH—Health

Poster/Display #85

10:10–10:50 • CMU 2nd Floor Hallway

Eden, Robert

Determinants of the Price of Smartphones

ECON—Economics

Oral Presentation

10:30–10:50 • Ballrom A

Edgerton, Corinne

Role of Women in the Third Reich

HIST—History

Oral Presentation

1:40–2:00 • LO 0104

Ehrlich, Kimberly

The Undeclared Student: Exploration and Strategies

ENGL—English

Oral Presentation

2:50–3:10 • CMU 101

Eichhorn, Tara

Do trematode cercariae, Ornithodiplostomum ptychocheilus, employ inclusive fitness by acting as a food source for their intermediate host fathead minnow, Pimephales promelas?

BIOL—Biology

Oral Presentation

10:10–10:30 • CMU 205

Eichhorn, Tara

Effect of order of stimulus presentation on releaser-induced recognition learning

BIOL—Biology

Oral Presentation

10:30–10:50 • CMU 205

Ellingson, Aron

Community Acquired Methicillin Resistant Staphylococcus aureus.

NURS—Nursing

Poster/Display #97

9:30–10:10 • CMU 2nd Floor Hallway

Engberg, Katie

How you Read to Kids Matters: Efficacy of Specific Techniques in Repeated Read Alouds

PSY—Psychology

Poster/Display #128

1:00–1:40 • CMU Basement Hallway

Engelhorn, Chris

Effects of long-term unemployment on nutrition and health.

SOC—Sociology

Poster/Display #155

10:10–10:50 • CMU Basement Hallway

Enger, Nick

Honors Apprentices: Service and Challenge

HON—Honors

Oral Presentation

2:30–2:50 • CMU 227

Conference Participants Listed Alphabetically by Last Name

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Englund, Matthew

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Erickson, Timothy

Nickel Partitioning

GEOS—Geoscience

Poster/Display #77

1:00–1:40 • CMU 2nd Floor Hallway

Erickson, Paige

There is More to Panama than the Panama Canal

GEOS—Geoscience

Poster/Display #78

2:30–3:10 • CMU 2nd Floor Hallway

Erickson, Anthony

CM496 Downtown Moorhead Project

CM—Construction Management

Poster/Display #68

9:30–10:10 • CMU 2nd Floor Hallway

Erickson, Heather

A Transcultural Nursing Experience in Nicaragua

NURS—Nursing

Poster/Display #91

9:30–10:10 • CMU Basement Hallway

Ertl, Grant

A Postmodern Pyramid: The Rhetoric in Radiohead's Pyramid Song

CMST—Communication Studies

Oral Presentation

9:50–10:10 • CMU 227

Eslinger, Phillip

Noodles And Company

CM—Construction Management

Poster/Display #72

1:00–1:40 • CMU 2nd Floor Hallway

Evens, Kyle

Millennium Development Goals & Their Impact in Contemporary Africa: Healing the Heart of Darkness, or skirting it?

POL—Political Science

Oral Presentation

1:20–1:40 • CMU 207

Fay, Amanda

Does Piagetian Cognitive Ability Level Affect Student Ability To Accurately Perceive And Interpret Environmental Threats?

CHEM—Chemistry

Oral Presentation

9:30–9:50 • CMU 207

Filas, Justin

Sub-Zero Contractor's Recreational Renovation

CM—Construction Management

Poster/Display #69

1:40–2:20 • CMU 2nd Floor Hallway

Fisk, Kaley

Caring for the Aging Population in a Rural Community: A Nursing Perspective

NURS—Nursing

Poster/Display #107

9:30–10:10 • CMU 2nd Floor Hallway

Fjeld, Jessica

Colon Cancer

HLTH—Health

Oral Presentation

1:00–1:20 • CMU 214

Flores, Scott

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

GEOS—Geoscience

Poster/Display #79

1:40–2:20 • CMU 2nd Floor Hallway

Flores Gallardo, Pedro

Conjugate Additions to Unsaturated Carbonyls

CHEM—Chemistry

Poster/Display #61

10:10–10:50 • CMU Basement Hallway

Fohle, Emmanuel

Sickle Cell Anemia

HLTH—Health

Oral Presentation

1:20–1:40 • CMU 214

Conference Participants Listed Alphabetically by Last Name

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Fohle, Emmanuel

Preliminary genetic analysis of Lasioglossum (Dialictus) spp. (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.

BIOL—Biology

Poster/Display #26

1:40–2:20 • CMU Basement Hallway

Fokuo, Gifty

Synthesis and Characterization of a Dye-Sensitizer

CHEM—Chemistry

Poster/Display #52

1:40–2:20 • CMU 2nd Floor Hallway

Formanek, Sara

Disappointing Maternal Death Rates in the United States

HLTH—Health

Oral Presentation

9:50–10:10 • CMU 214

Forsythe, Benjamin

Modulated Signal Transfer

PHYS—Physics

Oral Presentation

1:00–1:20 • CMU 216

Franklin, Bryan

Capstone Experience- BDM Constructors
CM—Construction Management

Poster/Display #70

9:30–10:10 • CMU Main Lounge

Frink, Hannah

Chasing Lincoln's Killer

ENGL—English

Poster/Display #75

9:30–10:10 • CMU 2nd Floor Hallway

Fritel, Kim

Parental teaching by fish biparental

BIOL—Biology

Poster/Display #39

1:40–2:20 • CMU Basement Hallway

Fritel, Kim

Bi-Parental Teaching by Fish

BIOL—Biology

Poster/Display #41

9:30–10:10 • CMU Main Lounge

Funk, Kaitlyn

Copper(II) Complexes of Pyridine-2,6-bisamide Ligands

CHEM—Chemistry

Poster/Display #54

10:10–10:50 • CMU Basement Hallway

Gamelin, Vanessa

Petrichor Images: Vanessa Gamelin Photography

ART—Art and Design

Poster/Display #17

1:40–2:20 • CMU Basement Hallway

Garcia, Lourdes

Public Health Nursing in Guatemala

NURS—Nursing

Poster/Display #100

1:40–2:20 • CMU Main Lounge

Garcia, Lourdes

Caring for Patients in a Transcultural Nursing Setting

NURS—Nursing

Poster/Display #99

9:30–10:10 • CMU 2nd Floor Hallway

Gebreselassie, Etsehiwot

A Novel Method to Generate IR Spectra of Solutes in Solution State

CHEM—Chemistry

Poster/Display #53

9:30–10:10 • CMU Basement Hallway

Geissler, Erin

Investigations of biochemical and molecular mechanisms of systemic acquired resistance in Cucumis sativus

BIOL—Biology

Poster/Display #30

1:00–1:40 • CMU Basement Hallway

George, Thomas

"How to Prevent Internal Fraud"

ACCT—Accounting

Poster/Display #3

1:00–1:40 • CMU Basement Hallway

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Getty, Samuel

Water contamination and health

SOC—Sociology

Poster/Display #153

3:30–4:10 • CMU Main Lounge

Goerke, John

How Atheists Can Get Into Heaven: Christopher Hitchens and the Catholic Church

ENGL—English

Oral Presentation

3:10–3:40 • CMU 101

Goldberg, Allison

Toward a Sustainable Textbook Future - The Free, Open, and Digital Revolution

ECON—Economics

Oral Presentation

9:30–9:50 • Ballrom A

Granger, Erin

IF YOU GIVE A MOUSE A COOKIE

THTR—Theatre Arts

Theatre Performance

1:00–1:45 • Glasrud Auditorium in Weld Hall

Gray, Ariel

Does population carrying capacity in protists scale exponentially with temperature?

BIOL—Biology

Poster/Display #31

10:10–10:50 • CMU Basement Hallway

Grenz, Kristin

Transition from Childhood to Adulthood for Autistic Individuals

HLTH—Health

Oral Presentation

1:40–2:00 • CMU 214

Grossman, Shannon

The Relationship Between Poverty, Social Class, and Overall Health

SOC—Sociology

Poster/Display #139

2:30–3:10 • CMU Main Lounge

Gurung, Arati

Happiness for a sound mind

SOC—Sociology

Poster/Display #147

10:10–10:50 • CMU 2nd Floor Hallway

Gurung, Arati

Decreasing child mortality in Africa through malaria prevention.

HLTH—Health

Poster/Display #1

9:30–10:10 • CMU Basement Hallway

Gutierrez, Rubi

The Role of NHE1 Transmembrane Protein in Stress Fiber Formation

CHEM—Chemistry

Poster/Display #66

2:30–3:10 • CMU 2nd Floor Hallway

Guttormson, Eric

The New Performer Modern performance in classical music

MUS—Music

Oral Presentation

2:30–2:50 • LO 0108

Habib, Ronak

Does medical school cause health issues from stress and anxiety during the course of their schooling?

SOC—Sociology

Poster/Display #140

10:10–10:50 • CMU Basement Hallway

Hagen, Grant

Marketing Electric Bikes in Canada: An overview of the Canadian Market

MKTG—Marketing

Oral Presentation

3:10–3:40 • CMU 227

Hajicek, Alexander

“How to Prevent Internal Fraud”

ACCT—Accounting

Poster/Display #3

1:00–1:40 • CMU Basement Hallway

Ham, Kelly

Sub-Zero Contractor's Recreational Renovation

CM—Construction Management

Poster/Display #69

1:40–2:20 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Hamness, Katie

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13

10:10–10:50 • CMU 2nd Floor Hallway

Hansen, Katelin

Volunteering: All Paws Down

CMST—Communication Studies

Oral Presentation

1:00–1:20 • CMU 227

Harada, Yuki

John Coltrane's quest for a freedom

MUS—Music

Oral Presentation

1:20–1:40 • LO 0108

Harris, Brittany

Does medical school cause health issues from stress and anxiety during the course of their schooling?

SOC—Sociology

Poster/Display #140

10:10–10:50 • CMU Basement Hallway

Harris, Larissa

Fort "Desolation" ND: Mortuary Analysis and Culture

ANTH—Anthropology

Poster/Display #5

10:10–10:50 • CMU Main Lounge

Harris, Brooke

Methicillin-Resistant Staphylococcus Aureus in the Fargo-Moorhead Region

HLTH—Health

Oral Presentation

9:30–9:50 • CMU 214

Harris, Brittany

Decreasing child mortality in Africa through malaria prevention.

HLTH—Health

Poster/Display #1

9:30–10:10 • CMU Basement Hallway

Harzke, Jennifer

It's Like A Stoner's Paradise Man

SOC—Sociology

Oral Presentation

1:20–1:40 • CMU 208

Hasbargen, Adam

A Critical Analysis of Descartes' Claim that 'Animals are Machines'

PHIL—Philosophy

Oral Presentation

9:50–10:10 • CMU 216

Hass, Kody

Childhood Obesity

HLTH—Health

Poster/Display #83

9:30–10:10 • CMU 2nd Floor Hallway

Hauer, Feba

A Test For Phenotypic Plasticity in the Ontogeny of Two Species of Cichlids

BIOL—Biology

Poster/Display #40

9:30–10:10 • CMU Basement Hallway

Helfrich, Carly

Obesity in the United States

HLTH—Health

Poster/Display #82

1:40–2:20 • CMU Basement Hallway

Helm, Farryn

Shared Sounds and Spellings Affect Explicit and Implicit Memory Tests

PSY—Psychology

Poster/Display #125

1:40–2:20 • CMU Main Lounge

Henry, Carielle

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Heringer, Lexi

Getting to Know You: Differing Perceptions of Online versus Face-to-face Self-Disclosures and Satisfaction in College Females

PSY—Psychology

Poster/Display #130

10:10–10:50 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Herold, Logan

"Where is the Duende?": An Approach to Understanding Poetry for All Readers

ENGL—English

Oral Presentation

2:00–2:20 • CMU 101

Heruth, Raina

Post High School Aspirations of American Indian Students

PSY—Psychology

Oral Presentation

1:20–1:50 • CMU 216

Hettich, Jeanne

Living Learning Communities and retention rate.

CMST—Communication Studies

Oral Presentation

2:00–2:20 • CMU 227

Heuer, Shana

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Hill, Zachary

Supercross Track

CM—Construction Management

Poster/Display #71

1:40–2:20 • CMU 2nd Floor Hallway

Hollermann, Christine

How you Read to Kids Matters: Efficacy of Specific Techniques in Repeated Read Alouds

PSY—Psychology

Poster/Display #128

1:00–1:40 • CMU Basement Hallway

Holmquist, Alexander

Fundamentals of Play Directing

THTR—Theatre Arts

Oral Presentation

2:30–2:50 • Ballroom D

Holowell, Caitlyn

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Holt, Conor

Analyzing Human Rights in Science Fiction Films

FILM—Film Studies

Oral Presentation

3:30–3:50 • LO 0102

Honetschlager, Victoria

In vivo EPR signal reduction of spin-labeled free radicals in living mice

CHEM—Chemistry

Poster/Display #64

1:00–1:40 • CMU Basement Hallway

Honetschlager, Victoria

Bragg Scattering and Atomic Force Microscopy

PHYS—Physics

Poster/Display #116

9:30–10:10 • CMU Main Lounge

Houk, DJ

Magnetic Moment

PHYS—Physics

Poster/Display #118

1:00–1:40 • CMU Main Lounge

Huso, Keely

Volunteering: All Paws Down

CMST—Communication Studies

Oral Presentation

1:00–1:20 • CMU 227

Hysjulien, Sara

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Imdieke, Lindsey

Obstetric Nursing

NURS—Nursing

Poster/Display #109

1:40–2:20 • CMU Basement Hallway

Conference Participants Listed Alphabetically by Last Name

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Indergaard, Kelsey

Los Pazos de Ulloa and the Naturalism Movement in Spain

SPAN—Spanish

Oral Presentation

1:50–2:10 • CMU 216

Iwen, Kimberly

Exploration of the relationship between the Cassava plant to the Taino people of the Greater Antilles.

