



PROJECTS AND RESEARCH

Since its inception, RTP has received over \$1 million through externally funded projects. Topic areas for current and past research projects include:

- Investigation of user behavior at highway-railroad grade crossings
- Cold climate railroad engineering technologies
- Multi-modal transportation of biomass and forest products
- Materials research on railway equipment



RTP IS CONSTANTLY WORKING TO IDENTIFY OPPORTUNITIES FOR REAL-LIFE STUDENT PROJECTS AND RESEARCH. WE ENCOURAGE INDUSTRY STAKEHOLDERS TO CONTACT US WITH POTENTIAL TOPIC AREAS

RTP VISION—Develop leaders and technologies for the 21st century rail transportation

MISSION—Participate in the development of rail transportation and related engineering skills for the 21st century through an interdisciplinary and collaborative program that aligns Michigan Tech faculty and students with the demands of the industry

CONTACT INFORMATION

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INDUSTRY OPPORTUNITIES

INDUSTRY PARTNERSHIPS

Our industry partners and supporters have contributed significantly to the growth and sustainability of the program, both financially and in the development of our students. We thank our partner CN Railway!



RESEARCH

RTP coordinates interdisciplinary graduate research activities in support of the rail industry across campus. We are always looking for good research topics from our supporters.

SPONSORED STUDENT PROJECTS

RTP coordinates opportunities for rail sponsors to connect with student teams to accomplish senior and enterprise projects. These projects can benefit a company or the industry as a whole.

RECRUITMENT

INTERNSHIPS, CO-OP, AND CAREERS

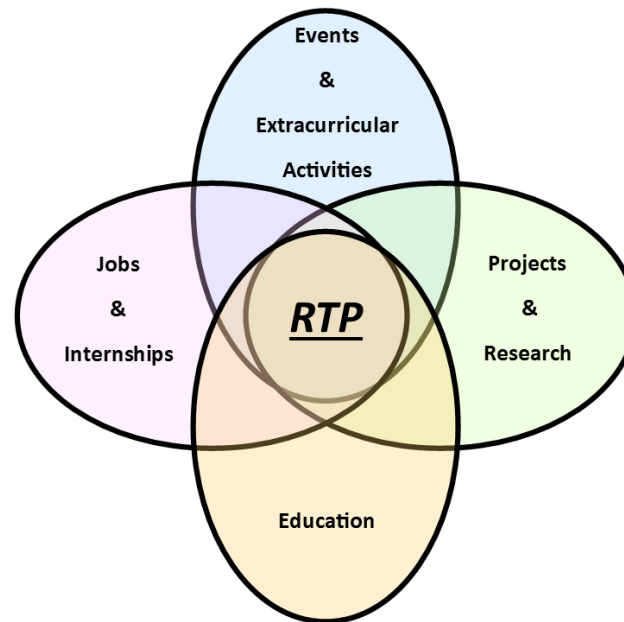
Each year, several Michigan Tech Students and graduates join the rail industry for internships, co-ops, or to start their full-time career. Internships and full-time positions are key components of our program.

RAIL DAY & EXPO

In the fall, every year the RTP and REAC host the Rail Day Expo designed to introduce new students to the railroad industry, and to provide a more targeted opportunity for rail industry recruitment. This event also includes the annual Railroad Night and dinner. This is a great opportunity for industry to support RTP.

MICHIGAN TECH RAIL TRANSPORTATION PROGRAM

We take an integrated approach to programming. Consisting of four integrated components. Together, these components offer a strong framework for activities under RTP. The design creates an interwoven spectrum of rail opportunities, offering a practical and strong grounding in rail education and outreach to our students, the community, and the rail industry.



RAIL TRANSPORTATION MINOR

The RTP attracts students from a wide range of degree programs by providing them unique opportunities to learn more about the rail transportation industry and to develop critical professional skills. Starting the Fall of 2016 RTP now offers a Minor in Rail Transportation. The mix of discipline specific and multi-disciplinary class requirements for this minor provides students with the basic skills and background to work in the rail industry.



YOUTH PARTICIPATION

The RTP supports and organizes events and programs which engage and expose youth to rail transportation and industry:

- Rail and Intermodal Transportation Summer Youth Program
- National Summer Transportation Institute (NSTI)
- Construction Career Day

RAILROAD ENGINEERING AND ACTIVITIES CLUB (REAC)

REAC, the first ever AREMA student chapter approved by AREMA in 2006, and is now celebrating 10 years being a Chapter. REAC provides students with the opportunities to learn more about rail systems and establish contacts with faculty and industry personnel through engaging field trips and industry events.

Key opportunities include:

- Networking
- Education
- Projects and Research
- Field Trips
- Conferences/Visits
- Guest Speakers

