**2025 Spring Research-A-Thon**

The **2025 Spring Research-A-Thon** is designed to foster innovation, collaboration, and excellence in research within the fields of **Data Science**, **Artificial Intelligence (AI)**, and **Quantum AI**. This event provides a dynamic platform for both **graduate** and **undergraduate** students to showcase their research, exchange ideas, and engage with industry professionals and academic experts.

By participating in the **Data Science/AI** and **Quantum AI** tracks, students can:

* Present original research and innovative solutions to real-world problems
* Gain valuable feedback from faculty mentors, industry partners, and peers
* Demonstrate practical applications through live demos and technical presentations
* Compete for prizes and recognition, encouraging excellence in research
* Build connections across interdisciplinary communities within academia and industry

The Research-A-Thon aims to inspire the next generation of researchers and practitioners, promoting advancements in cutting-edge technologies that address current and future challenges. It also highlights the growing impact of AI and Quantum AI in shaping science, technology, and society.

**Hosted by** UDICA (UMKC Distributed Intelligent Computing Association) and QSAIC (The Quantum Society for Artificial Intelligence & Computation) and **co-hosted by** T-Mobile. This event is proudly sponsored by **UMKC School of Computing, Analytics, and Mathematics (CAM), IEEE,** the **Regnier Institute for Entrepreneurship and Innovation,** and **IBM.**

**Tracks**

Participants will submit their projects under one of the following three tracks:

1. Data Science / AI Track – Graduate Students
2. Data Science / AI Track – Undergraduate Students
3. Quantum AI Track – Open to All Levels

**Prizes and Recognition**

Outstanding projects in each track will be recognized with the following awards:

* First Prize: $1,000
* Second Prize: $700
* Third Prize: $500

One or two Honorable Mentions may also be awarded in each track.

Please note: Prize amounts and the number of awards may be adjusted depending on the number and quality of submissions received in each track.

**I. Poster Design Instructions**

**Poster Size and Template Recommendation**

* Participants may use either a **48x36** (Landscape: 48 inches wide by 36 inches high) or **36x24** (Landscape: 36 inches wide by 24 inches high) poster. It is recommended that the 48 x 36 inch size for the Graduate Data Science/AI Track and the Quantum AI Track be used 48 x 36 inch size for the Graduate Data Science/AI Track and the Quantum AI Track to allow more space for detailed content.

**Template Selection**

* Choose a template that aligns with your project’s theme and the focus of your track. Pay attention to layout, color scheme, and organization of content.
* Recommended template resources include:
  + PosterPresentations.com: <https://www.posterpresentations.com/free-poster-templates.html>
  + PosterNerd.com: <https://www.posternerd.com/sciposters-templates>

**Content Preparation**  
Your poster should clearly communicate your project’s contribution within your selected track. Required sections include:

1. Title Slide: Project title, participant name(s), and affiliation(s)
2. Introduction: Problem statement and background
3. Objectives: Research goals or hypotheses
4. Methodology: Research approach, model design, or experimental process
5. Results: Key findings supported by visuals such as charts, graphs, or images
6. Discussion: Significance of results and innovative aspects
7. Conclusion: Summary of outcomes and overall impact
8. Future Work: Suggestions for continued research or next steps
9. Acknowledgments: Recognition of advisors, collaborators, or sponsors
10. References: Key literature or sources cited in your research

**II. Print Request Form**

If you need assistance with printing your poster, please complete the Print Request Form.  
Access the form here: <https://umkc.box.com/s/ha2dzqyw0120zazt6slcl8934cl1m2ti>

**Please note:** You do **not** need to email your submission. Instead, submit this form along with your poster file (PPTX or PDF) using the designated submission link. Do **not** send materials to **UMKCSSEposterjobs@umkc.edu**.

**III. Video Submission – Technical Presentation with Demo**

Prepare a two-minute video that summarizes your project and demonstrates its key features. Ensure that your presentation highlights the relevance of your project to your chosen track (Graduate AI, Undergraduate AI, or Quantum AI).

The video should include the following components:

1. Project Overview: Brief description of your project, objectives, and how it fits within the track
2. Live Demo: Showcase the functionality, key features, or results of your project
3. Conclusion: Highlight the project’s impact, innovation, and potential for future work

**IV. Submission Process**

Participants are required to submit all of the following materials **together** via the 2025 Spring Research-A-Thon Submission Form:

* Poster (PDF format)
* Print Request Form (if applicable)
* Two-minute Video Link (uploaded to an approved platform such as YouTube, Google Drive, etc.)

**Deadline for submission**: April 1 at 12:30 PM.  
**Submission Link**: <https://forms.gle/AEg68hnDhZdzzTcn8>

Make sure all files and links are properly named and submitted according to the guidelines, and that your track designation (Graduate AI, Undergraduate AI, or Quantum AI) is clearly indicated.

**V. Evaluation Criteria**

Submissions will be evaluated based on the following criteria, with a strong emphasis on **innovation**:

* Creativity and Innovation: The originality of the idea and the innovative approach in addressing the problem.
* Applicability and Real-World Impact: The potential for the project to solve real-world challenges or contribute to advancements in the field.
* Quality of Research and Presentation: The depth and rigor of the research, as well as the clarity and professionalism of the poster and video presentation.
* Effectiveness of the Live Demo: How well the live demonstration showcases the functionality, feasibility, and potential of the solution.
* Unique Contributions: The distinct value and advancements the project brings to AI, Data Science, or Quantum AI.

**Important Information**

The 2025 Spring Research-A-Thon is an excellent opportunity to showcase your cutting-edge research and innovative solutions in Data Science, AI, and Quantum AI.

This event is hosted by UDICA (UMKC Data Science and AI Club) and QSAIC (Quantum Science and AI Club), co-hosted by T-Mobile, and proudly sponsored by UMKC College of Arts and Sciences (CAM), IEEE, the Regnier Institute for Entrepreneurship and Innovation, and IBM.

We look forward to your participation!