BIOL—Biology

Poster/Display #27

10:10–10:50 • CMU Main Lounge

Jacobson, Katie

Prehistoric Settlement in Swift County, Minnesota

ANTH—Anthropology

Poster/Display #11

1:40–2:20 • CMU Basement Hallway

Jacobson, Robert

Gender Among The Lakota

ANTH—Anthropology

Poster/Display #9

10:10–10:50 • CMU 2nd Floor Hallway

Jetvig, Angela

Alzheimer's Disease

HLTH—Health

Oral Presentation

10:30–10:50 • CMU 214

Johnk, Maxfield

Modern Jazz Bass: Improvisational styles on the double bass

MUS—Music

Oral Presentation

10:10–10:30 • LO 0108

Johnson, Rachel

Domestic Violence and Health

SOC—Sociology

Poster/Display #150

10:10–10:50 • CMU Basement Hallway

Johnson, Courtney

Beautifully Bald: Learning to Live with Alopecia through Self-Disclosure and Friendship

CMST—Communication Studies

Oral Presentation

10:30–10:50 • CMU 227

Johnson, Kelsey

Virtual Sexual Aggression: The Real Life Correlates of BDSM and Rape Simulations in Second Life

PSY—Psychology

Poster/Display #135

3:30–4:10 • CMU Main Lounge

Jorgenson, Renek

Science Discovery Camp for Middle School Students

BIOL—Biology

Poster/Display #29

1:40–2:20 • CMU Main Lounge

Kadimisetty, Sri Krishna

Make the next facebook: Developing a webapp on Google App Engine

CSIS—Computer Science and Information Systems

Workshop

1:40–2:10 • Ballroom D

Kaffe, Arjun

Preparation of Imino Esters and Investigation of their Conjugate Additions to Unsaturated Carbonyls

CHEM—Chemistry

Poster/Display #60

1:40–2:20 • CMU Basement Hallway

Kalina, Carly

Substance Abuse and Its Effects on the Population: An Epidemiological Approach.

HLTH—Health

Poster/Display #81

1:40–2:20 • CMU 2nd Floor Hallway

Kappes, Adam

Transition from Childhood to Adulthood for Autistic Individuals

HLTH—Health

Oral Presentation

1:40–2:00 • CMU 214

Kariuki, Brian

Importance of Education and Health

SOC—Sociology

Oral Presentation

10:30–10:50 • CMU 208

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Karki, Bibhusha

A closer look into the hydroelectricity projects of Nepal

INTL—International Studies

Oral Presentation

3:10–3:30 • CMU 208

Karki, Pragalv

Bragg Scattering and Atomic Force Microscopy

PHYS—Physics

Poster/Display #116

9:30–10:10 • CMU Main Lounge

Kaspari, Nicholas

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Kedrowski, Meagan

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Kedrowski, Meagan

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Kelley, Jennifer

Organics and Inorganics of America and Costa Rica

BIOL—Biology

Oral Presentation

1:00–1:20 • CMU 205

Kendall, Scott

Make a Jazz Noise Here: The Music of Frank Zappa

MUS—Music

Oral Presentation

10:30–10:50 • LO 0108

Kettering, Christopher

The responsibility to protect as an emerging norm of international law

POL—Political Science

Oral Presentation

2:30–2:50 • CMU 207

Kim, Taehyun

Synthesis of a new Cyanoborane polymer with a trigonal planar boron.

CHEM—Chemistry

Poster/Display #56

1:40–2:20 • CMU 2nd Floor Hallway

Kim, Taehyun

High-yield synthesis of the semicarbazide adduct of cyanoborane

CHEM—Chemistry

Poster/Display #55

10:10–10:50 • CMU 2nd Floor Hallway

King, Cheyne

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

King, Cheyne

IF YOU GIVE A MOUSE A COOKIE

THTR—Theatre Arts

Theatre Performance

1:00–1:45 • Glasrud Auditorium in Weld Hall

Kinter, Kevin

A Test For Phenotypic Plasticity In The Ontogeny of Skeletal Ossification in Larvae of Two Species of Cichlids

BIOL—Biology

Poster/Display #40

9:30–10:10 • CMU Basement Hallway

Kirby, Michael

Capstone Experience- BDM Constructors

CM—Construction Management

Poster/Display #70

9:30–10:10 • CMU Main Lounge

Kne, Katie

Alzheimer's Disease

HLTH—Health

Oral Presentation

10:30–10:50 • CMU 214

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Koirala, Mallika

Forensic Accounting: A Research Study

ACCT—Accounting

Oral Presentation

3:20–3:40 • LO 0108

Kolar, David

Behind the Sound: An Inside Look at Live Audio Production

MUS—Music

Oral Presentation

3:10–3:20 • LO 0108

Kondo, Takuto

KAATSU Training

AT—Athletic Training

Poster/Display #21

1:00–1:40 • CMU Basement Hallway

Korczak, Jordan

Sub-Zero Contractor's Recreational Renovation

CM—Construction Management

Poster/Display #69

1:40–2:20 • CMU 2nd Floor Hallway

Kosak, Kyle

Urban Canada Geese in Moorhead, Minnesota: How Many are Too Many?

BIOL—Biology

Poster/Display #33

3:30–4:10 • CMU Main Lounge

Krabbenhoft, Lindsay

Transcultural Nursing in Guatemala

NURS—Nursing

Poster/Display #93

3:30–4:10 • CMU Main Lounge

Krabbenhoft, Lindsay Margaret

Transcultural Nursing in Guatemala

NURS—Nursing

Poster/Display #94

3:30–4:10 • CMU Main Lounge

Kram, Sara

Wet Site Archaeology: An Overview.

ANTH—Anthropology

Poster/Display #7

3:30–4:10 • CMU 2nd Floor Hallway

Kramer, Joseph

Lineage: Shooting on Location

FILM—Film Studies

Oral Presentation

9:50–10:10 • Ballroom D

Kramer, Tara

Lineage: Shooting on Location

FILM—Film Studies

Oral Presentation

9:50–10:10 • Ballroom D

Kretchmer, Kathleen

The Unseen: A Senior Seminar Film

FILM—Film Studies

Oral Presentation

2:30–2:50 • LO 0102

Kuklock, Ashlyn

Does population carrying capacity in protists scale exponentially with temperature?

BIOL—Biology

Poster/Display #31

10:10–10:50 • CMU Basement Hallway

Kuklock, Jaclynn

Does population carrying capacity in protists scale exponentially with temperature?

BIOL—Biology

Poster/Display #31

10:10–10:50 • CMU Basement Hallway

Kulshrestha, Manasvi

Understanding the neurological basis of LSD

BIOL—Biology

Poster/Display #42

3:30–4:10 • CMU Main Lounge

Kundinger, Samantha

Disappointing Maternal Death Rates in the United States

HLTH—Health

Oral Presentation

9:50–10:10 • CMU 214

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Kuperus, Danielle

Money Doesn't Grow on Trees: The environmental, economic, and global costs of deforestation in Costa Rica.

BIOL—Biology

Oral Presentation

2:00–2:20 • CMU 205

Lagred, Kayla

How to Make and Use a Pin Hole Camera

ART—Art and Design

Table Display #12

10:10–10:50 • CMU 2nd Floor Hallway

Lakner, Mitchell

In Silico Analysis and Molecular Dissection of the PPK:PKR Interaction

BIOL—Biology

Poster/Display #28

1:00–1:40 • CMU Basement Hallway

Lakner, Mitchell

Science Discovery Camp for Middle School Students

BIOL—Biology

Poster/Display #29

1:40–2:20 • CMU Main Lounge

Lama, Lhemi

Colon Cancer

HLTH—Health

Oral Presentation

1:00–1:20 • CMU 214

Lamb, Laren

Ganga Ma: Revered by millions, polluted by all

INTL—International Studies

Oral Presentation

2:30–2:50 • CMU 214

Lambertz, Jessica

Lasting Projects of the New Deal in Fargo/Moorhead

ART—Art and Design

Oral Presentation

9:30–9:50 • CMU 203

Lambourne, Neville

relationship of man-made chemicals and human health

SOC—Sociology

Poster/Display

1:00–1:40 • CMU 2nd Floor Hallway

Larsen, Jacob

Every Drop Counts: An Analysis of International Water Markets and Pricing Policies

ECON—Economics

Oral Presentation

1:00–1:20 • Ballrom A

Larson, Craig

The Extra-Amazing Adventures of Extraman and Extragirl

FILM—Film Studies

Oral Presentation

2:00–2:20 • LO 0102

Laurencelle, Aimee

Nursing Care After A Coronary Artery Bypass Graft: Preventing Complications

NURS—Nursing

Poster/Display #108

1:00–1:40 • CMU 2nd Floor Hallway

LaValla, Amy

Judaism in Late Antiquity

HIST—History

Oral Presentation

10:30–10:50 • LO 0104

LaValla, Amy

Methicillin-Resistant Staphylococcus Aureus in the Fargo-Moorhead Region

HLTH—Health

Oral Presentation

9:30–9:50 • CMU 214

Lazur, Brittany

Beautifully Bald: Learning to Live with Alopecia through Self-Disclosure and Friendship

CMST—Communication Studies

Oral Presentation

10:30–10:50 • CMU 227

LeBrun, Wendy

Health Insurance Coverage and Overall Health

SOC—Sociology

Poster/Display #151

10:10–10:50 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Lech, Matthew

Identifying characteristics of conspiracy rhetoric in David Ray Griffin
The Mysterious Collapse of World Trade Center 7.

CMST—Communication Studies

Oral Presentation
10:10–10:30 • CMU 227

LeClaire, Simone

The Self in Relation to the Other: Recognizing Artificial Intelligence as Our Equal and as the Divine in Science Fiction Films

FILM—Film Studies

Oral Presentation
9:30–9:50 • Ballroom D

Ledezma, Jose

Pancho Villa and the Mexican Revolution

HIST—History

Oral Presentation
1:00–1:20 • LO 0104

Ledezma, Jose

Judaism in Late Antiquity

HIST—History

Oral Presentation
10:30–10:50 • LO 0104

Lendobeja, Maria

Music-Induced Hearing Loss and the Collegiate Musician

SLHS—Speech, Language & Hearing Science

Poster/Display #138
1:00–1:40 • CMU 2nd Floor Hallway

Libby, Sarah

Fa-So-La: The American Musical Tradition of Sacred Harp

MUS—Music

Oral Presentation
9:30–9:50 • LO 0108

Lien, Laura

What factors influence the location decisions of service-sector firms in Minnesota and North Dakota?

ECON—Economics

Oral Presentation
10:10–10:30 • Ballrom B

Livingood, Jennifer

Media's Influence on Body Image: An Eye Tracking Study

PSY—Psychology

Poster/Display #126
1:00–1:40 • CMU Main Lounge

Lloyd, Casey

Music's Effect on Helping Behavior in Second Life

PSY—Psychology

Poster/Display #124
1:00–1:40 • CMU 2nd Floor Hallway

Lobdell, Michael

Hijacking Cultural Momentum: Steinbeck's Use of the Archetypal Image of Christ in The Grapes of Wrath

ENGL—English

Oral Presentation
2:30–2:50 • CMU 101

Lock, Joanna

Farming Techniques in Costa Rica vs. United States

BIOL—Biology

Oral Presentation
2:30–2:50 • CMU 205

Lofgren, Tonia

Women's health-human papillomavirus

NURS—Nursing

Poster/Display #114
3:30–4:10 • CMU 2nd Floor Hallway

Lokenye, Christelle

HIV/AIDS: The silent threat to humanity.

HLTH—Health

Poster/Display #85
10:10–10:50 • CMU 2nd Floor Hallway

Lunn, Whitney

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13
10:10–10:50 • CMU 2nd Floor Hallway

Mack, Nathan

The Internet and International Security

POL—Political Science

Oral Presentation
1:40–2:00 • CMU 207

Conference Participants Listed Alphabetically by Last Name

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Mack, Megan

Fashion Through The Lens

ART—Art and Design

Oral Presentation

9:50–10:10 • CMU 203

Mackedanz, Karly

Hunger-Something to Grumble About

CMST—Communication Studies

Oral Presentation

1:40–2:00 • CMU 227

Madsen, Bradley

Li Hung-Chang, Sergei Witte and the Chinese Eastern Railway, 1887-1900

HIST—History

Oral Presentation

2:50–3:10 • LO 0104

Magrum, Briana

The Effect of Internet Use on Health

SOC—Sociology

Poster/Display #149

2:30–3:10 • CMU Main Lounge

Maharjan, Radha

Anemia

HLTH—Health

Poster/Display #84

9:30–10:10 • CMU Basement Hallway

Mahmood, Alexandra

Dazed and Confused

AT—Athletic Training

Poster/Display #19

10:10–10:50 • CMU Basement Hallway

Mani Subedi, Ishan

X-ray spectroscopy

PHYS—Physics

Poster/Display #119

3:30–4:10 • CMU 2nd Floor Hallway

Maninga, Fidelia

Benito Juarez

HIST—History

Oral Presentation

2:30–2:50 • LO 0104

Maninga, Fidelia

Decreasing child mortality in Africa through malaria prevention.

HLTH—Health

Poster/Display #1

9:30–10:10 • CMU Basement Hallway

Mann, Marcus

Dead Again: A Senior Seminar Film

FILM—Film Studies

Film Screening

9:30–9:50 • LO 0102

Manohar, Nivedha

In Silico Analysis and Molecular Dissection of the PPK:PKR Interaction

BIOL—Biology

Poster/Display #28

1:00–1:40 • CMU Basement Hallway

Marier, Cynthia

The Relationship with Smoking and your Health

SOC—Sociology

Poster/Display #146

2:30–3:10 • CMU 2nd Floor Hallway

Marketon, Jill

Alzheimer's Disease

HLTH—Health

Oral Presentation

10:30–10:50 • CMU 214

Marsh, Dan

How to Make and Use a Pin Hole Camera

ART—Art and Design

Table Display #12

10:10–10:50 • CMU 2nd Floor Hallway

Marshall, Glen

Government Nutritional Programs: Success of Failure?

SOC—Sociology

Poster/Display #148

10:10–10:50 • CMU 2nd Floor Hallway

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Marshall, Glen

Economic Development in Indian Country: Best Practices and Possibilities

ECON—Economics

Oral Presentation
9:30–9:50 • Ballrom B

Martinson, Sarah E.

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35
9:30–10:10 • CMU Basement Hallway

Martodam, Gregory

Concussions: Can the effects linger for decades?

