2023 UMHC Annual Meeting

Striking a Balance

Thursday March 30\textsuperscript{th} — Saturday April 1\textsuperscript{st}

Upper Midwest Regional Honors Council
&
Des Moines Area Community College
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<tr>
<td>12:30p</td>
<td>Registration Opens</td>
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<tr>
<td>1:30-2:45p</td>
<td></td>
<td></td>
<td>Individual Presentations: <em>Education</em></td>
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<td>3-4:15p</td>
<td>Workshop: <em>“You’re Smart— You’ll be Fine” &amp; Other Lies we Tell Honors Students</em> Matt Sprengeler</td>
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<td>Individual Presentations: <em>Technology, Cyber Development, Engineering</em></td>
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<td>4:30-5:45p</td>
<td>Opening Day Remarks — Food Trucks (main entrance outside of Building 5)</td>
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<td>6-7:15p</td>
<td>Student Posters</td>
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<tr>
<td>7:15-8p</td>
<td>Roundtables</td>
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<td>Time</td>
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<td>Faculty A</td>
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<tr>
<td>7-7:30a</td>
<td>Balance Yoga &amp; Meditation</td>
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<tr>
<td>7:30-8a</td>
<td>Registration Opens — Light Breakfast</td>
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<td>8-9:15a</td>
<td>Panel: <em>Utilizing Role-Playing Games to Develop Critical Thinking Skills</em> Kurt Kemper</td>
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<td>9:30-9:45a</td>
<td>Conference Welcome from DMACC President Denson</td>
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<td>9:45-10:45a</td>
<td>Keynote: <em>Next Up... Who’s Helping Me With This?</em> Renee Schulte</td>
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<td>Time</td>
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<td>12:30-1:15p</td>
<td>Buffet Lunch</td>
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<td>1:15-1:45p</td>
<td>Three-Minute Thesis Student Presentations &amp; Competition</td>
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<td>2-3:15p</td>
<td>Keynote: <em>The Whole Person is the Whole Point</em> Caleb Rainey “The Negro Artist”</td>
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<td>3:30-4:45p</td>
<td>Student Breakout Session (students only) <em>Professional Development through Personal Development</em> Caleb Rainey “The Negro Artist” Panel: <em>SOS Nursing in Honors</em> Dr. Nikki Hamilton Workshop: <em>Redesigning Program Curriculum to Encourage Accessibility &amp; Balance</em> Leah White</td>
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<td>5:30-7p</td>
<td>Faculty Mixer (District 36)</td>
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<td>7:30p</td>
<td>Ticketed Performance: <em>No Such Thing</em> (Blackbox Theater)</td>
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<td>9:30-10:45a</td>
<td>Keynote: True Greatness Starts from Within Aaron Putze</td>
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<td>11a-12:15p</td>
<td>State Meetings — Business Meeting &amp; Awards</td>
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<td>12:15-12:30p</td>
<td>Pick Up Bagged Lunch</td>
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Individual Presentations: Education
Kari Frisch presiding

*OERs: An Open Pedagogy Project on the United Nations’ SDGs*
Kari Frisch

*Impact of Childhood Trauma on Education & Well-Being of Students & How Educators Can Best Help*
Brian Day

*The Benefits of a Multilingual Writing Center in Honors Education*
Sophia Lopez

Individual Presentations: Technology, Cyber Development, Engineering
Alex Bormann presiding

*China’s Technological Rise: Quantum Computing & the Future of China*
Olivia Armstrong

*A Framework for Secure AI Development*
Darrin Dutcher

*The Positives & Negatives of Artificial Intelligence Among Human Society*
Kyla Cox

*The Unexpected Power of Social Media*
Alex Bormann

Individual Presentations: Health & Biological Sciences, Mental Health, Criminal Justice
Sondra Wilson presiding

*Mental Health Awareness Month Campaign*
Diego Arevalo Molina

*The Relationship Between Cerebrovascular Dysfunction & Behavioral Abnormalities in Rats Exposed to Alcohol In Utero*
Tiffany Knecht

*Living as a Transgender Woman in America in 2023*
Sondra Wilson

*Gun Violence, Gang Glorification, the Demonization of Black & Brown Boys in the Criminal Justice System*
Melody Alo
Student Posters

Math & Engineering
Testing the Reusability of CAN bus OBD-II Replay Attacks Across Vehicles of Similar Make & Model
Joseph Boyd

Predictive Simulation & Data Science
Applied to Protein in Nanovaccine Release
Jack Girton

Health & Biological Sciences
Using CRISPR/Cas9 Whole Genome Screens to Uncover Molecular Mechanisms of Macropinocytosis in Macrophages
Bidhi Kasu

