

An ACM Celebration of Women in Computing

MINK WIC

Community, Computing, Connections

October 27-28, 2023

Hyatt Place Kansas City/Lenexa City Center

8741 Ryckert Street, Lenexa, KS 66219

#MINKWIC2023

Missouri Iowa Nebraska Kansas Women in Computing | 2023 Conference

Thank You to Our Sponsors!

2023 Sponsors

Platinum

Brownell Family Foundation



Gold



Silver



Department of Computer Science



Bronze



Friends



MINK WIC 2023 Program – Day 1

Friday, October 27th			
	Track 1	Track 2	Track 3
Track Room	Meeting Place 2 & 3	City Center A	City Center B
10:00 - 5:00 PM	Conference Registration – Pre-function Space [Organizer: Dr. Tiffany Ford]		
1:30 - 1:50 PM	Opening Session – Banquet Hall [Introduced by Dr. Erin Doyle]		
2:00 - 2:50 PM	Panel ChatGPT [Moderator: Dr. Carolyn Brodie] Dr. Prasad Chetti, NWMS Crystal Combs, NWMS Kevin Kelley, American Century Vicky Walworth, TreviPay	TechTalk Software Engineering Maturity and Roles [Session Chair: Dr. Hollie Rosser] Anne Ruskamp, Don't Panic Lab	Panel Data Science [Moderator: Dr. Tiffany Zhang] Dr. Denise Case, NWMS Dr. Aziz Fella, NWMS Peggy Hart, Doane Univ Kayla McMahan, Buildertrend
3:00 - 3:50 PM	Snacks – Pre-function space Poster contest – Pre-function space [Organizer: Priscilla Jimenez] Please see P5 for a list of presenters. Please leave the posters on display till 8:00pm for judges and viewers.		
4:00 - 4:50 PM	Panel How to Get an Internship? [Moderator: Dr. Denise Case] Ratan Lal, NWMS Dr. Hande McGinty, Kansas State Univ Dr. Tiffany Zhang, UNO Gary Zhao, NWMS	Workshop Making a Code Portfolio on GitHub [Session Chair: Dr. Wallapak Tavanapong] Dr. Kate Cooper, UNO	TechTalk Interdisciplinary Computing [Session Chair: Dr. Liza Kleiman] Dr. Carolyn Brodie, Simpson Coll. Dr. Liza Kleiman, Univ of Iowa
5:00 - 5:50 PM	Group Photo – Banquet Hall Room Key Pickup – Pre-function space		
6:00 - 7:00 PM	Buffet Dinner – Banquet Hall		
7:00 - 8:00 PM	Keynote – Banquet Hall Community, Computing, Connections: Metamorphosis Dr. Helen Gebre-Amlak Blackhawk Network [Introduced by Dr. Baek-Young Choi] Please see P7 for the abstract.		
8:00 – 10:00 PM	Social + Desserts/Snacks – Banquet Hall [Organizers: Isabella Paulsen and Annalisa Karacay – Univ of Iowa]		
End at 10:00 PM			