AT—Athletic Training

Poster/Display #24
9:30–10:10 • CMU 2nd Floor Hallway

Marube, Finlay

Drifts and Shifts of Influenza Virus and Immune Response

BIOL—Biology

Poster/Display #46
10:10–10:50 • CMU Basement Hallway

Matson, April

The Land of 9,999 Lakes

ENGL—English

Oral Presentation
9:30–1:40 • CMU 101

Max Jeffrey, Collins

Sickle Cell Anemia

HLTH—Health

Oral Presentation
1:20–1:40 • CMU 214

McCallum, Peter

The U.S. Corporate Tax System: Is Uncle Sam Encouraging Investment Abroad?

ECON—Economics

Oral Presentation
1:20–1:40 • Ballrom A

McCartney, Chelsea

Cochlear Implants

SLHS—Speech, Language & Hearing Science

Poster/Display #137
9:30–10:10 • CMU 2nd Floor Hallway

Mccollam, Angela

*Preliminary genetic analysis of *Lasioglossum (Dialictus) spp.* (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.*

BIOL—Biology

Poster/Display #26
1:40–2:20 • CMU Basement Hallway

McIntire, Mark

Migraines

AT—Athletic Training

Poster/Display #23
1:00–1:40 • CMU 2nd Floor Hallway

Mehl, Christopher

Generating functions, and their relationship to convergent sequences.

MATH—Mathematics

Oral Presentation
9:50–10:10 • CMU 207

Meidinger, Sara

Obesity in the United States

HLTH—Health

Poster/Display #82
1:40–2:20 • CMU Basement Hallway

Menton, Lucas

Construction Management Capstone Experience - Multi-unit housing development

CM—Construction Management

Oral Presentation
3:30–3:50 • CMU 207

Metzger, Rachel

Effects of Employment on Minnesota State University Moorhead Students' Grades

ECON—Economics

Oral Presentation
1:00–1:20 • Ballrom B

Michaelson, Lindsey

Disappointing Maternal Death Rates in the United States

HLTH—Health

Oral Presentation
9:50–10:10 • CMU 214

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Michelson, Jessica A.

Effect of order of stimulus presentation on releaser-induced recognition learning

BIOL—Biology

Oral Presentation
10:30–10:50 • CMU 205

Michelson, Jessica

The effect of multiple infections of a brain-encysting trematode on the optomotor response of fathead minnows.

BIOL—Biology

Oral Presentation
9:30–9:50 • CMU 205

Michon, Tierney

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback
2:30–4:40 • Gaede Theatre

Mickelberg, Madalyn

Early Photographic Process: Van Dyke Brown.

ART—Art and Design

Poster/Display #15
10:10–10:50 • CMU Basement Hallway

Millard, Arkady

Case study: Antipsychotic Medication Induced Parkinsonism

NURS—Nursing

Poster/Display #103
9:30–10:10 • CMU 2nd Floor Hallway

Miller, Mitchell

The Extra-Amazing Adventures of Extraman and Extragirl

FILM—Film Studies

Oral Presentation
2:00–2:20 • LO 0102

Miller, Kimberly

STOP KISS

THTR—Theatre Arts

Theatre Performance
9:30–11:30 • Glasrud Auditorium in Weld Hall
NOTE: Performance may run over 90 minutes

Mitlyng, Lindsay

Organics and Inorganics of America and Costa Rica

BIOL—Biology

Oral Presentation
1:00–1:20 • CMU 205

Moenkedick, Molly

Medical-Surgical Nursing

NURS—Nursing

Poster/Display #105
1:00–1:40 • CMU 2nd Floor Hallway

Mohamed, Zuweina

The Role of Trade and Foreign Direct Investments in the Economic Growth of Sub-Saharan African Countries.

ECON—Economics

Oral Presentation
3:10–3:30 • Ballrom A

Mohamed, Aisha

Forensic Accounting: A Research Study

ACCT—Accounting

Oral Presentation
3:20–3:40 • LO 0108

Montbriand, Melissa

Geometric Constructions Using a Straightedge and a Compass

MATH—Mathematics

Oral Presentation
10:10–10:30 • CMU 207

Moore, Christopher

Magnetic Susceptibility and the Superconducting Transition

PHYS—Physics

Poster/Display #117
1:00–1:40 • CMU Main Lounge

Moore, Christopher

Nuclear Magnetic Resonance

PHYS—Physics

Poster/Display #121
1:00–1:40 • CMU 2nd Floor Hallway

Moore, Christopher

Gaussian Accelerator

PHYS—Physics

Poster/Display #115
10:10–10:50 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Moorhouse, Amy

The affects of exotic earthworms on Big Bluestem, Andropogon gerardii, prairie plants

BIOL—Biology

Poster/Display #36

2:30–3:10 • CMU Main Lounge

Morrison, Heather

Disappointing Maternal Death Rates in the United States

HLTH—Health

Oral Presentation

9:50–10:10 • CMU 214

Morseth, Zachary

Preparation of Tetrahydroisoquinoline-Derived Azomethine Ylide Dipoles and Investigation of their Cycloaddition to Unsaturated Acyl Pyrazolidinones

CHEM—Chemistry

Poster/Display #57

1:40–2:20 • CMU Basement Hallway

Munson, Jacquelyn

Caring for Patients in a Transcultural Nursing Setting

NURS—Nursing

Poster/Display #99

9:30–10:10 • CMU 2nd Floor Hallway

Muthukumarana, Tharaka

Cybercrime on Campus

ACCT—Accounting

Poster/Display #2

10:10–10:50 • CMU Basement Hallway

Muwahid, Tariq

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Nash, Karsten

*Preliminary genetic analysis of *Lasioglossum (Dialictus)* spp. (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.*

BIOL—Biology

Poster/Display #26

1:40–2:20 • CMU Basement Hallway

Nejo, Yusuke

Acupuncture in our lives

AT—Athletic Training

Poster/Display #25

9:30–10:10 • CMU Basement Hallway

Nelson, Kaitlyn

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

GEOS—Geoscience

Poster/Display #79

1:40–2:20 • CMU 2nd Floor Hallway

Nelson, Alyssa

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13

10:10–10:50 • CMU 2nd Floor Hallway



Conference Participants Listed Alphabetically by Last Name

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Nelson, Amber

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13

10:10–10:50 • CMU 2nd Floor Hallway

Nelson, Yalonda

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Nelson, Kelly

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Nguyen, Tony

Impact of NHE1 Phosphorylation by Ribosomal S-6 kinase and RhoA kinase on ERM binding and cell motility

CHEM—Chemistry

Poster/Display

1:00–1:40 • CMU 2nd Floor Hallway

Nies, Kirsten

Methicillin-Resistant Staphylococcus Aureus in the Fargo-Moorhead Region

HLTH—Health

Oral Presentation

9:30–9:50 • CMU 214

North, Heather

Shopping at Farmers Markets vs. Large Supermarkets

BIOL—Biology

Oral Presentation

1:40–2:00 • CMU 205

Nowacki, Amie

A New Procedure for the Acylation of Pyrazolidinone Rings Using Mukayamas Reagent

CHEM—Chemistry

Poster/Display #62

9:30–10:10 • CMU Basement Hallway

Nwabufo, Christian

Sickle Cell Anemia

HLTH—Health

Oral Presentation

1:20–1:40 • CMU 214

Nymark, Jessica

A Test For Phenotypic Plasticity In The Ontogeny of Skeletal Ossification in Larvae of Two Species of Cichlids

BIOL—Biology

Poster/Display #40

9:30–10:10 • CMU Basement Hallway

O'Brien, Dylan

Liking and Eroticism in Evaluations of the Visual Arts

PSY—Psychology

Poster/Display #133

1:00–1:40 • CMU Basement Hallway

O'Brien, Dylan

The Future of Time Perspective

PSY—Psychology

Poster/Display #134

2:30–3:10 • CMU Main Lounge

Ochs, Rachael

Cystic Fibrosis

AT—Athletic Training

Poster/Display #22

10:10–10:50 • CMU Basement Hallway

Olatunbosun, Margaret

HIV/AIDS: The silent threat to humanity.

HLTH—Health

Poster/Display #85

10:10–10:50 • CMU 2nd Floor Hallway

Olatunbosun, Margaret

Toward a Sustainable Textbook Future - The Free, Open, and Digital Revolution

ECON—Economics

Oral Presentation

9:30–9:50 • Ballrom A

Olson, Eric

Neologisms: the death of English and birth of new American

ANTH—Anthropology

Poster/Display #10

1:00–1:40 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Olson, Justin A.

Effect of order of stimulus presentation on releaser-induced recognition learning

BIOL—Biology

Oral Presentation

10:30–10:50 • CMU 205

Olson, Maggie

Shakespeare's The Merry Wives of Windsor: Adapting Shakespeare for Contemporary Audiences

THTR—Theatre Arts

Oral Presentation

2:10–2:30 • CMU 216

Olson, Alyssa

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Olson, Alisha

Childhood Obesity

HLTH—Health

Oral Presentation

1:00–1:20 • Ballroom D

Olson, Justin A.

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Olson, Justin

A test of a method for mass-training fish for applications in aquaculture.

BIOL—Biology

Oral Presentation

9:50–10:10 • CMU 205

O'Malley, Kaity

Graphic Design and the proper way to layout a poster

ART—Art and Design

Poster/Display #13

10:10–10:50 • CMU 2nd Floor Hallway

Page, Derek

Artistic Quality by Beauty and Interestingness

PSY—Psychology

Poster/Display #132

9:30–10:10 • CMU Basement Hallway

Palm, Sarah

The Psychology of Documentary Design

FILM—Film Studies

Oral Presentation

10:30–10:50 • LO 0102

Pandey, Shekhar

Childhood Obesity

HLTH—Health

Oral Presentation

1:00–1:20 • Ballroom D

Pantera, Harrison

Feeding level and size-pairing impacts on intraspecific competition between fathead minnows

BIOL—Biology

Poster/Display #32

10:10–10:50 • CMU Main Lounge

Parbhunath, Chitrasen

Henry David Thoreau's Vision of Man and Nature

ENGL—English

Oral Presentation

9:30–1:40 • CMU 101

Parsley, Carmen

Labor and Delivery Nursing: A Student's Perspective

NURS—Nursing

Poster/Display #112

1:00–1:40 • CMU Basement Hallway

Pates, Nicholas

Bumper Expectations: The Effect of Revenue Insurance on Yield Volatility

ECON—Economics

Oral Presentation

10:10–10:30 • Ballroom A

Paudel, Sunil

Nepal's Survival between two Giants(Nepal's foreign policy strategies vis-a-vis India and China)

INTL—International Studies

Oral Presentation

2:50–3:10 • CMU 208

Conference Participants Listed Alphabetically by Last Name

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Paudel, Sunil

Wine to Water

INTL—International Studies

Poster/Display #89

3:30–4:10 • CMU 2nd Floor Hallway

Peper, Jenna

Substance Abuse and Its Effects on the Population: An Epidemiological Approach.

HLTH—Health

Poster/Display #81

1:40–2:20 • CMU 2nd Floor Hallway

Peper, Jenna

The Influence of Alcohol Use on Health

SOC—Sociology

Poster/Display #145

2:30–3:10 • CMU Main Lounge

Perera, Atukoralage Indiwari

The Social Impact of Chernobyl Disaster

HIST—History

Oral Presentation

10:10–10:30 • Ballroom D

Perkins, Vanessa

*“A Fine Frenzy”: Gender Dynamics in
“A Midsummer Night’s Dream”*

ENGL—English

Oral Presentation

1:40–2:00 • CMU 101

Pigeon, Jered

*POST HIGH SCHOOL ASPIRATIONS OF
AMERICAN INDIAN STUDENTS*

PSY—Psychology

Oral Presentation

1:20–1:50 • CMU 216

Pimlott, Benjamin

Film 472 Advanced Video Production Client Videos

FILM—Film Studies

Oral Presentation

2:30–3:30 • LO 0101

Poepping, Sarah

*“Malleable”: A Presentation of Sarah
Poepping’s Photographic Series*

ART—Art and Design

Oral Presentation

10:10–10:30 • CMU 203

Pound, Crystal

“An Animal Kingdom of Mishaps”

ENGL—English

Oral Presentation

9:30–1:40 • CMU 101

Pudwill, Klarissa

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Pullen, Matthew

*Down the Tracks: An Ecocritical Examination of
Progress and Nature from Walden to Today*

ENGL—English

Oral Presentation

9:30–1:40 • CMU 101

Purdin, Sky

The Over Diagnosis of ADHD

SOC—Sociology

Oral Presentation

9:50–10:10 • CMU 208

Radenic, Sonny

*Testing Inheritability of Shy/Bold Personality
Traits in Zebrafish Offspring*

BIOL—Biology

Poster/Display #37

2:30–3:10 • CMU Main Lounge

Rahman, Fariha

Transition to Sustainable Energy

ECON—Economics

Poster/Display #73

3:30–4:10 • CMU Main Lounge

Rassat, Aaron

*Decreasing child mortality in Africa
through malaria prevention.*

HLTH—Health

Poster/Display #1

9:30–10:10 • CMU Basement Hallway

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Rastedt, DeAnna

Urban Canada Geese in Moorhead, Minnesota: How Many are Too Many?

BIOL—Biology

Poster/Display #33

3:30–4:10 • CMU Main Lounge

Rastedt, DeAnna

Urban Turkeys: Survey of Wild Turkey Distribution and Numbers, Human-Turkey Interactions, and Public Opinion in the Red River Valley in Cass (North Dakota) and Clay (Minnesota) Counties (2003-2010)

BIOL—Biology

Poster/Display #34

3:30–4:10 • CMU Main Lounge

Rastedt, DeAnna

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Raymo, Nikko

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Reiswig, Kegan

Does the National Basketball Association's Soft Salary Cap Increase Competitive Parity?

ECON—Economics

Oral Presentation

2:00–2:20 • Ballrom A

Remhof, Jessica

The Spanish Immersion Classroom and Beyond: An Investigation of Vocabulary Discrepancies

PSY—Psychology

Poster/Display #136

2:30–3:10 • CMU 2nd Floor Hallway

Remmick, Ashley D.

Urban Turkeys: Survey of Wild Turkey Distribution and Numbers, Human-Turkey Interactions, and Public Opinion in the Red River Valley in Cass (North Dakota) and Clay (Minnesota) Counties (2003-2010)

BIOL—Biology

Poster/Display #34

3:30–4:10 • CMU Main Lounge

Remmick, Ashley D.

