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Midwest Research Computing and Data Consortium

Midwest RCD Newsletter

September 30, 2025

Midwest RCD Profile Spotlight: Student Experience Program Participants

Ahvar Hossain: Computer Science, University of Toledo

Dali Hermosis: Systems Biology and Bioinformatics, Case Western Reserve University

Dung Pham: Data Science + Mathematics, Case Western Reserve University

Mahmoud Ghulaq: Computer Science, Wayne State University of Michigan

Tina Bu: Computer Science, Case Western Reserve University

Yashpal Dahiya Kilonadi: Computer Science + Economics, Youngstown State University

Series: Insights from the Student Experience Program. Voices from the Midwest RCD Consortium.

This is a series where we delve into the experiences of participants in the Student Experience Program (SEP), which pairs students with mentors from Midwest RCD institutions. During the Annual Networking Meeting. This year, six students from four institutions participated.

Read the interview with Student Program Participants →

Recommend a Colleague for a Profile Spotlight Interview →

Teamwork In Action: Midwest RCD Joined at PEARC25

The Midwest RCD Consortium Program Office had a blast at #PEARC25, connecting, sharing, and showcasing our work! We presented our Student Experience Program, Midwest RCD and our ACCESS initiatives, sparking inspiring conversations with peers and poster judges alike.

A huge thanks to the organizers, presenters, and everyone who stopped by – teamwork in action!

Read More about Our PEARC25 Experience →

Year-In-Review: Consortium 2024-2025 Annual Report Is Available!

What a year! From our Annual Meeting and post-event surveys to the Next Gen Data Center workshop, institutional insights, and the Student Experience program, **2024–2025 was full of connection, discovery, and impact**. Dive into the highlights and key takeaways in our **Annual Report**!

2024-2025 Annual Report

New Program Alert: RCD Emerging Leaders Prepares to Welcome Its First Cohort!

We're thrilled to launch the **RCD Emerging Leaders Program**, created for early- to mid-career professionals who want to enhance their leadership skills and lead with purpose in research computing and data. The program is built around seven core components: virtual orientation, professional development opportunities, three cross-institutional visits, a team capstone project, cohort engagement and learning activities, self-reflection, and a culminating experience at the Midwest RCD Annual Meeting, providing a solid and well-rounded leadership journey.

The response to our inaugural call for applications was outstanding! We received 27 applications from 12 Midwest institutions, demonstrating development in RCD. We'll be announcing the first cohort soon, and the program officially kicks off in late October.

Learn More →

Residency Fellows Program: Funding Available

Have plans to spend time at another Midwest institution to grow your skills and strengthen your research computing and data practice? The Midwest RCD **Residency Fellows Program** is here to support you.

The program provides **$1,200 in travel support** for selected individuals to participate a self-arranged, week-long residency at another Midwest institution. This opportunity is designed for research computing professionals, grant hands-on experience and explore new ideas with peers across the region.

Residencies should be co-designed by the applicant and the host institution and must align with the Consortium's mission of collaboration and capacity building in research computing and data. Fellows are asked to share a short reflection or summary of their experience after the visit.

Interested? Reach out for details or submit your proposal at phjlps.edu.

Affinity Groups: Learn More About the Application Process

Affinity Groups provide a platform for collaboration around shared topics of interest in research computing and data.

Have an idea? Propose a new group, and we'll support you in bringing it to life! We can provide a limited financial support to help you organize events, discussions, and activities that benefit the research computing and data community. Current groups include:

- AI in RCD
- Cryo-EM
- Next Generation Data Centers
- Globus Compute
- Scientific Cloud Computing
- CI Value: Return on Investment and Impact

For further information, please email us at phjlps.edu.

Learn More About Affinity Groups

Affinity Group Application Form

Student Opportunities

Know an event to include here? Submit your upcoming student opportunity

Applications due Sept 30, 2025

Entire "Rusty" Lush Travel Scholarship
https://www.rustyscholarship.com/
Lush Travel Scholarship (aka "Rusty") is a scholarship for students who love to travel.

Graduate students who lack institutional funding can apply for the Entire "Rusty" Lush Travel Scholarship, which covers full RCD conference registration and up to $1,600 in travel reimbursement. We accepted paper or poster submissions from any relevant field, and each student chosen can receive the scholarship only once.

Applications due October 1, 2025

Jetstream2 NAIRR AI Fellows Program
The Jetstream2 NAIRR AI Fellows Program offers early career and graduate students a 10-week, remote, paid internship (stipend of $7,500 plus Jetstream2 cloud credits) from January to September 2026, the program includes project coaching, specialized AI training, and a chance to work on real-world AI projects. The goal is to the research community. Graduate students must include a letter of collaboration from their advisor.

Accepting applications NOW!

Downtown Computational Science Intern
Quadrivium is seeking a Computational Science Intern to join their team in Downtown Columbus, Ohio. This is a 12-month internship focused on challenging cross-transport problems, refining and improving numerical tools, and collaborating with a numerical physics leader on key projects.

Various application deadlines

Sandia National Laboratory - Center for Computing Research
Sandia offers a variety of pathways for graduate and undergraduate students to engage in a stimulating multidisciplinary research. Students have paid through programs such as the Computer Science Research Institute (CSRI), Summer Research Institute, Graduate Research Assistant, internship programs, Sandia CARE, NNP Mathematical Sciences Graduate Internship, and the University Research Association Fellowship. With such a variety of opportunities, and many, there are opportunities to match many interests and skill sets.