MINK WIC 2023 Program – Day 2

Saturday, October 28th

	Track 1	Track 2	Track 3
Track Room	Meeting Place 2&3	City Center A	City Center B
7:00 - 8:30 AM	Breakfast (Hotel Breakfast Area)		
8:00 - 10:00 AM	Conference Registration – Pre-function space [Organizer: Dr. Tiffany Ford]		
8:30 - 9:20 AM	Panel Is Grad School Right for Me? [Moderator: Dr. Erin Doyle] Mohna Chakraborty, Iowa State Univ Olayemi Olorunsola, UNO Dr. Cindy Tu, NWMS Dr. Rafida Zaman, UMKC	Workshop Resume Building [Session Chair: Dr. Mengdi Huai] Dr. Joni Adkins, NWMS Diana Linville, NWMS	Lightning Talks [Moderator: Dr. Liza Kleiman] Dr. Wallapak Tavanapong Sarah Fellah Lale Madahali Jali Purcell Livia Stein Freitas Manasa Taddi
9:30 – 10:20 AM	Panel Imposter Syndrome [Moderator: Dr. Liza Kleiman] Dr. Carolyn Brodie, Simpson Coll. Dr. Kate Cooper, UNO Dr. Hollie Rosser, UNO Anne Ruskamp, Don't Panic Lab	Workshop Data Science “Analyzing Structural Health of US Bridges Using Correlation Networks” [Session Chair: Dr. Rafida Zaman] Dr. Prasad Chetti, NWMS	Career Fair Pre-function space See the list of organizations in 10:20-11:00 AM block [Organizer: Dr. Wen-Jung Hsin]
10:20 - 11:00 AM	Snacks – Banquet Hall Career Fair cont'd – Pre-function space American Century Investments, Buildertrend, Commerce Bank, TreviPay, Women in Security-KC, U of Missouri-KC, Iowa State U, Kansas State U-Manhattan, U of Nebraska – Lincoln, U of Nebraska-Omaha [Organizer: Dr. Wen-Jung Hsin]		
11:00 - 11:50 AM	Panel Internship - Industry [Moderator: Dr. Carolyn Brodie] Grace Ahn, NvisionKC Tara Stava, Buildertrend Natalie Jenkins, Commerce Bank Yvette Karanja, Park U & BCD Travel	Panel Bioinformatics [Moderator: Dr. Qiuming Yao] Cynthia Chen, Stowers Institute Dr. Kate Cooper, UNO Dr. Juan Cui, UNL Dr. Erin Doyle, Doane Univ Madelaine Gogol, Stowers Institute	Research Presentations [Moderator: Dr. Priscilla Jimenez] Yvette Karanja Eliška Postavová Nikita Gautam Safia Malallah
12:00 – 1:15 PM 12:15 - 1:15PM	Luncheon – Banquet Hall Keynote (Please see P7 for the abstract.) Empowering Women in Tech: From Challenges to Mastery, Learning, Resilience and Problem Solving Teresa Cain TreviPay [Introduced by Dr. Erin Doyle]		
1:15 – 1:30 PM	Closing Remark – Banquet Hall		

Last Name First Name School/Title

Poster - Graduate

Bakshi	Aliva	Kansas State University
Pramanik	Swaraj	Deep Learning Tools for Plant Phenotyping
Caragea	Doina	
Jagadish	Krishna	
Schapaugh Jr	William	
Chakraborty	Mohna	Iowa State University
Kulkami	Adithya	Zero-Shot Approach to Overcome Perturbation Sensitivity of Prompts
Li	Qi	
Gaddam	Vedha Sri	Northwest Missouri State University
Ponugoti	Ashritha	Regional Intercollegiate Horse shows Association Web Application
Chintala	Rajitha	
Peruru	Ambica	
Madahali	Lale	Iowa State University
Tian	Jin	I'm Not a Human: A Comparison of Bot and Human Self-Presentation
Taghian		
Dinani	Soudabeh	Kansas State University
Caragea	Doina	Classifying the Disaster-Related Images Posted on Twitter Using Pre-Trained Transformer Models

Poster - Undergraduate

Clevette	Libbie	Doane University Detecting Energy Consumption Anomalies Through Micro-Moment Features
Doan	Hong	Grinnell College Type Based Analysis on Hackage Database: An Exploration of Types and Contexts for Program Synthesis
Ganesh	Somika	Park University My Experience in Using ChatGpt and GPTZero
Hsin	Wen-Jung	Faculty Mentor
Jin	Madeleine	University of Iowa
Segre	Alberto Maria	Data Augmentation and Validation for Agent Based Modeling
Perdiguero	Marina	Park University
Word	Jayla	Discrete Mathematics and ChatGPT
Allen	Dallas	
Graffam	Joseph	
Liriano	Pedro	
Stojic	Veljko	
Tolin	Alessandro	
Willmann	Ethan	
Hsin	Wen-Jung	Faculty Mentor
Plock	Kamryn	Doane University
Navarro	Olivia	TigerByte: Revolutionizing Access to Programming Problem Sets for Enhanced Learning
Rhinehart	Addison	Northwest Missouri State University A Comparative Study on AI-Generated Music
Sukasem	Pawinee	Park University Have You Ever Seen the Golden Ratio Around You?
Ulrich	Abby	Doane University Data Analysis of Customer Feature Usage

Last Name First Name School/Title

Lightning Talk - Professor

Tavanapong	Wallapak	Iowa State University AI Risk Management in Data-Driven Discovery
------------	----------	----------------------------------------------------------------------