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Resch, Joshua

Film 472 Advanced Video Production Client Videos

FILM—Film Studies

Oral Presentation

2:30–3:30 • LO 0101

Richgels, Holli

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Ridler, Joshua

Construction Management Capstone Experience - Multi-unit housing development

CM—Construction Management

Oral Presentation

3:30–3:50 • CMU 207

Riffle, Heidi

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Riffle, Heidi

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Rijal, Durga

HIV/AIDS: The silent threat to humanity.

HLTH—Health

Poster/Display #85

10:10–10:50 • CMU 2nd Floor Hallway

Ringgold, Jennifer D.

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Conference Participants Listed Alphabetically by Last Name

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Roach, Christopher

Supercross Track

CM—Construction Management

Poster/Display #71

1:40–2:20 • CMU 2nd Floor Hallway

Rodriguez, Gerardo

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

GEOS—Geoscience

Poster/Display #79

1:40–2:20 • CMU 2nd Floor Hallway

Rolando, Dominique

Hugo Chavez - The rise of a new age dictator

HIST—History

Oral Presentation

1:20–1:40 • LO 0104

Rolando, Dom

Honors Apprentices: Service and Challenge

HON—Honors

Oral Presentation

2:30–2:50 • CMU 227

Ross, Susan

Transcultural Nursing; What I thought I knew, what I learned, and the differences.

NURS—Nursing

Poster/Display #96

3:30–4:10 • CMU Main Lounge

Rossow, Shelby

Transcultural Nursing in Guatemala

NURS—Nursing

Poster/Display #94

3:30–4:10 • CMU Main Lounge

Rossow, Shelby Doris

Transcultural Nursing in Guatemala

NURS—Nursing

Poster/Display #93

3:30–4:10 • CMU Main Lounge

Rothberg, Eric

“The Surviving Chinese Jewish Community”

HIST—History

Oral Presentation

2:30–2:50 • CMU 216

Rottman, Carl

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Roy, Lyndsey

How you Read to Kids Matters: Efficacy of Specific Techniques in Repeated Read Alouds

PSY—Psychology

Poster/Display #128

1:00–1:40 • CMU Basement Hallway

Ruckdashel, Steven

Utilizing Microsoft Kinect Controller for Affordable Robotic Navigation

PHYS—Physics

Oral Presentation

10:10–10:30 • CMU 216

Rue, Jonathan

k-Fibonacci Numbers and Permutation Statistics

MATH—Mathematics

Oral Presentation

3:10–3:50 • CMU 207

Sadowski, Christina

Urban Canada Geese in Moorhead, Minnesota: How Many are Too Many?

BIOL—Biology

Poster/Display #33

3:30–4:10 • CMU Main Lounge

Sailer, Cory

Form to Form: Music and Art in the Baroque

MUS—Music

Oral Presentation

1:00–1:20 • LO 0108

Sailer, Cory

Testing Inheritability of Shy/Bold Personality Traits in Zebrafish Offspring

BIOL—Biology

Poster/Display #37

2:30–3:10 • CMU Main Lounge

Conference Participants Listed Alphabetically by Last Name

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Sam, Sabrina

Shining a Light on Acne

BIOL—Biology

Poster/Display #49

1:40–2:20 • CMU 2nd Floor Hallway

Sandifer, James

Music on the Brain

MUS—Music

Oral Presentation

2:00–2:20 • LO 0108

Saqlain, Murshid

Constructing a Walker Robot

PHYS—Physics

Poster/Display #120

10:10–10:50 • CMU Basement Hallway

Saue, Alicia

Prevent Deep Vein Thrombosis on a Medical/Surgical Flood

NURS—Nursing

Poster/Display #110

1:40–2:20 • CMU Basement Hallway

Sauer, Alane

A Test For Phenotypic Plasticity In The Ontogeny of Skeletal Ossification in Larvae of Two Species of Cichlids

BIOL—Biology

Poster/Display #40

9:30–10:10 • CMU Basement Hallway

Saul, Danielle

An Assessment on the Republican Candidates for the 2012 Election.

CMST—Communication Studies

Oral Presentation

1:20–1:40 • CMU 227

Savageau, Nicole

Parental teaching by fish biparental

BIOL—Biology

Poster/Display #39

1:40–2:20 • CMU Basement Hallway

Savageau, Nicole

Bi-Parental Teaching by Fish

BIOL—Biology

Poster/Display #41

9:30–10:10 • CMU Main Lounge

Schann, Allyson

Social Referencing During Inauthentic Emotional Situations

PSY—Psychology

Poster/Display #127

1:40–2:20 • CMU 2nd Floor Hallway

Schmaltz, Chelsea

How the Belief Involving Prozac Affects Health

SOC—Sociology

Poster/Display #154

10:10–10:50 • CMU 2nd Floor Hallway

Schmidkunz, Cortney

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Schmidkunz, Cortney

IF YOU GIVE A MOUSE A COOKIE

THTR—Theatre Arts

Theatre Performance

1:00–1:45 • Glasrud Auditorium in Weld Hall

Schmidt, Jacquelyn

Media's Influence on Body Image: An Eye Tracking Study

PSY—Psychology

Poster/Display #126

1:00–1:40 • CMU Main Lounge

Schmidt, Ashley

Health Literacy and Oncology Patient Education

NURS—Nursing

Poster/Display #95

10:10–10:50 • CMU 2nd Floor Hallway

Schnase, William

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Conference Participants Listed Alphabetically by Last Name

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Schotte, Phillip

Shopping at Farmers Markets vs. Large Supermarkets

BIOL—Biology

Oral Presentation

1:40–2:00 • CMU 205

Schotte, Phillip

Common Garden Experiment in Convict Cichlid

BIOL—Biology

Poster/Display #38

9:30–10:10 • CMU 2nd Floor Hallway

Schreifels, Michael

On the Trash Trail

GEOS—Geoscience

Oral Presentation

10:30–10:50 • Ballroom D

Schueller, Ivy

Designer Babies

CCGE—Corrick Center for General Education

Debate

2:50–3:20 • CMU 205

Schwab, Karryn

Health Among the Homeless

SOC—Sociology

Poster/Display #143

10:10–10:50 • CMU 2nd Floor Hallway

Schwab, Karryn

Childhood Obesity

HLTH—Health

Oral Presentation

1:00–1:20 • Ballroom D

Scott, Rebecca

How does religion, alcohol consumption, and socioeconomic status, affect the overall health of older adults?

SOC—Sociology

Poster/Display #156

10:10–10:50 • CMU 2nd Floor Hallway

Seidel, Ryan

Supercross Track

CM—Construction Management

Poster/Display #71

1:40–2:20 • CMU 2nd Floor Hallway

Shahi, Sagun

Colon Cancer

HLTH—Health

Oral Presentation

1:00–1:20 • CMU 214

Sherchan, Sujata

Forensic Accounting: A Research Study

ACCT—Accounting

Oral Presentation

3:20–3:40 • LO 0108

Sherven, Brittany

Preterm Births in the Scope of Epidemiology

HLTH—Health

Oral Presentation

10:10–10:30 • CMU 214

Shook, Parker

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Short, Amber

Comparing a Children's Film to the Literary Work that Inspired It

EECE—Elementary and Early Childhood Education

Poster/Display #74

9:30–10:10 • CMU 2nd Floor Hallway

Shrestha, Nasheeba

Cybercrime on Campus

ACCT—Accounting

Poster/Display #2

10:10–10:50 • CMU Basement Hallway

Sieben, James

Human Security and Societal Security Concerns in Post-Taliban Afghanistan

POL—Political Science

Oral Presentation

1:00–1:20 • CMU 207

Conference Participants Listed Alphabetically by Last Name

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Singh, Avantika

The Social Impact of Chernobyl Disaster

HIST—History

Oral Presentation

10:10–10:30 • Ballroom D

Smith, Crystal

Moorhead Gangs

CJ—Criminal Justice

Oral Presentation

3:20–3:40 • CMU 203

Sobolik, Dustin

The IMF and the Third World

POL—Political Science

Poster/Display #123

2:30–3:10 • CMU Main Lounge

Sorensen, Tyler

A Reappraisal of Voice-over Narration

FILM—Film Studies

Oral Presentation

10:10–10:30 • LO 0102

Sorenson, Heather

Match.com-What's your blood group?

BIOL—Biology

Poster/Display #48

1:00–1:40 • CMU Main Lounge

Soukup, Ryan

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Soukup, Ryan

IF YOU GIVE A MOUSE A COOKIE

THTR—Theatre Arts

Theatre Performance

1:00–1:45 • Glasrud Auditorium in Weld Hall

Spanier, Rebecca

Hunger-Something to Grumble About

CMST—Communication Studies

Oral Presentation

1:40–2:00 • CMU 227

Sperling, Luke

How Employment Opportunities

Affect University Retention

ECON—Economics

Oral Presentation

9:50–10:10 • Ballroom A

St. Sauver, Ashley

Naturschutz: Policy or Excuse? Examining the Environmental Policies of Germany's Nazi Regime.

HIST—History

Oral Presentation

2:00–2:20 • LO 0104

Stenger, Nancy

*Preliminary genetic analysis of *Lasioglossum (Dialictus) spp.* (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.*

BIOL—Biology

Poster/Display #26

1:40–2:20 • CMU Basement Hallway

Stenger, Nancy

Money Doesn't Grow on Trees: The environmental, economic, and global costs of deforestation in Costa Rica.

BIOL—Biology

Oral Presentation

2:00–2:20 • CMU 205

Stenger, James

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Stenson, Andrea

Post High School Aspirations of American Indian Students

PSY—Psychology

Oral Presentation

1:20–1:50 • CMU 216

Stewart-James, Samantha

Synthesis and Characterization of a Dye-Sensitizer

CHEM—Chemistry

Poster/Display #52

1:40–2:20 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

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Stommes, Caroline

The Musical of Musicals

THTR—Theatre Arts

Performance and Talkback

2:30–4:30 • Gaede Theatre

Sutrisno, Randy

Testing Inheritability of Shy/Bold Personality

Traits in Zebrafish Offspring

BIOL—Biology

Poster/Display #37

2:30–3:10 • CMU Main Lounge

Sutrisno, Randy

Common Garden Experiment in Convict Cichlid

BIOL—Biology

Poster/Display #38

9:30–10:10 • CMU 2nd Floor Hallway

Swanson, Courtney

Childhood Obesity

HLTH—Health

Oral Presentation

1:00–1:20 • Ballroom D

Tandukar, Smita

Childhood Obesity

HLTH—Health

Poster/Display #83

9:30–10:10 • CMU 2nd Floor Hallway

Tandukar, Smita

Sickle Cell Anemia

HLTH—Health

Oral Presentation

1:20–1:40 • CMU 214

Tanselle, Brett

Preserving the Past for the Future:

Curation in Archaeological Practice

ANTH—Anthropology

Poster/Display #4

1:40–2:20 • CMU Basement Hallway

Teo, Wesley

Gaussian Accelerator

PHYS—Physics

Poster/Display #115

10:10–10:50 • CMU 2nd Floor Hallway

Teo, Wesley

Bragg Scattering and Atomic Force Microscopy

PHYS—Physics

Poster/Display #116

9:30–10:10 • CMU Main Lounge

Thapa, Sunita

Anemia

HLTH—Health

Poster/Display #84

9:30–10:10 • CMU Basement Hallway

Thein, John

Guatemala's Road to Development:

An Economic Assessment.

ECON—Economics

Oral Presentation

3:30–3:50 • Ballrom A

Thielges, Moriah

"The Power Of Questions:

Divergent Thought in the 21st Century"

ART—Art and Design

Oral Presentation

2:30–2:50 • CMU 203

Thomas, Isaac

Obesity in the United States

HLTH—Health

Poster/Display #82

1:40–2:20 • CMU Basement Hallway

Thorson, Amy

The Relationship Between Poverty,

Social Class, and Overall Health

SOC—Sociology

Poster/Display #139

2:30–3:10 • CMU Main Lounge

Thorstad, Kai

The Necessity of Nature Writing

ENGL—English

Oral Presentation

9:30–1:40 • CMU 101

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Thuen, Aaron

What's that Noise?

MUS—Music

Oral Presentation

2:50–3:10 • LO 0108

Thyssel, Rachel

Conic Sections in the Taxicab Plane

MATH—Mathematics

Oral Presentation

10:30–10:50 • CMU 207

Tiegs-Marquardt, Taunia

The Internet and Pedophiles: Are Your Children at Risk?

MC —Mass Communications

Oral Presentation

2:50–3:10 • CMU 227

Tollefson, Christopher

Wagner's Mythology

MUS—Music

Oral Presentation

9:50–10:10 • LO 0108

Toren, Michelle M.

Effect of order of stimulus presentation on releaser-induced recognition learning

BIOL—Biology

Oral Presentation

10:30–10:50 • CMU 205

Toren, Michelle

Decreasing child mortality in Africa through malaria prevention.

HLTH—Health

Poster #1

9:30–10:10 • CMU Basement Hallway

Toren, Michelle

*Behavioral modifications of *Pimephales promelas* infected with the brain parasite *Ornithodiplostomum ptychocheilus* in response to light cues.*

BIOL—Biology

Poster/Display #50

9:30–10:10 • CMU Main Lounge

Tostenrud, Scott

Dead Again: A Senior Seminar Film

FILM—Film Studies

Film Screening

9:30–9:50 • LO 0102

Trosdahl, Laura

Expansion Outlook: Fergus Falls, MN

ECON—Economics

Oral Presentation

2:30–2:50 • Ballrom A

Troyer, Kaeley

Obesity in the United States

HLTH—Health

Poster/Display #82

1:40–2:20 • CMU Basement Hallway

Truitt, Danielle

Preserving the Past for the Future: Curation in Archaeological Practice

ANTH—Anthropology

Poster/Display #4

1:40–2:20 • CMU Basement Hallway

Undersander, Kiaja

*Experimental infection of fat head minnows, *Pimphelas promelas*, with the brain worm *Ornithodiplostomum ptychocheilus*, and testing if the infection leads to chemical signals being released from the infected fish*

BIOL—Biology

Poster/Display #51

10:10–10:50 • CMU Main Lounge

Undersander, Kiaja R.

Effect of order of stimulus presentation on releaser-induced recognition learning

BIOL—Biology

Oral Presentation

10:30–10:50 • CMU 205

Unterseher, Bobbi Jo

Alzheimer's Disease

HLTH—Health

Oral Presentation

10:30–10:50 • CMU 214

Upadhyay, Richa

Women Rights and Gender Inequality in Afghanistan.