Various application deadlines

U.S. Naval Research Laboratory Student Programs
NRL participates in several Student Programs, each with their own features and requirements. Select a program for more information and learn how to apply for each one.

Various application deadlines

IEEE Computer Society Student Achievements in Computing
Get recognized for your achievements as a student member of the IEEE Computer Society by applying for a scholarship or award program.

Connect with the Midwest RCD

Office Hours with the Program Office at RJ
Join us any Tuesday at 11 a.m. Eastern. No registration needed, just click on the Zoom link in your the day of.

Add Tuesdays to calendar. Tuesdays at 11 a.m. ET Zoom. →

Join Office Hrs LinkedIn Page

Upcoming Related Events and Opportunities

Know an event to include here? Submit your Midwest RCD related event or opportunity

Monthly | Recurring
Webinar: Preparation Resources via the National AI Research Resource (NAIRR) Pilot
AI researchers, educators, and support staff are invited to attend this webinar to learn about preparation resources and opportunities to access resources through the National AI Research Resource (NAIRR) Pilot. The session will cover program eligibility, proposal instructions, review criteria, and example resource estimates.

Registration: https://nsfvenue3.zoom.us/webinar/register/WN_ZY-mVbdLqqGy_ZJ8qWAqwAA

Webinars will be recorded, with mini-set ends for uncorrected audience questions. Recordings and slides will be shared via the NAIRR Pilot and CARC YouTube channels.

Monday-Thursday, October 27-30 | St. Louis, MO
EDUCAUSE Annual Conference
The EDUCAUSE Annual Conference is where the best thinkers in higher education technology. This is THE event where professionals and organizations from across the globe come to share their ideas, learn about cybersecurity, and discover solutions to today's challenges. It's the largest gathering of your peers, people you can relate to, learn from, and stay connected to throughout the year.

Sunday-Friday, November 16-21 | St. Louis, MO
SC25: The International Conference for High Performance Computing, Networking, Storage, and Analysis
Plan to attend the SC25 Exhibit and 10 provides the leading technical program for the HPC community. The Program is designed to share best practices in all areas of high-performance computing.

Various - Online Workshopps
ACCESS Events & Training
ACCESS is an ecosystem that stands for "Advanced Cyberinfrastructure Coordination Ecosystem: Services & Support". It is a set of well-established and trusted by the National Science Foundation (NSF) to help researchers and educators advance the nation's advanced computing systems and services. ACCESS provides a wide range of services, from easy-to-use tools, offering unique professional development opportunities. Interested in presenting your work? Get in touch with us!

Wednesday, September 23
Ohio Supercomputer Center, Oklahoma Supercomputer Symposium 2025
Mark your calendars for the Oklahoma Supercomputing Symposium 2025, taking place Wednesday, September 23, 2025, 9 AM-5 PM CT. This symposium will be held virtually via Zoom, bringing together researchers, industry experts, and students to explore the latest in supercomputing and computational science.

Connect with the Community

Slack - Join Slack →
LinkedIn Group - Page →
Join Mailing List →
Forward This Email →

AI in RCD Affinity Group

This group explores the intersection of Artificial Intelligence (AI) and research computing and data (RCD). The group's primary objectives are to provide a space for professionals to discuss how AI is reshaping research support, infrastructure planning, and policy development. Members share insights on emerging trends, tools, and challenges in AI-driven research, advocate responsible and effective AI integration in research environments.

Join the AI in RCD Affinity Group →

Cryo-EM Affinity Group

The Cryo-EM Affinity Group is a community of practice focused on advancing research computing and data (RCD) practices for cryogenic electron microscopy (Cryo-EM) across the Midwest. Cryo-EM is a rapidly growing set of experimental techniques for studying biological structures at scales ranging from entire cells down to individual proteins. These methods come with complex workflows that span various devices, data types, and computational requirements. This group is for anyone involved in supporting Cryo-EM research, from RCD professionals to core facility staff, to researchers, to learn, collaborate on common challenges, and build a shared understanding of tools, workflows, and needs across institutions.

Join the Cryo-EM Affinity Group →

Next-Gen DC Affinity Group

The Next-Generation Data Center group focuses on learning about advancements in facilities and operations of data centers.

Join the Next-Gen DC Affinity Group →

Globus Compute Affinity Group

We strive to build an inclusive and equitable culture which will promote and increase diversity. This group is being created to ensure that there is diversity in committees, events (annual meetings), and leadership positions.

Join the Globus Compute Affinity Group →

RCI Affinity Group

This group focuses on approaches to gauging impact as well as quantitative and qualitative measures needed to communicate the benefits of investments in cyberinfrastructure on our campuses.

Join the RCI Affinity Group →

Scientific Cloud Affinity Group

This group focuses on cloud HPC system approach cloud computing to support increasingly diverse scientific and engineering research and education endeavors and what skill sets CI professionals will need to support cloud workflows and data management.

Join the Scientific Cloud Affinity Group →

Help Grow the Midwest RCD Community: Forward This Newsletter to Your Students & Colleagues

About the Midwest Research Computing and Data Consortium

Regional collaboration seeking collectively to a research focus on shared challenges by seeking collectively on topics of mutual interest, by exchanging organizations that participate in the mission of the organizations by sharing information transparently and by providing opportunities for CI professionals to learn, collaborate, and share information. Information to be mediated, by belonging to a cohort, and to become leaders.

Read more about Midwest RCD →

Midwest RCD

RCN CIP: Midwest Research Computing and Data Consortium

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NSF Award information →

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