“Who Cares?”: Alcohol’s Effect on College Students’ Nervous Systems
Jordan Thompson

Triazole-estrone Analogs: A Potential Drug Treatment for Triple-Negative Breast Cancer
Emily Hedge

BodPod: Air Displacement Plethysmography & the Importance of Body Composition in Men’s & Women’s Basketball
Samuel Rabenberg

Using µCT Scans to Create 3D Skull Puzzles as Open-Access Pedagogical Tools for Anatomy Classes
Alexis Slack

B-ing Flexible: Examining Creativity in Bisexual Employees
Esenaman Batirov

History
The Hidden History of Law
Sondra Wilson

Social Sciences & Education
Building Growth Mindset in English Language Learners
Kylie LaVoy

Food Insecurity on College Campuses in South Dakota
Mckenzie Hassebroek

The Connection Between Basic Arithmetic Skills & Further Mathematics Ability
Qiang Ai

Measuring Fear of Crime on Campus: A Study of a Small Midwestern University
Mayson Sheldon

Prioritizing Wellbeing to Support Student Success
Hamelynn Harzman

Microeconomics: The Game!
Sierra Bailey

Natural & Environmental Sciences
Cambodia: The Manifestation of Malnutrition Resolved With Dietary Diversity
Tuesday Davis

Arts & Humanities
Types of Violence in the South Dakota Human Service Center History
Emily Eisenbraun

Healing Through the Use of Creative Arts
Lawrence Sigmund
Roundtables
DMACC presiding

**Table 1**
The Benefits of Implementing a Student Organization through the Honors College
Carley Mullins

Service Opportunities for Honors Students
Colin Marsh

**Table 2**
Supporting Students in their Pursuit of Honors
Hanna Holmquist

ChatGPT Wrote this Title: The Ethical Usage of AI-Generated Content
Gillian Morris

**Table 3**
An Honors Curriculum: What’s it Good for?
Talia DeWitte

An Honors Perspective on Food Insecurity Resources on College Campuses
Jessica Begeman

**Table 4**
Engaging Transfers / Community College Students on a Shortened Schedule
Brooke Oehme

Finding Balance in Your Honors Office: The Benefits of Student Employees on Your Leadership Team
Brynn Olverson
CONFERENCE AT A GLANCE 1.1

**Individual Presentations: Sustainability & Environment**
DMACC presiding

*Striking a Balance for the Planet: Sustainable Printing & Dyeing*
Maria Schirmer-Devitt

*The Environmental & Lifestyle Effects of Meat Consumption*
Jillian Hough

*Lines & Shapes Connected in Diversifying our Culture*
Tumisang Leshoeli

*Art Therapy*
Clara Cleland-Leighton

**Individual Presentations: History**
Hanna Holmquist presiding

*NAFTA & the Effect of Senator Daschle on South Dakota History 1997-Present*
Joseph Ulloa

*Ripples From Walden*
Nolan Reynolds

*Tropes of Murderess Row*
Rachel Goldsmith

*Where Does the Church Stand in Today’s Mental Health Landscape?*
Noah Mursu

*#Unfiltered*
Hannah Owens
**Three-Minute Theses**

Matt Sprengeler presiding

*It’s Cheaper to Help People Than to Oppress Them*
Sondra Wilson representing DMACC

*Where Does the Church Stand in Today’s Mental Health Landscape?*
Noah Mursu representing South Dakota State

*Tagging tjp1a (ZO-1) Genes in Zebrafish with Fluorescent Proteins*
Hamelynn Harzman representing Iowa State

*Measuring Fear of Crime on Campus: A Study of a Small Midwestern University*
Mayson Sheldon representing Northern State University

*Accessible Wayfinding & Navigation*
Roshit Niraula representing Minnesota State University, Mankato

*Ripples from Walden*
Nolan Reynolds representing Waldorf University

*Has Artificial Intelligence Ignored its Security Obligations? A Threat Vector Analysis*
Darrin Dutcher representing Dakota State University

*The Relationship Between Cerebrovascular Impairment & Behavior Abnormalities in Rats Exposed to Alcohol in Utero*
Tiffany Knecht representing University of South Dakota
Individual Presentations: Advertising, Business, Financial, Communications
Axton Betz-Hamilton presiding

Adapting Advertising to Different Cultures
Tessa Holien

Embracing Student Creativity to Positively Impact Others About Financial Abuse Within Families
Axton Betz-Hamilton

The Female Leader: Women’s Experiences in a Male-Dominated Workforce
Anne Marie Boyum

The Influence of Social Media in the Rise of Misinformation
Adelia Bristot

Developing a Training Program for Undergraduate Teaching Assistants in an Honors Orientation Course
Julie Fischer