

# Day of Data Science

MARCH 22, 2023 • 9:00 AM - 3:00 PM • UNT GATEWAY CENTER

## TIMES & SPEAKER DETAILS

9:10 - 9:50 AM Keynote - **The Future of AI in Healthcare is Converged**  
Cortnie Abercrombie - CEO, AI Truth

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9:50 - 10:00 AM BREAK

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## LIGHTNING TALKS

10:00 - 10:10 AM **Education and Research**  
Dr. Junhua Ding - Reinburg Endowed Professor in Data Science, UNT Department of Information Science

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10:15 - 10:25 AM **VR/AR/XR Research for Emergency Response and Data Visualization**  
Dr. Sharad Sharma - Professor of Data Science, UNT Department of Information Science

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10:30 - 10:40 AM **Knowledge Beyond Language with Vector Embeddings**  
Dr. Ting Xiao - Assistant Professor, UNT Department of Information Science

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10:45 - 10:55 AM **Data Science for Multiple Fields: From Model Construction to Data Quality**  
Dr. Haihua Chen - Clinical Assistant Professor, UNT Department of Information Science

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11:00 - 11:10 AM **What Kind of Data Scientist do you want to be?**  
Shad Griffin - Senior Client Engineering Data Scientist, IBM Technology

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11:10 - 11:20 AM **Using Machine Learning to Bridge Customer-Facing Apps and Operation Teams**  
Dr. Jiankun Liu - Software Development Manager, Amazon Web Services

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11:20 - 11:30 AM **How to Increase Success on Data Science Projects**  
Brisa Ponce - Data Analytics Director, Peterbilt Motors

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11:30 - 11:40 AM **Projects and Challenges at Source Infotech**  
Asim Badar - Accounts Executive, Source InfoTech Inc.

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11:40 - 11:50 AM **Staying Valuable in a ChatGPT World**  
Dr. Michael Monticino - Professor, UNT Toulouse Graduate School

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12:00 - 1:00 PM **LUNCH**

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1:00 - 1:40 PM **STUDENT POSTER SESSIONS**

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## DATA SCIENCE RESEARCH TALKS

1:40 - 1:50 PM **Advantages of Bounded Linear Computations in AI/ML**  
Dr. Beddhu Morali - Clinical Associate Professor, UNT Department of Computer Science & Engineering

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1:50 - 2:00 PM **Secondary Data as a Source for Research**  
Dr. Rose Baker - Associate Professor, UNT Department of Learning Technologies

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2:00 - 2:10 PM **The Future of Work with AI**  
Seemit Sheth - Head of Modeling & Machine Learning, USAA

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2:10 - 2:20 PM **Investigating Code Generation Performance of ChatGPT with Crowdsourcing Social Data**  
Dr. Yunhe Feng - Assistant Professor, UNT Department of Computer Science & Engineering

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2:20 - 3:00 PM **Panel Discussion - Real-World Impact of Ethics in AI**  
Dr. Mark Albert, Dr. Sahar Behpour, Dr. Yunhe Feng, Shad Griffin, Saurabh Parkash



# Student Poster Session

| TITLE   | PRESENTER            |
|---|----------------------|
| A Novel Automatic EEG/SEEG Pre-Processing Pipeline for Optimizing Studies of Deep Brain Signals & Seizure Prediction                                | Brandy Xie           |
| Applied Machine Learning to Detect Fraudulent of Financial Transaction Using JPMorgan Chase Dataset   | Ngoc Dao             |
| Continuous Anticipation of Acute Kidney Injury in the ICU using Time-Gated LSTMs  | Mohammed Zubairuddin |
| Decentralizing Agricultural Intelligence: Leveraging Blockchain based Federated Learning for the Benefit of Smallholder Farmers and Food Security   | Meghana Patibandla   |
| Discovering Insights in Disaster Informatics Research Before and During the Pandemic  | Ngan Tran            |
| Information Flow and Perception of the Fourth Industrial Revolution   | Daniel Agbaji        |
| Infusing Ethics into AI and Data Science Pedagogy   | Mimi Byun            |
| Keyword-based Augmentation Method to Enhance Abstractive Summarization for Legal Documents  | Huyen Nguyen         |
| Mitigating Occupational Stereotypes ion Image Search with Artificial Creativity   | Colton Clemmer       |
| Neural Receptive Field Modeling Using Efficient Coding in a Mobile App  | Rhea Pookulangara    |
| #NoMore: An Analysis of Topics and Sentiments Indicative of the War in Ethiopia   | Ijay Kaz-Onyeakai    |
| Replies to Incivility that Deescalate the Conflict  | Ashley Zhao          |
| Opportunity to Stop Cyberbullying with A Single Click   | Tingkai Guan         |
| Summary of Discussions of ChatGPT on Social Media with Topic Models   | Olivia Wang          |
| Uncover Marginalized Narratives of Japanese American Incarceration: An Annotation Scheme for Natural Language Processing and Data Analytics         | Roopesh Maganti      |
| Assessing Financial Journalism by Using Novel ML Technique: Evidence from FAANG + Shares by using 8-K Reports and Variability of Stock Price of USA | Mohotarema Rashid    |
| Towards Evaluating the Impact of Incentive/Non-incentive Reviews on Customers' Decision-making  | Kate Kargozari       |
| Predicting the 3D Structures of Non-Crystalline Materials   | Lavinia Pieptea      |