MONDAY	March 18 th				
8 -9:00 am	Breakfast	Diamond Ballroom Foyer	1:30 - 3:30 pm	RESEARCH PRESENTATIONS Data Science Related Topics	Diamond I Ballroom
9 - 9:10 am	Morning Introduction Xiaogang Ma	Diamond I Ballroom	1:30 pm	A Large Language Model Application in E Science Data Analysis - Jiyin Zhang (U of	
9:10 am - noon	RESEARCH PRESENTATION Interacting Factors in Tick-Borne D		1:52 pm	A New Recommender System for Open Data with Trust Ranking and Social Trust Network - Chenhao Li (U of I)	
9:10 am	Spatiotemporal Association between Lyme Disease Occurrence and Environmental Factors - Meifang Li (Dartmouth) Collaborators: Xun Shi, Xiang Que, Zhe Wang, Zhuoming Liu, Dorothy Wallace, Jonathon Winter, Joseph Savage, Yan Lin, Chao Fan, Xiaogang Ma		2:14 pm	TickTrax: A Mobile and Web-Based Application for Tick Monitoring and Analysis - Joanna Lopez (UNR) Collaborators: Denielle Oliva, Ryan Dahan, Rohman Sultan, Joanna Lopez, Monika Gulia-Nuss, Andrew B. Nuss, Mike B. Teglas, David Feil-Seifer, Frederick C. Harris Jr.	
9:35 am	Assessing Lyme Disease and Landscape Fragmentation Dynamics Using Spatiotemporally Weighted Regression (STWR): A Town-Level Study in Connecticut - Zhe Wang (U of I)		2:36 pm	Procedure of using GPS data to estimate environmental exposure - Zuoming Liu (UNM) Collaborators: Al Ekram Elahee Hridoy, Yan Lin, Zhe Wang, Xiang Que, Meifang Li	
10:00 am	Impact of climatic, landscape, and social vulnerability determinants on Rocky Mountain Spotted Fever in Arizona - Al Ekram Hridoy (UNM) Collaborators: Yan Lin, Meifang Li, Zhe Wang, Zhuoming Liu, Murphy John, Xi Gong, Li Luo, Chao Fan, Irene Ruberto, Xun Shi		2:58 pm	Using AI to Enable Modern Semantic Search with TickBase - Luke Sheneman (U of I) Collaborators: John Brunsfeld, Zhuoming Liu, Yan Lin, AI Ekram Elahee Hridoy	
10:25 am	UNR Tick Updates - Andrew Nuss (UNR) Collaborators: Mike Teglas, Monika Gulia-Nuss, Claudia Rueckert, Fred Harris				
10:50 am			3:30 - 5:00 pm	POSTER SESSION	Diamond I Ballroom
11:05 am	Tick Genomics - Molly McVicar (U Collaborators: Monika Gulia-Nuss	NR)		Brief poster presentations followed by oper and Best Poster Award.	n discussion
11:30 am	Generative AI in STEM Based Video Games - Barrie Robison(U of I)			*See detailed poster information on page 4.	
12 - 1:00 pm	Sponsored Lunch	Diamond Ballroom Foyer	5:45 - 6:30 pm	Reception	The Atrium
1 - 1:30 pm	Free Time		6:30 - 7:30 pm	Sponsored Dinner	The Atrium

TUESDAY	March 19 th		POSTERS		Diamond I Ballroom
8 -9:00 am 9 - 9:10 am		ond Ballroom Foyer Diamond I Ballroom	1	Joshua Dahl (UNR) and Erik Marsh (UNR) about the Dangers of Ticks the Fun Way Al Ekram Hridoy (UNM) and Zhuoming (Le	·
9:15 am - noon	SUSTAINABILITY PLANNING	Diamond I Ballroom	2	combining GPS and environmental data to in Ramah Navajo Nation Collaborators: Yan Lin, Al Ekram Hridoy, Zhuoming	examine dog-tick interactions
9:15 am 10:15 am	PI and Co-PI Panel Xiaogang Ma, Xun Shi, Barrie Robison, Yan Lin, Breakout Groups Groups will utilize the Diamond I Ballroom, Wills and Valcour Rooms as needed		3	Murphy John (UNM), Spotted Fever Ricket United States Presented by Dr. Yan Lin on behalf of their student Chenhao Li (U of I), A New Recommender Strust Ranking and Social Trust Network	tsiosis Dynamics in the
11:15 am	Breakout Groups Report Back		5	Joanna Lopez (UNR), TickTrax: A Mobile a for Tick Monitoring and Analysis Collaborators: Denielle Oliva, Ryan Dahan, Rohmar	
12 - 1:00 pm 1 - 1:30 pm	Sponsored Lunch Diam Free Time	ond Ballroom Foyer	6	Gulia-Nuss, Andrew B. Nuss, Mike B. Teglas, David Zeynab Maghsoudi (UNR), <i>TICKDB: TICK-Knowledge Graph Construction</i>	
1:30 - 3:15 pm 3:15 - 3:30 pm 3:30 pm 4:00 pm	Group Sustainability Discussion and Vote BREAK Reporting Overview NSF E-DOCS Closing Remarks Xiaogang Ma Evaluator Focus Session with Objective Leads	s (by invitation only)	9	Molly McVicar (UNR), The Genetic Landscand the Pathogen Prevalence of Ticks in the Justin Riggs (U of I), Herd Shep: A STEM v models of evolution Collaborators: Terry Soule, Barrie Robison, Landon Carson Rueber (U of I), Outbreak Simulator Disease Using Compartment Models Collaborators: Carson Rueber, Landon Wright, Barrie Joseph Savage (Dartmouth), Modeling the Response to Climate and Land Cover in the Collaborators: Jonathan M. Winter, Lucas E. Price	e American West ideo game using agent based Wright, Ava Rummler r: An Interactive Simulation of e Robison Spread of Lyme Disease in
5:00 PM	Dinner on your own		11	Jiyin Zhang (U of I), <i>LLM-Assist Data Analy</i> <i>Environmental Data Science</i>	rsis Case Study in Earth and