INTL—International Studies

Poster/Display #88

3:30–4:10 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Vandal, Brent

Feeding level and size-pairing impacts on intraspecific competition between fathead minnows

BIOL—Biology

Poster/Display #32

10:10–10:50 • CMU Main Lounge

Varvin, John

STOP KISS

THTR—Theatre Arts

Theatre Performance

9:30–11:30 • Glasrud Auditorium in Weld Hall

NOTE: Performance may run over 90 minutes

Vavrin, John

IF YOU GIVE A MOUSE A COOKIE

THTR—Theatre Arts

Theatre Performance

1:00–1:45 • Glasrud Auditorium in Weld Hall

Volrath, Amanda

Care of a Cancer Patient with Pain

NURS—Nursing

Poster/Display #111

9:30–10:10 • CMU 2nd Floor Hallway

Wack, Catherine

A Disappearing and Reappearing Act: The Iconic Beard of Ancient Egyptian Pharaohs

ART—Art and Design

Oral Presentation

10:30–10:50 • CMU 203

Walker, Jasen

Improved Procedures for the N-Alkylation of Pyrazolidinone Rings Using Aldehydes and Sodium Borohydride

CHEM—Chemistry

Poster/Display #58

2:00–2:40 • CMU Basement Hallway

Walker, Jasen

Emergence of Antiviral Drug Resistance in Herpesviruses

BIOL—Biology

Oral Presentation

1:20–1:40 • CMU 205

Walker, Jasen L.

Urban Turkeys: Survey of Wild Turkey Distribution and Numbers, Human-Turkey Interactions, and Public Opinion in the Red River Valley in Cass (North Dakota) and Clay (Minnesota) Counties (2003-2010)

BIOL—Biology

Poster/Display #34

3:30–4:10 • CMU Main Lounge

Walker, Jason L.

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL—Biology

Poster/Display #35

9:30–10:10 • CMU Basement Hallway

Walseth, Chase

NAFTA: Negative effects on Mexico “The positive and

negative effects that NAFTA has had on Mexico”.

INTL—International Studies

Oral Presentation

2:00–2:20 • CMU 214

Wallenborn, Jordyn

Transition from Childhood to Adulthood for Autistic Individuals

HLTH—Health

Oral Presentation

1:40–2:00 • CMU 214

Wallenborn, Jordyn

Educational Levels Adverse Affect on Health

SOC—Sociology

Poster/Display

10:10–10:50 • CMU Basement Hallway

Walsh, Rachel

*Preliminary genetic analysis of *Lasioglossum (Dialictus) spp.* (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.*

BIOL—Biology

Poster/Display #26

1:40–2:20 • CMU Basement Hallway

Walski, Abbey

The Role of NHE in Directional Cellular Migration

BIOL—Biology

Poster/Display #44

2:30–3:10 • CMU 2nd Floor Hallway

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Weets, Troy

The Media Wargames of Peter Watkins

FILM—Film Studies

Oral Presentation

9:50–10:10 • LO 0102

Weidman, Cory

Assessment of Rsk and Rock Phosphorylation of NHE1 on Cell Proliferation and Migration.

CHEM—Chemistry

Poster/Display #65

9:30–10:10 • CMU Basement Hallway

Weir, Nicholas

Magnetic Moment

PHYS—Physics

Poster/Display #118

1:00–1:40 • CMU Main Lounge

Weir, Nicholas

Recursive Ambiophonic Crosstalk Elimination

PHYS—Physics

Poster/Display #122

1:40–2:20 • CMU Main Lounge

Weir, Nicholas

Gaussian Accelerator

PHYS—Physics

Poster/Display #115

10:10–10:50 • CMU 2nd Floor Hallway

Welgraven, Christina

The Virgin of Guadalupe: Syncretic Figure of Mexican Catholicism

HIST—History

Oral Presentation

9:30–9:50 • LO 0104

Welin, Emily

Return to the Farm

ENGL—English

Oral Presentation

9:30–1:40 • CMU 101

Wenner, Jennifer

Social Referencing During Inauthentic Emotional Situations

PSY—Psychology

Poster/Display #127

1:40–2:20 • CMU 2nd Floor Hallway

Wentworth, Melissa

Wedding Photography by MwPhotography

ART—Art and Design

Table Display

3:30–4:10 • CMU 2nd Floor Hallway

Werk, Joshua

Whats So Fishy About Fish Oils

AT—Athletic Training

Poster/Display #18

3:30–4:10 • CMU 2nd Floor Hallway

Wicklund, Rebekah

The Cultural Relevance of Comics

ART—Art and Design

Oral Presentation

1:00–2:20 • CMU 203

Wiczek, Jacob

Spanish Conquistadors: Society Before and After Conquest.

HIST—History

Oral Presentation

9:50–10:10 • LO 0104

Wiest, Andrea

Preterm Births in the Scope of Epidemiology

HLTH—Health

Oral Presentation

10:10–10:30 • CMU 214

Winter, Jenna

Cardiovascular Disease

NURS—Nursing

Poster/Display #106

9:30–10:10 • CMU Main Lounge

Wittner, Abbi

Does Piagetian Cognitive Ability Level Affect Student Ability To Accurately Perceive And Interpret Environmental Threats?

CHEM—Chemistry

Oral Presentation

9:30–9:50 • CMU 207

Conference Participants Listed Alphabetically by Last Name

Times and locations may have changed since the publication of this document. Please click on the Dragon logo at the bottom of the page to go to the Student Academic Conference website for the most up-to-date information.

Wohlhuter, Amy

Methicillin-Resistant Staphylococcus Aureus in the Fargo-Moorhead Region

HLTH—Health

Oral Presentation

9:30–9:50 • CMU 214

Wohnoutka, Kyle

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

GEOS—Geoscience

Poster/Display #79

1:40–2:20 • CMU 2nd Floor Hallway

Wold, Lauren

It's Like A Stoner's Paradise Man

SOC—Sociology

Oral Presentation

1:20–1:40 • CMU 208

Wright, Robert

University Housing Policy and the Bottom Line: Strange Bedfellows or Not?

ECON—Economics

Oral Presentation

9:50–10:10 • Ballrom B

Zenk, Amanda

The Rights of Indigenous people within the framework of International Organizations and Non-governmental organizations.

INTL—International Studies

Poster/Display #90

2:30–3:10 • CMU 2nd Floor Hallway

Zeppelin, Jessica

The Boy with Stumbling Blocks

FILM—Film Studies

Oral Presentation

1:20–1:40 • LO 0102

Theater Performance

9:30–11:30

STOP KISS

THTR – Theatre Arts

Glasrud Auditorium in Weld Hall.

NOTE: Performance may run over 90 minutes

Carl Rottman, John Varvin,
Cheyne King, Ryan Soukup,
Cortney Schmidkunz, Kimberly
Miller, Sarah Chamma, Heidi
Riffle, Meagan Kedrowski,
Carielle Henry, Amber Bracken,
Parker Shook, Cheyne King,
Dustin Beck, Kelly Nelson

Oral Presentation

9:30–1:40

An Animal Kingdom of Mishaps

ENGL – English

CMU 101

Crystal Pound

Down the Tracks: An Ecocritical Examination of Progress and Nature from Walden to Today

ENGL – English

CMU 101

Matthew Pullen

Henry David Thoreau's Vision of Man and Nature

ENGL – English

CMU 101

Chitrasen Parbhunath

Return to the Farm

ENGL – English

CMU 101

Emily Welin

The Land of 9,999 Lakes

ENGL – English

CMU 101

April Matson

The Necessity of Nature Writing

ENGL – English

CMU 101

Kai Thorstad

Film Screening

9:30–9:50

Dead Again: A Senior Seminar Film

FILM – Film Studies

LO 0102

Marcus Mann, Scott Tostenrud

Oral Presentation

9:30–9:50

Discovering Bangladesh: Halfway Around The World

CMST – Communication Studies

CMU 227

Tony Dahlen

Does Piagetian Cognitive Ability Level Affect Student Ability To Accurately Perceive And Interpret Environmental Threats?

CHEM – Chemistry

CMU 207

Amanda Fay, Abbi
Wittner, David Bye

Economic Development in Indian Country: Best Practices and Possibilities

ECON – Economics

Ballrom B

Glen Marshall

Fa-So-La: The American Musical Tradition of Sacred Harp

MUS – Music

LO 0108

Sarah Libby

Introducing Tibet

PHIL – Philosophy

CMU 216

Sonam Dekyi

Lasting Projects of the New Deal in Fargo/Moorhead

ART – Art and Design

CMU 203

Jessica Lambertz



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**PRESENTATIONS
LISTED BY TIME**

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Methicillin-Resistant Staphylococcus Aureus in the Fargo-Moorhead Region

HLTH – Health
CMU 214

Amy Lavalla, Amy Wohlhuter,
Brooke Harris, Kirsten
Nies, Amy LaValla

The effect of multiple infections of a brain-encysting trematode on the optomotor response of fathead minnows.

BIOL – Biology
CMU 205

Jessica Michelson

The Higher Immorality: An In-Depth Socio-Historical Analysis of Journalism in the United States.

SOC – Sociology
CMU 208

Suzanne Al-Kayali

The Self in Relation to the Other: Recognizing Artificial Intelligence as Our Equal and as the Divine in Science Fiction Films

FILM – Film Studies
Ballroom D

Simone LeClaire

The Virgin of Guadalupe: Syncretic Figure of Mexican Catholicism

HIST – History
LO 0104

Christina Welgraven

Toward a Sustainable Textbook Future - The Free, Open, and Digital Revolution

ECON – Economics
Ballroom A

Allison Goldberg, Kyle Blake,
Margaret Olatunbosun

Poster Displays

9:30 – 10:10

A Decade of Painted Turtle Ecology in Clay County, Minnesota What Have We Learned?

BIOL – Biology
Poster #35
CMU Basement Hallway

DeAnna Rastedt, Ashley D.
Remmick, Nicole D. Brokmeier,
Justin A. Olson, Jason L.
Walker, Jennifer D. Ringgold,
Sarah E. Martinson

A New Procedure for the Acylation of Pyrazolidinone Rings Using Mukayamas Reagent

CHEM – Chemistry
Poster #63
CMU Basement Hallway

Amie Nowacki

A New Procedure for the Acylation of Pyrazolidinone Rings Using Mukayamas Reagent

CHEM – Chemistry
Poster #62
CMU Basement Hallway

Amie Nowacki

A Novel Method to Generate IR Spectra of Solutes in Solution State

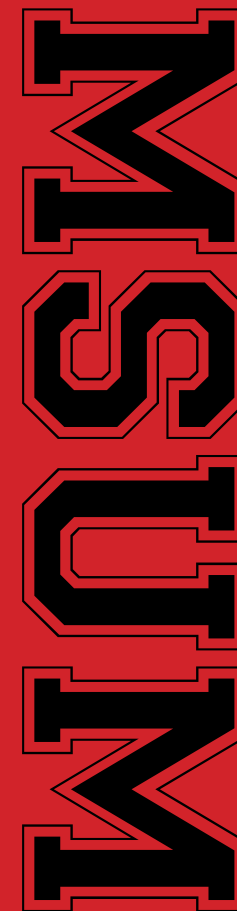
CHEM – Chemistry
Poster #53
CMU Basement Hallway

Etsehiwot Gebreselassie,
Ruvimbo Chitemere

A Test For Phenotypic Plasticity In The Ontogeny Of Skeletal Ossification In Larvae Of Two Species of Cichlids

BIOL – Biology
Poster #40
CMU Basement Hallway

Feba Hauer, Kevin Kinter, Alane
Sauer Jessica Nymark, Kevin Kinter



**PRESENTATIONS
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A Transcultural Nursing Experience in Nicaragua

NURS – Nursing

Poster #91

CMU Basement Hallway

Piper DeLaPointe, Heather Erickson, Piper DeLaPointe

Acupuncture in our lives

AT – Athletic Training

Poster #25

CMU Basement Hallway

Yusuke Nejo

Analyzing a Synecdoche

FILM – Film Studies

Poster #76

CMU Basement Hallway

Nicholas Collins

Anemia

HLTH – Health

Poster #84

CMU Basement Hallway

Pragya Devkota, Sunita Thapa, Radha Maharjan

Artistic Quality by Beauty and Interestingness

PSY – Psychology

Poster #132

CMU Basement Hallway

Derek Page

Artistic Quality by Complexity and Type of Emotion.

PSY – Psychology

Poster #131

CMU Basement Hallway

Grant Cameron

Assessment of Rsk and Rock Phosphorylation of NHE1 on Cell Proliferation and Migration.

CHEM – Chemistry

Poster #65

CMU Basement Hallway

Cory Weidman

Autonomic Dysreflexia: A life threatening medical condition

NURS – Nursing

Poster #92

CMU Basement Hallway

Sanjog Dhungana, Sachin Bhandari

Bacillus

BIOL – Biology

Poster #47

CMU Basement Hallway

Dana Dugger

Behavioral modifications of Pimephales promelas infected with the brain parasite Ornithodiplostomum ptychocheilus in response to light cues.

BIOL – Biology

Poster #50

CMU MaIn Lounge

Michelle Toren

Bi-Parental Teaching by Fish

BIOL – Biology

Poster #41

CMU MaIn Lounge

Nicole Savageau, Kim Fritel

Bragg Scattering and Atomic Force Microscopy

PHYS – Physics

Poster #116

CMU MaIn Lounge

Victoria Honetschlager, Pragalv Karki, Wesley Teo

Capstone Experience— BDM Constructors

CM – Construction Management

Poster #70

CMU MaIn Lounge

Bryan Franklin, Michael Kirby, Derek Bomstad

Cardiovascular Disease

NURS – Nursing

Poster #106

CMU MaIn Lounge

Jenna Winter

Care of a Cancer Patient with Pain

NURS – Nursing

Poster #111

CMU 2nd Floor Hallway

Amanda Volrath



PRESENTATIONS LISTED BY TIME

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Caring for Patients in a Transcultural Nursing Setting

NURS – Nursing

Poster #99

CMU 2nd Floor Hallway

Jacquelyn Munson, Lordes Garcia

Caring for the Aging Population in a Rural Community: A Nursing Perspective

NURS – Nursing

Poster #107

CMU 2nd Floor Hallway

Kaley Fisk

Case study: Antipsychotic Medication Induced Parkinsonism

NURS – Nursing

Poster #103

CMU 2nd Floor Hallway

Arkady Millard

Chasing Lincoln's Killer

ENGL – English

Poster #75

CMU 2nd Floor Hallway

Hannah Frink

Childhood Obesity

HLTH – Health

Poster #83

CMU 2nd Floor Hallway

Sanju Basnet, Kody Hass, Nabin Dangi, Smita Tankdukar

CM496 Downtown Moorhead Project

CM – Construction Management

Poster #68

CMU 2nd Floor Hallway

Anthony Erickson, Adam Brammer

Cochlear Implants

SLHS – Speech, Language & Hearing Science

Poster #137

CMU 2nd Floor Hallway

Chelsea McCartney

Common Causes and Treatment for Chest Pain

NURS – Nursing

Poster #102

CMU 2nd Floor Hallway

Rachel Carry

Common Garden Experiment in Convict Cichlid

BIOL – Biology

Poster #38

CMU 2nd Floor Hallway

Randy Sutrisno, Phillip Schotte

Community Acquired Methicillin Resistant Staphylococcus aureus.