Lightning Talk - Graduate

Fellah	Sarah	Northwest Missouri State University The Potential of Computing as a Common Skill
Madahali	Lale	Iowa State University
Chakraborty	Mohna	Graduate Education at Iowa State University
Khourashahi	Shakiba	

Lightning Talk - Undergraduate

Purcell	Jali	Drury University Exploring the Potential of Non-Linear Regression Models for Accurate House Price Prediction
Stein Freitas	Livia	Grinnell College Tupian language computerized tools for linguistic research and revitalization: a review
Taddi	Manasa	Northwest Missouri State University My Journey as a Women in Computer Science and Tips for Landing a Tech Job

Research Presentation - Graduate

Gautam	Nikita	Kansas State University
Chumway	David	Leveraging Existing Literature on the Web and Deep Neural Models to Build a Knowledge
Kowalczyk	Megan	Graph -- Focused on Water Quality and Health Risks
Khanal	Sarthak	
Carager	Doina	
Caragea	Cornellia	
McGinty	Hande	
Dorevitch	Samuel	
Malallah	Safia	Kansas State University Gender Stereotype in STEM Fields: A Case Study of Kuwait

Research Presentation - Undergraduate

Karanja	Yvette	Park University Vulnerability Management and Network Security
Postavová	Eliška	Coe College Utilization of AI for Designing Quantum Protocols

Keynote – Friday Dinner

Community, Computing, Connections: Metamorphosis

Dr. Helen Gebre-Amlak

Principal Software Engineer
Blackhawk Network



Dr. Helen Gebre-Amlak is a 1.5 immigrant who came to the United States as a college student to pursue her education. During her high school she traveled to three continents before she came to the University of Kansas for her undergraduate degree. She will share her experience as a young girl discovering her role in her local community and her metamorphosis journeys through the different countries and the evolution of her roles in the newly adopted communities. She will also share her experience as a Lead Software Engineer in the tech world and the home life as a mother to three children.

Keynote – Saturday Luncheon

Empowering Women in Tech: From Challenges to Mastery, Learning, Resilience and Problem Solving

Teresa Cain

Director of Product Management, User Experience, and Design
TreviPay



In this inspiring keynote, join Teresa Cain as she shares her remarkable journey into the world of technology, product management, user experience, and design. Through personal anecdotes and experiences, she'll take you on a path to achieving mastery in these dynamic fields. She'll explore her path of resilience, learning, and problem-solving while navigating life as a technology leader, startup coach, returning to school, and publishing a book all while balancing a family. Teresa Cain, a seasoned professional and bestselling author with over 16 years expertise in technology leadership, will demonstrate how, through determination and perseverance, anyone can make a meaningful impact in the ever-evolving world of technology. Get ready to be motivated, empowered, and ready to take on your own tech challenges as you embark on this transformative journey together.

MINK WIC 2023 Committee Members

Dr. Erin Doyle	Doane University
Dr. Carolyn Brodie	Simpson College
Dr. Tiffany Ford	Ozarks Technical Community College
Dr. Wen-Jung Hsin	Park University
Dr. Priscilla Jimenez	Grinnell College
Dr. Liza Kleiman	University of Iowa
Kirsten Markley	Ozarks Technical Community College
Dr. Samuel Rebelsky	Grinnell College
Dr. Rafida Zaman	University of Missouri - Kansas City

MINK WIC 2023 Conference Chairs

Conference Chair:	Dr. Erin Doyle
Program Chair:	Dr. Wen-Jung Hsin
Fundraising Chairs:	Dr. Wen-Jung Hsin & Dr. Samuel Rebelsky
Registration Chair:	Dr. Tiffany Ford
Media and Communications Chair:	Dr. Carolyn Brodie & Dr. Rafida Zaman
Student Participations	
Poster Contest Chair:	Dr. Priscilla Jimenez
Undergrad & Graduate Research Chair:	Dr. Priscilla Jimenez
Lightning Talk Chair:	Dr. Liza Kleiman
Student Social Chairs:	Isabella Paulsen & Annalisa Karacay
Website Chair:	Dr. Wen-Jung Hsin
Survey Chair:	Dr. Wen-Jung Hsin

ACM-W North America Volunteer Opportunities

Are you interested in volunteering for *ACM-W North America*? Please see <https://acmwnorthamerica.acm.org/volunteers/> for more information.