NURS – Nursing

Poster #97

CMU 2nd Floor Hallway

Aron Ellingson

Comparing a Children's Film to the Literary Work that Inspired It

EECE – Elementary and Early Childhood Education

Poster #74

CMU 2nd Floor Hallway

Amber Short

Concussions: Can the effects linger for decades?

AT – Athletic Training

Poster #24

CMU 2nd Floor Hallway

Gregory Martodam

Conjugate Addition of Malononitrile to Unsaturated Carbonyls

CHEM – Chemistry

Poster #59

CMU 2nd Floor Hallway

Kiesha Bullock

Decreasing child mortality in Africa through malaria prevention.

HLTH – Health

Poster #1

CMU Basement Hallway

Arati Gurung, Brittany Harris, Aaron Rassat, Michelle Toren, Fidelia Maninga



MSUM

PRESENTATIONS LISTED BY TIME

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Investigation of calcineurin B homologous protein isoform 2 regulation of Na⁺/H⁺ exchanger. A potential novel therapeutic target to treat non-small cell lung cancer.

CHEM – Chemistry
Poster #161
CMU Basement Hallway

Kristina Anderson

Oral Presentation

9:50–10:10

A Critical Analysis of Descartes' Claim that 'Animals are Machines'

PHIL – Philosophy
CMU 216

Adam Hasbargen

A Postmodern Pyramid: The Rhetoric in Radiohead's Pyramid Song

CMST – Communication Studies
CMU 227

Grant Ertl

A test of a method for mass-training fish for applications in aquaculture.

BIOL – Biology
CMU 205

Justin Olson

Disappointing Maternal Death Rates in the United States

HLTH – Health
CMU 214

Samantha Kundinger, Sara Formanek, Lindsey Michaelson, Heather Morrison

Fashion Through The Lens

ART – Art and Design
CMU 203

Traci Burke, Megan Mack

Generating functions, and their relationship to convergent sequences.

MATH – Mathematics
CMU 207

Christopher Mehl

How Employment Opportunities Affect University Retention

ECON – Economics
Ballrom A

Luke Sperling

Lineage: Shooting on Location

FILM – Film Studies
Ballroom D

Joseph Kramer, Tara Kramer

Spanish Conquistadors: Society Before and After Conquest.

HIST – History
LO 0104

Jacob Wiczek

The Media Wargames of Peter Watkins

FILM – Film Studies
LO 0102

Troy Weets

The Over Diagnosis of ADHD

SOC – Sociology
CMU 208

Sky Purdin

University Housing Policy and the Bottom Line: Strange Bedfellows or Not?

ECON – Economics
Ballrom B

Robert Wright

Wagner's Mythology

MUS – Music
LO 0108

Christopher Tollefson

Oral Presentations

10:10–10:30

"Malleable": A Presentation of Sarah Poepping's Photographic Series

ART – Art and Design
CMU 203

Sarah Poepping



PRESENTATIONS LISTED BY TIME

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A Reappraisal of Voice-over Narration

FILM – Film Studies
LO 0102

Tyler Sorensen

Bumper Expectations: The Effect of Revenue Insurance on Yield Volatility

ECON – Economics
Ballrom A

Nicholas Pates

Do trematode cercariae, Ornithodiplostomum ptychocheilus, employ inclusive fitness by acting as a food source for their intermediate host fathead minnow, Pimephales promelas?

BIOL – Biology
CMU 205

Tara Eichhorn

Geometric Constructions Using a Straightedge and a Compass

MATH – Mathematics
CMU 207

**Madison Brantner,
Melissa Montbriand**

Hideyoshi Toyotomi - Policy and Politics in the Warring States period.

HIST – History
LO 0104

Shane Brownell

Identifying characteristics of conspiracy rhetoric in David Ray Griffin's The Mysterious Collapse of World Trade Center 7.

CMST – Communication Studies
CMU 227

Matthew Lech

Modern Jazz Bass: Improvisational styles on the double bass

MUS – Music
LO 0108

Maxfield Johnk

Preterm Births in the Scope of Epidemiology

HLTH – Health
CMU 214

Tiara Bowman, Brittany Sherven, Andrea Wiest

The Relationships between Income and Health Insurance

SOC – Sociology
CMU 208

Dustin Beachem

The Social Impact of Chernobyl Disaster

HIST – History
Oral Presentation
Ballroom D

Avantika Singh, Atukoralage Indiwari Perera

Utilizing Microsoft Kinect Controller for Affordable Robotic Navigation

PHYS – Physics
CMU 216

Steven Ruckdashel

What factors influence the location decisions of service-sector firms in Minnesota and North Dakota?

ECON – Economics
Ballrom B

Laura Lien

Poster Displays 10:10–10:50

Conjugate Additions to Unsaturated Carbonyls

Poster/Display

CHEM – Chemistry
Poster #61
CMU Basement Hallway
Pedro Flores Gallardo

Constructing a Walker Robot

PHYS – Physics
Poster #120
CMU Basement Hallway
Murshid Saqlain



PRESENTATIONS LISTED BY TIME

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Copper(II) Complexes of Pyridine-2, 6-bisamide Ligands

CHEM – Chemistry

Poster #54

CMU Basement Hallway

Kaitlyn Funk, Michelle Branch

Cybercrime on Campus

ACCT – Accounting

Poster #2

CMU Basement Hallway

**Tharaka Muthukumarana,
Nasheeba Shrestha**

Cystic Fibrosis

AT – Athletic Training

Poster #22

CMU Basement Hallway

Rachael Ochs

Dazed and Confused

AT – Athletic Training

Poster #19

CMU Basement Hallway

Alexandra Mahmood

Does medical school cause health issues from stress and anxiety during the course of their schooling?

SOC – Sociology

Poster #140

CMU Basement Hallway

Brittany Harris, Ronak Habib

Does population carrying capacity in protists scale exponentially with temperature?

BIOL – Biology

Poster #31

CMU Basement Hallway

**Ariel Gray, Ashlyn Kuklock,
Jaclynn Kuklock**

Does the amount of how much or how little sleep you get affect your health and overall health, more so for woman or men?

SOC – Sociology

Poster #144

CMU Basement Hallway

Kayla Abele

Domestic Violence and Health

SOC – Sociology

Poster #150

CMU Basement Hallway

Rachel Johnson

Drifts and Shifts of Influenza Virus and Immune Response

BIOL – Biology

Poster #46

CMU Basement Hallway

Finlay Marube

Early Photographic Process: Van Dyke Brown.

ART – Art and Design

Poster #15

CMU Basement Hallway

Kelsey Cain, Madalyn Mickelberg

Educational Levels Adverse Affect on Health

SOC – Sociology

Poster #152

CMU Basement Hallway

**Chiranthana Dissanayake,
Jordyn Wallenborn**

Effects of long-term unemployment on nutrition and health.

SOC – Sociology

Poster #155

CMU Basement Hallway

Chris Engelhorn

EM Survey at Historic Moorhead Site

ANTH – Anthropology

Poster #6

CMU Basement Hallway

Ashleigh Day

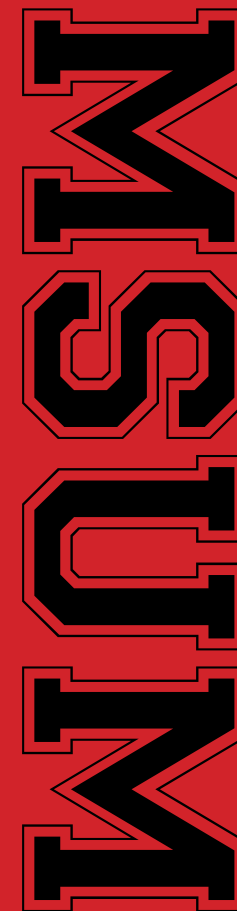
Evidence Based Practice in the Management of Acute Alcohol Detoxification

NURS – Nursing

Poster #104

CMU MaIn Lounge

Courtney Covey



**PRESENTATIONS
LISTED BY TIME**

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Experimental infection of fat head minnows, Pimphelas promelas, with the brain worm Ornithodiplostomum ptychocheilus, and testing if the infection leads to chemical signals being released from the infected fish

BIOL – Biology
Poster #51
CMU MaIn Lounge

Kiaja Undersander

Exploration of the relationship between the Cassava plant to the Taino people of the Greater Antilles.

BIOL – Biology
Poster #27
CMU MaIn Lounge

Kimberly Iwen, Nathaniel Jacob Arneson

Feeding level and size-pairing impacts on intraspecific competition between fathead minnows

BIOL – Biology
Poster #32
CMU MaIn Lounge

Harrison Pantera, Brent Vandal

Fort “Desolation” ND: Mortuary Analysis and Culture

ANTH – Anthropology
Poster #5
CMU MaIn Lounge

Larissa Harris, Jenna Clawson

Gaussian Accelerator

PHYS – Physics
Poster #115
CMU 2nd Floor Hallway

Wesley Teo

Gender Among The Lakota

ANTH – Anthropology
Poster #9
CMU 2nd Floor Hallway

Robert Jacobson

“Getting to Know You: Differing Perceptions of Online verses Face-to-face Self-Disclosures and Satisfaction in College Females

PSY – Psychology
Poster #130
CMU 2nd Floor Hallway

Lexi Heringer

Government Nutritional Programs: Success of Failure?

SOC – Sociology
Poster #148
CMU 2nd Floor Hallway

Glen Marshall

Graphic Design and the proper way to layout a poster

ART – Art and Design
Poster #13
CMU 2nd Floor Hallway

Katie Hamness, Kaity O’Malley, Amber Nelson, Jacob Christenson , Whitney Lunn

Hands-on cultural learning; the story of a birch bark lodge

ANTH – Anthropology
Poster #8
CMU 2nd Floor Hallway

Athena Aitken

Happiness for a sound mind

SOC – Sociology
Poster #147
CMU 2nd Floor Hallway

Arati Gurung

Health Among the Homeless

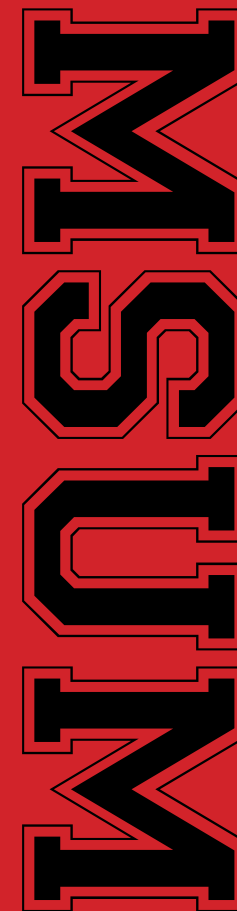
SOC – Sociology
Poster #143
CMU 2nd Floor Hallway

Karryn Schwab

Health Literacy and Oncology Patient Education

NURS – Nursing
Poster #95
CMU 2nd Floor Hallway

Ashley Schmidt



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Heath Insurance Coverage and Overall Health

SOC – Sociology

Poster #151

CMU 2nd Floor Hallway

Wendy LeBrun

High-yield synthesis of the semicarbazide adduct of cyanoborane

CHEM – Chemistry

Poster #55

CMU 2nd Floor Hallway

Ismael Banla, Taehyun Kim

HIV/AIDS: The silent threat to humanity.

HLTH – Health

Poster #85

CMU 2nd Floor Hallway

Margaret Olatunbosun,
Durga Rijal, Christelle
Lokenye, Landon Dybdal

How does religion, alcohol consumption, and socioeconomic status, affect the overall health of older adults?

SOC – Sociology

Poster #156

CMU 2nd Floor Hallway

Rebecca Scott

How the Belief Involving Prozac Affects Health

SOC – Sociology

Poster #154

CMU 2nd Floor Hallway

Chelsea Schmaltz

How to Make and Use a Pin Hole Camera

ART – Art and Design

Table Display

CMU 2nd Floor Hallway

Tiffany Boecker, Kayla
Lagred, Dan Marsh

A Disappearing and Reappearing Act: The Iconic Beard of Ancient Egyptian Pharaohs

ART – Art and Design

CMU 203

Catherine Wack

Oral Presentations 10:30 - 10:50

Alzheimer's Disease

HLTH – Health

CMU 214

Jill Marketon, Bobbi Jo Unterseher,
Katie Kne, Angela Jetvig

Beautifully Bald: Learning to Live with Alopecia through Self-Disclosure and Friendship

CMST – Communication Studies

CMU 227

Brittany Lazur, Courtney Johnson

Conic Sections in the Taxicab Plane

MATH – Mathematics

CMU 207

Alyssa Day, Rachel Thysell

Detecting How Isotope Decay Affects PET/CT Imaging

PHYS – Physics

CMU 216

Kristin Brevik

Determinants of the Price of Smartphones

ECON – Economics

Ballrom A

Robert Eden

Effect of order of stimulus presentation on releser-induced recognition learning

BIOL – Biology

CMU 205

Tara Eichhorn, Jessica
A Michelson, Justin A
Olson, Michelle M Toren,
Kiaja R Undersander



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Importance of Education and Health

SOC – Sociology
CMU 208

Brian Kariuki

In-Kind Transfers of Payment

ECON – Economics
Ballrom B

Joseph Bottrell

Judaism in Late Antiquity

HIST – History
LO 0104

Jose Ledezma

Make a Jazz Noise Here: The Music of Frank Zappa

MUS – Music
LO 0108

Scott Kendall

The Psychology of Documentary Design

FILM – Film Studies
LO 0102

Sarah Palm

On the Trash Trail

GEOS – Geoscience
Ballroom D

Michael Schreifels

Theatre Performance

1:00–1:45

IF YOU GIVE A MOUSE A COOKIE

THTR – Theatre Arts
Gladsrud Auditorium in Weld Hall

John Vavrin, Cheyne King,
Ryan Soukup, Courtney
Schmidkunz, Erin Granger

Oral Presentations

1:00–1:20

“The Unseen”

FILM – Film Studies
LO 0102

Ashley Alsum

Childhood Obesity

HLTH – Health
Oral Presentation
Ballroom D
Karryn Schwab, Shekhar Pandey,
Alisha Olson, Courtney Swanson

Colon Cancer

HLTH – Health
CMU 214

Kristen Bongard, Sagun Shahi,
Lhemi Lama, Jessica Fjeld

Effects of Employment on Minnesota State University Moorhead Students’ Grades

ECON – Economics
Ballrom B

Rachel Metzger

Every Drop Counts: An Analysis of International Water Markets and Pricing Policies

ECON – Economic
Ballrom A

Jacob Larsen

Form to Form: Music and Art in the Baroque

MUS – Music
LO 0108

Cory Sailer

Human Security and Societal Security Concerns in Post-Taliban Afghanistan

POL – Political Science
CMU 207

James Sieben

Modulated Signal Transfer

PHYS – Physics
CMU 216

Benjamin Forsythe

Organics and Inorganics of America and Costa Rica

BIOL – Biology
CMU 205

Lindsay Mitlyng, Jennifer Kelley

Pancho Villa and the Mexican Revolution

HIST – History
LO 0104

Jose Ledezma



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Volunteering: All Paws Down

CMST – Communication Studies
CMU 227

Katelin Hansen, Kathrine
Cork, Keely Huso

Oral Presentations

1:00–2:20

Earth Art of the 1960s and 70s

ART – Art and Design
CMU 203

Lewis Burris

Just Do It: Nike's Takeover of Sports Design and Marketing

ART – Art and Design
CMU 203

Addie Borgh

The Cultural Relevance of Comics

ART – Art and Design
CMU 203

Rebekah Wicklund

The Direction of Interactive Design

ART – Art and Design
CMU 203

Jacob Christenson

Poster Displays

1:00–1:40

Impact of NHE1 Phosphorylation by Ribosomal S-6 kinase and RhoA kinase on ERM binding and cell motility

CHEM – Chemistry
CMU 2nd Floor Hallway

Tony Nguyen

How to Prevent Internal Fraud

ACCT – Accounting
Poster #3
CMU Basement Hallway

Thomas George, Alexander Hajicek

How you Read to Kids Matters: Efficacy of Specific Techniques in Repeated Read Alouds

PSY – Psychology
Poster #128
CMU Basement Hallway

Christine Hollermann,
Lyndsey Roy, Katie Engberg

In Silico Analysis and Molecular Dissection of the PPKD:PDRP Interaction

BIOL – Biology
Poster #28
CMU Basement Hallway

Mitchell Lakner, Sara Aleem,
Nivedha Manohar

In vivo EPR signal reduction of spin-labeled free radicals in living mice

CHEM – Chemistry
Poster #64
CMU Basement Hallway

Victoria Honetschlager

Investigations of biochemical and molecular mechanisms of systemic acquired resistance in *Cucumis sativus*

BIOL – Biology
Poster #30
CMU Basement Hallway

Natalia Belavina

KAATSU Training

AT – Athletic Training
Poster #21
CMU Basement Hallway

Takuto Kondo

Labor and Delivery Nursing: A Student's Perspective

NURS – Nursing
Poster #112
CMU Basement Hallway

Carmen Parsley

Liking and Eroticism in Evaluations of the Visual Arts

PSY – Psychology
Poster #133
CMU Basement Hallway

Dylan O'Brien



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Lyme Disease Prevalence in South-Eastern North Dakota

BIOL – Biology
Poster #43
CMU Basement Hallway

Daisy Boatey

Magnetic Moment

PHYS – Physics
Poster #118
CMU MaIn Lounge

**Alycia Bergeson, DJ
Houk, Nicholas Weir**

Magnetic Susceptibility and the Superconducting Transition

PHYS – Physics
Poster #117
CMU MaIn Lounge

Christopher Moore

Match.com-What's your blood group?

BIOL – Biology
Poster #48
CMU MaIn Lounge

Heather Sorenson

Measuring NHE activity with fluorescence microscopy.

CHEM – Chemistry
Poster #67
CMU MaIn Lounge

Nicholas Berthelsen

Media's Influence on Body Image: An Eye Tracking Study

PSY – Psychology
Poster #126
CMU MaIn Lounge

**Jennifer Livingood,
Jacquelyn Schmidt**

Medical-Surgical Nursing

NURS – Nursing
Poster #105
CMU 2nd Floor Hallway

Molly Moenkedick

Migraines

AT – Athletic Training
Poster #23
CMU 2nd Floor Hallway

Mark McIntire

Music-Induced Hearing Loss and the Collegiate Musician

SLHS – Speech, Language & Hearing Science
Poster #138
CMU 2nd Floor Hallway

Maria Lendobeja

Music's Effect on Helping Behavior in Second Life

PSY – Psychology
Poster #124
CMU 2nd Floor Hallway

Ethan Dahl, Casey Lloyd

Neologisms: the death of English and birth of new American

ANTH – Anthropology
Poster #10
CMU 2nd Floor Hallway

Eric Olson

Nickel Partitioning

GEOS – Geoscience
Poster #77
CMU 2nd Floor Hallway

**Jordana Anderson, Samantha
Buhr, Timothy Erickson**

Noodles And Company

CM – Construction Management
Poster #72
CMU 2nd Floor Hallway

**Phillip Eslinger, John
Bell, John Bellon**

Nuclear Magnetic Resonance

PHYS – Physics
Poster #121
CMU 2nd Floor Hallway

Christopher Moore

Nursing Around the World: One Student's Experience in Guatemala

NURS – Nursing
Poster #98
CMU 2nd Floor Hallway

Alena Deutschlander, Heidi Banick



MSUM

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**Nursing Care After A
Coronary Artery Bypass Graft:
Preventing Complications**

NURS – Nursing
Poster #108
CMU 2nd Floor Hallway
Aimee Laurencelle

**Relationship of man-made
chemicals and human health**

SOC – Sociology
CMU 2nd Floor Hallway
Neville Lambourne

**Oral Presentations
1:20–1:40**

**An Assessment on the
Republican Candidates
for the 2012 Election.**

CMST – Communication Studies
CMU 227
Danielle Saul

**Emergence of Antiviral Drug
Resistance in Herpesviruses**

BIOL – Biology
CMU 205
Jasen Walker

**Hugo Chavez - The rise
of a new age dictator**

HIST – History
LO 0104
Dominique Rolando

It's Like A Stoner's Paradise Man

SOC – Sociology
CMU 208
Jennifer Harzke, Lauren Wold

**John Coltrane's quest
for a freedom**

MUS – Music
LO 0108
Yuki Harada

**Millennium Development Goals
& Their Impact in Contemporary
Africa:Healing the Heart of
Darkness, or skirting it?**

POL – Political Science
CMU 207
Kyle Evens

Sickle Cell Anemia

HLTH – Health
CMU 214
Christian Nwabufo, Emmanuel
Fohle, Smita Tandukar,
Collins Max Jerry

The Boy with Stumbling Blocks

FILM – Film Studies
LO 0102
Jessica Zeppelin

**The U.S. Corporate Tax System:
Is Uncle Sam Encouraging
Investment Abroad?**

ECON – Economics
Ballroom A
Peter McCallum

**Oral Presentations
1:20–1:50**

**Post High School Aspirations
of American Indian Students**

PSY – Psychology
CMU 216
Andrea Stenson, Raina
Heruth, Jered Pigeon

**Oral Presentations
1:20–2:00**

**The Years- An Exploration
of Feminist Film**

FILM – Film Studies
LO 0101
Kristen Conaty, Ivan Clow

**Investigation of calcineurin B
homologous protein isoform
2 regulation of Na⁺/H⁺
exchanger. A potential novel
therapeutic target to treat
non-small cell lung cancer.**

CHEM – Chemistry
Ballroom D
Kristina Anderson



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Oral Presentations

1:40–2:00

“A Fine Frenzy”: Gender Dynamics in “A Midsummer Night’s Dream”

ENGL – English
CMU 101

Vanessa Perkins

Duke Ellington: A True Innovator

MUS – Music
LO 0108

Jordan Christianson

Hunger-Something to Grumble About

CMST – Communication Studies
CMU 227

Rebecca Spanier, Karly Mackedanz

Redecorating Film Adaptation: Problems and Possibilities

FILM – Film Studies
LO 0102

Jesse Balzer

Refugees, Opportunities, and Fargo: An Economic Relationship

ECON – Economics
Ballroom A

Vaneesha Dusoruth

Role of Women in the Third Reich

HIST – History
LO 0104

Corinne Edgerton

Shopping at Farmers Markets vs. Large Supermarkets

BIOL – Biology
CMU 205

Phillip Schotte, Heather North

The Internet and International Security

POL – Political Science
CMU 207

Nathan Mack

Transition from Childhood to Adulthood for Autistic Individuals

HLTH – Health
CMU 214

Chiranthana Dissanayake, Kristin Grenz, Tyler Carson, Adam Kappes, Jordyn Wallenborn

Workshop

1:40–2:10

Make the next facebook: Developing a webapp on Google App Engine

CSIS – Computer Science and Information Systems
Ballroom D

Sri Krishna Kadimisetty

Poster Displays

1:40–2:20

Obesity in the United States

HLTH – Health
Poster #82
CMU Basement Hallway

Sara Meidinger, Isaac Thomas, Carly Helfrich, Kaeley Troyer

Obstetric Nursing

NURS – Nursing
Poster #109
CMU Basement Hallway

Lindsey Imdieke

Parental teaching by fish biparental

BIOL – Biology
Poster #39
CMU Basement Hallway

Kim Fritel, Nicole Savageau

Petrichor Images: Vanessa Gamelin Photography

ART – Art and Design
Poster #17
CMU Basement Hallway

Vanessa Gamelin

Prehistoric Settlement in Swift County, Minnesota

ANTH – Anthropology
Poster #11
CMU Basement Hallway

Katie Jacobson



MSUM

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Preliminary genetic analysis of *Lasioglossum* (*Dialictus*) spp. (Hymenoptera: Apoidea) of western Minnesota tallgrass prairie.

BIOL – Biology

Poster #26

CMU Basement Hallway

Nancy Stenger, Karsten Nash,
Rachel Walsh, Emmanuel
Fohle, Angela Mccollam

Preparation of Imino Esters and Investigation of their Conjugate Additions to Unsaturated Carbonyls

CHEM – Chemistry

Poster #60

CMU Basement Hallway

Arjun Kafle

Preparation of Tetrahydroisoquinoline-Derived Azomethine Ylide Dipoles and Investigation of their Cycloaddition to Unsaturated Acyl Pyrazolidinones

CHEM – Chemistry

Poster #57

CMU Basement Hallway

Zachary Morseth

Preserving the Past for the Future: Curation in Archaeological Practice

ANTH – Anthropology

Poster #4

CMU Basement Hallway

Brett Tanselle, Danielle Truitt

Prevent Deep Vein Thrombosis on a Medical/Surgical Flood

NURS – Nursing

Poster #110

CMU Basement Hallway

Alicia Saue

Preventing Post-Surgical Complications

NURS – Nursing

Poster #101

CMU MaIn Lounge

Courtney Conyers

Public Health Nursing in Guatemala

NURS – Nursing

Poster #100

CMU MaIn Lounge

Lourdes Garcia

Recursive Ambiophonic Crosstalk Elimination

PHYS – Physics

Poster #122

CMU MaIn Lounge

Nicholas Weir

Science Discovery Camp for Middle School Students

BIOL – Biology

Poster #29

CMU MaIn Lounge

Mitchell Lakner, Renek Jorgenson

Shared Sounds and Spellings Affect Explicit and Implicit Memory Tests

PSY – Psychology

Poster #125

CMU MaIn Lounge

Farryn Helm, Carole Bracshayko

Shining a Light on Acne

BIOL – Biology

Poster #49

CMU 2nd Floor Hallway

Sabrina Sam

Should I Stay or Should I go?: Positive Illusions, Jealousy, and Commitment in Romantic Relationships

PSY – Psychology

Poster #129

CMU 2nd Floor Hallway

Lisa Dowers

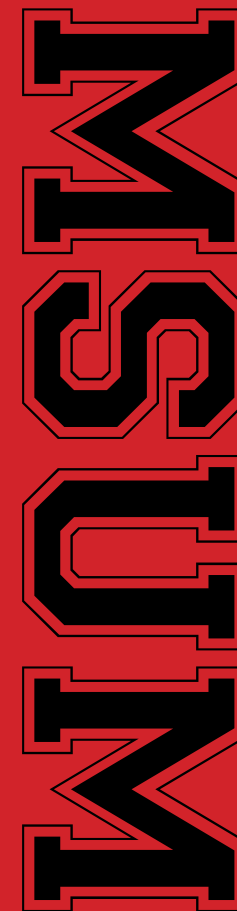
Social Referencing During Inauthentic Emotional Situations

PSY – Psychology

Poster #127

CMU 2nd Floor Hallway

Jennifer Wenner, Allyson
Schann, Natalie Avey



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Stabilization of Carbon Emissions

HON – Honors
Poster #87
CMU 2nd Floor Hallway

Jessica Belden

Stratigraphic significance of a fossiliferous shale in the lower part of the Raytown Limestone Member of the Iola Limestone (Upper Pennsylvanian) in eastern Kansas

GEOS – Geoscience
Poster #79
CMU 2nd Floor Hallway

Scott Flores, Kyle Wohnoutka,
Gerardo Rodriguez, Kaitlyn Nelson

Sub-Zero Contractor's Recreational Renovation

CM – Construction Management
Poster #69
CMU 2nd Floor Hallway

Jordan Korczak, Kelly Ham, Justin Filas

Substance Abuse and Its Effects on the Population: An Epidemiological Approach.

HLTH – Health
Poster #81
CMU 2nd Floor Hallway

Carly Kalina, Jenna Peper,
Kabina Chaulagain

Supercross Track

CM – Construction Management
Poster #71
CMU 2nd Floor Hallway

Christopher Roach, Zachary Hill,
Anup Adhikari, Ryan Seidel

Synthesis and Characterization of a Dye-Sensitizer

CHEM – Chemistry
Poster #52
CMU 2nd Floor Hallway

Samantha Stewart-
James, Gifty Fokuo

Synthesis of a new Cyanoborane polymer with a trigonal planar boron.

CHEM – Chemistry
Poster #56
CMU 2nd Floor Hallway

Taehyun Kim , Ismael Banla

Oral Presentations 1:50–2:10

Los Pazos de Ulloa and the Naturalism Movement in Spain

SPAN – Spanish
CMU 216

Kelsey Indergaard

Oral Presentations

2:00–2:20

“Where is the Duende?": An Approach to Understanding Poetry for All Readers

ENGL – English
CMU 101

Logan Herold

Does the National Basketball Association's Soft Salary Cap Increase Competitive Parity?

ECON – Economics
Ballrom A

Kegan Reiswig

Living Learning Communities and retention rate.

CMST – Communication Studies
CMU 227

Allison Berger, Jeanne Hettich, James Borgen

Money Doesn't Grow on Trees: The environmental, economic, and global costs of deforestation in Costa Rica.

BIOL – Biology
CMU 205

Danielle Kuperus, Nancy Stenger

Music on the Brain

MUS – Music
LO 0108

James Sandifer



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NAFTA: Negative effects on Mexico “The positive and negative effects that NAFTA has had on Mexico”

INTL – International Studies
CMU 214

Chase Walseth

Naturschutz: Policy or Excuse? Examining the Environmental Policies of Germany’s Nazi Regime.

HIST – History
LO 0104

Ashley St Sauver

The Extra-Amazing Adventures of Extraman and Extragirl

FILM – Film Studies
LO 0102

Craig Larson, Mitchell Miller, Nathan Bergeson

Poster Displays
2:00–2:40

Improved Procedures for the N-Alkylation of Pyrazolidinone Rings Using Aldehydes and Sodium Borohydride

CHEM – Chemistry
Poster #58
CMU Basement Hallway

Jasen Walker

Oral Presentations
2:10–2:30

Shakespeare’s The Merry Wives of Windsor: Adapting Shakespeare for Contemporary Audiences

THTR – Theatre Arts
CMU 216

Maggie Olson

Theatre Performance
2:30–4:40

The Musical of Musicals

THTR – Theatre Arts
Gaede Theatre

Tariq Muwahid, Klarissa Pudwill, Tierney Michon, Sarah Dewhirst, Nicholas Kaspari, Matthew Englund, Caroline Stommes, Nikko Raymo, Holli Richgels, Chandler Cline, James Stenger, Sara Hysjulien, Heidi Riffle, Meagan Kedrowski, William Schnase, Dustin Beck

Oral Presentations
2:30–2:50

Benito Juarez

HIST – History
LO 0104

Fidelia Maninga

Expansion Outlook: Fergus Falls, MN

ECON – Economics
Ballroom A

Laura Trosdahl

Farming Techniques in Costa Rica vs. United States

BIOL – Biology
CMU 205

Jacinta David, Joanna Lock, Jase Beck

Fundamentals of Play Directing

THTR – Theatre Arts
Ballroom D

Alexander Holmquist

Ganga Ma: Revered by millions, polluted by all

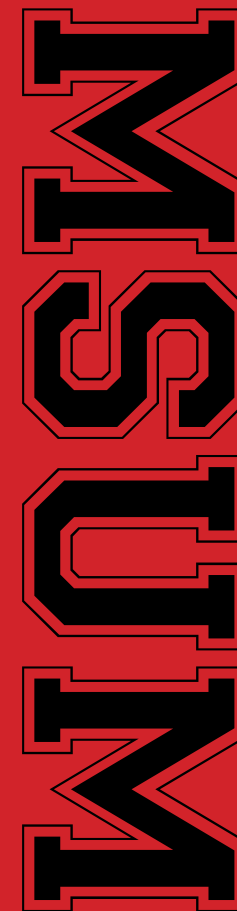
INTL – International Studies
CMU 214

Laren Lamb

Hijacking Cultural Momentum: Steinbeck’s Use of the Archetypal Image of Christ in The Grapes of Wrath

ENGL – English
CMU 101

Michael Lobdell



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**Honors Apprentices:
Service and Challenge**

HON – Honors
CMU 227

Janet Aarness, Nick Enger,
Dom Rolando, Jessy Belden

**The New Performer Modern
performance in classical music**

MUS – Music
LO 0108

Eric Guttormson

**“The Power Of Questions:
Divergent Thought in
the 21st Century”**

ART – Art and Design
CMU 203

Moriah Thielges

**The responsibility to protect
as an emerging norm of
international law**

POL – Political Science
CMU 207

Christopher Kettering

**“The Surviving Chinese
Jewish Community”**

HIST – History
CMU 216

Eric Rothberg

**Oral Presentations
2:30–3:30**

**Film 472 Advanced Video
Production Client Videos**

FILM – Film Studies
LO 0101

Heather Alvar, Joshua
Resch, Benjamin Pimlott

**The Unseen: A Senior
Seminar Film**

FILM – Film Studies
LO 0102

Kathleen Kretchmer

**Poster Displays
2:30–3:10**

Television’s Impact on Health

SOC – Sociology
Poster #142
CMU MaIn Lounge

Kristen Bongard, Erin Durken

**Testing Inheritability of
Shy/Bold Personality Traits
in Zebrafish Offspring**

BIOL – Biology
Poster #37
CMU MaIn Lounge

Cory Sailer, Sonny Radenic,
Randy Sutrisno

**The affects of exotic earthworms
on Big Bluestem, Andropogon
gerardii, prairie plants**

BIOL – Biology
Poster #36
CMU MaIn Lounge

Amy Moorhouse, Brittany Beers

**The Effect of Internet
Use on Health**

SOC – Sociology
Poster #149
CMU MaIn Lounge

Briana Magrum

**The effect of prone positioning in
patients with Acute Respiratory
Distress Syndrome (ARDS).**

NURS – Nursing
Poster #113
CMU MaIn Lounge

Molly Breen

The Future of Time Perspective

PSY – Psychology
Poster #134
CMU MaIn Lounge

Dylan O’Brien

The IMF and the Third World

POL – Political Science
Poster #123
CMU MaIn Lounge

Dustin Sobolik



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The Influence of Alcohol Use on Health

SOC – Sociology
Poster #145
CMU MaIn Lounge

Jenna Peper

The Relationship Between Poverty, Social Class, and Overall Health

SOC – Sociology
Poster #139
CMU MaIn Lounge

Amy Thorson, Shannon Grossman

The Relationship between the number of hours of Television watched and one's Health

SOC – Sociology
Poster #141
CMU MaIn Lounge

Kristen Bongard, Erin Durken

The Relationship with Smoking and your Health

SOC – Sociology
Poster #146
CMU 2nd Floor Hallway

Cynthia Marier

The Rights of Indigenous people within the framework of International Organizations and Non-governmental organizations.

INTL – International Studies
Poster #90
CMU 2nd Floor Hallway

Amanda Zenk

The Role of NHE in Directional Cellular Migration

BIOL – Biology
Poster #44
CMU 2nd Floor Hallway

Abbey Walski

The Role of NHE1 Transmembrane Protein in Stress Fiber Formation

CHEM – Chemistry
Poster #66
CMU 2nd Floor Hallway

Rubi Gutierrez

The significance of the RSK and ROCK phosphorylation sites of NHE1 and their role in the regulation of cellular migration

BIOL – Biology
Poster #45
CMU 2nd Floor Hallway

Andrew Dornbusch

The Spanish Immersion Classroom and Beyond: An Investigation of Vocabulary Discrepancies

PSY – Psychology
Poster #136
CMU 2nd Floor Hallway

Jessica Remhof

The Unknown Work of Vivian Maier

ART – Art and Design
Poster #16
CMU 2nd Floor Hallway

Julian Dahlquist

There is More to Panama than the Panama Canal

GEOS – Geoscience
Poster #78
CMU 2nd Floor Hallway

Paige Erickson, Margaret Casey

Oral Presentations 2:50–3:10

Comic Robots in Sci-Fi Films Or I Know What You Did Last Childhood

FILM – Film Studies
LO 0102

Fernanda deOliveira



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Increased Sales in the Fourth Quarter: How Wal-Mart's Sales Impact the Retail Industry

ECON – Economics
Ballrom A

Aaron Ato-Davies

Li Hung-Chang, Sergei Witte and the Chinese Eastern Railway, 1887-1900

HIST – History
LO 0104

Bradley Madsen

Nepal's Survival between two Giants(Nepal's foreign policy strategies vis-a-vis India and China)

INTL – International Studies
CMU 208

Sunil Paudel

The Internet and Pedophiles: Are Your Children at Risk?

MC – Mass Communications
CMU 227

Taunia Tiegs-Marquardt

The Undeclared Student: Exploration and Strategies

ENGL – English
CMU 101

Kimberly Ehrlich

Tribal Governments and the Effects of the U.S. Political System

POL – Political Science
CMU 207

Sarah Butrum

What's that Noise?

MUS – Music
LO 0108

Aaron Thuen

Debate 2:50–3:20

Designer Babies

CCGE – Corrick Center for General Education
CMU 205

Alyssa Olson, Shana Heuer,
Caitlyn Holowell, Ivy
Schueller, Yalonda Nelson

Oral Presentations 3:10–3:20

Behind the Sound: An Inside Look at Live Audio Production

MUS – Music
LO 0108

David Kolar

Oral Presentations 3:10–3:30

A closer look into the hydroelectricity projects of Nepal

INTL – International Studies
CMU 208

Bibhusa Karki

k-Gibonacci Numbers and Permutation Statistics

MATH – Mathematics
CMU 207

Jonathan Rue

The Role of Trade and Foreign Direct Investments in the Economic Growth of Sub-Saharan African Countries.

ECON – Economics
Ballrom A

Zuweina Mohamed

White Science Fiction of America

FILM – Film Studies
LO 0102

Hotaka Demura



**PRESENTATIONS
LISTED BY TIME**

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Oral Presentations

3:10–3:40

How Atheists Can Get Into Heaven: Christopher Hitchens and the Catholic Church

ENGL – English
CMU 101

John Goerke

Marketing Electric Bikes in Canada: An overview of the Canadian Market

MKTG – Marketing
CMU 227

Grant Hagen

Oral Presentations

3:20–3:40

Forensic Accounting: A Research Study

ACCT – Accounting
LO 0108

Sujata Sherchan, Aisha Mohamed, Mallika Koirala

Moorhead Gangs

CJ – Criminal Justice
CMU 203

Crystal Smith

Oral Presentations

3:30–3:50

Analyzing Human Rights in Science Fiction Films

FILM – Film Studies
LO 0102

Conor Holt

Construction Management Capstone Experience - Multi-unit housing development

CM – Construction Management
CMU 207

Corey Bronczyk, Joshua Ridler, Lucas Menton

Guatemala's Road to Development: An Economic Assessment.

ECON – Economics
Ballroom A

John Thein

The Specter of Intervention: British Foreign Policy Pertaining to the American Civil War

HIST – History
LO 0101

Eugene Branstiter

The Unseen: A Senior Seminar Film

FILM – Film Studies
LO 0102

Kathleen Kretchmer

Poster Displays

3:30–4:10

Transcultural Nursing in Guatemala

NURS – Nursing
Poster #93
CMU Main Lounge

Lindsay Krabbenhoft,
Shelby Doris Rossow

Transcultural Nursing in Guatemala

NURS – Nursing
Poster #94
CMU Main Lounge

Shelby Rossow, Lindsay Margaret Krabbenhoft

Transcultural Nursing; What I thought I knew, what I learned, and the differences.

NURS – Nursing
Poster #96
CMU Main Lounge

Susan Ross

Transition to Sustainable Energy

ECON – Economics
Poster #73
CMU Main Lounge

Fariha Rahman



MSUM

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Understanding the neurological basis of LSD

BIOL – Biology

Poster #42

CMU MaIn Lounge

Manasvi Kulshrestha

Urban Canada Geese in Moorhead, Minnesota: How Many are Too Many?

BIOL – Biology

Poster #33

CMU MaIn Lounge

DeAnna Rastedt, Kyle Kosak,
Christina Sadowski

Urban Turkeys: Survey of Wild Turkey Distribution and Numbers, Human-Turkey Interactions, and Public Opinion in the Red River Valley in Cass (North Dakota) and Clay (Minnesota) Counties (2003-2010)

BIOL – Biology

Poster #34

CMU MaIn Lounge

DeAnna Rastedt, Ashley D.
Remmick, Jasen L. Walker

Virtual Sexual Aggression: The Real Life Correlates of BDSM and Rape Simulations in Second Life

PSY – Psychology

Poster #135

CMU MaIn Lounge

Kelsey Johnson

Vocal Cord Disorder: The Mistaken Wheeze

AT – Athletic Training

Poster #20

CMU MaIn Lounge

Amber Brandenburger

Water contamination and health

SOC – Sociology

Poster #153

CMU MaIn Lounge

Samuel Getty

Wet Site Archaeology: An Overview.

ANTH – Anthropology

Poster #7

CMU 2nd Floor Hallway

Sara Kram

Whats So Fishy About Fish Oils

AT – Athletic Training

Poster #18

CMU 2nd Floor Hallway

Joshua Werk

Wine to Water

INTL – International Studies

Poster #89

CMU 2nd Floor Hallway

Sunil Paudel

Women Rights and Gender Inequality in Afghanistan.

INTL – International Studies

Poster #88

CMU 2nd Floor Hallway

Richa Upadhyay

Women's health-human papillomavirus

NURS – Nursing

Poster #114

CMU 2nd Floor Hallway

Tonia Lofgren

X-ray spectroscopy

PHYS – Physics

Poster #119

CMU 2nd Floor Hallway

Dillon , Ishan Mani Subedi

Table Display

3:30–4:10

Wedding Photography by MwPhotography

ART – Art and Design

CMU 2nd Floor Hallway

Melissa Wentworth



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