

Securing Next Generation of Rail Professionals – NURail Approach

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Key Presentation Take-Aways

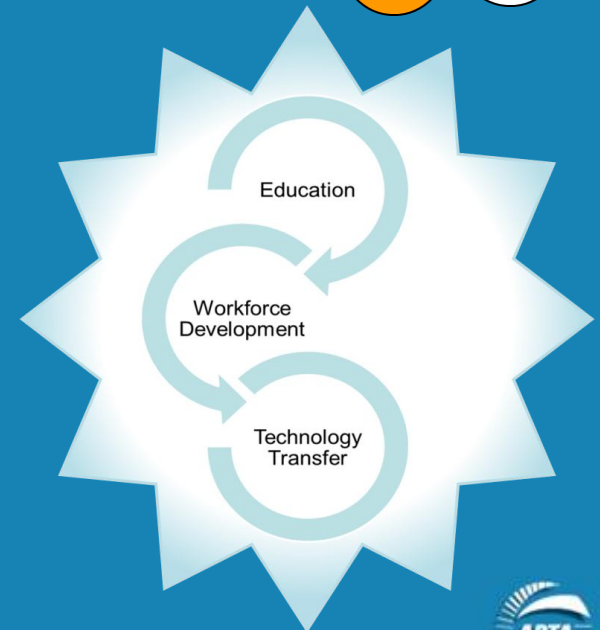
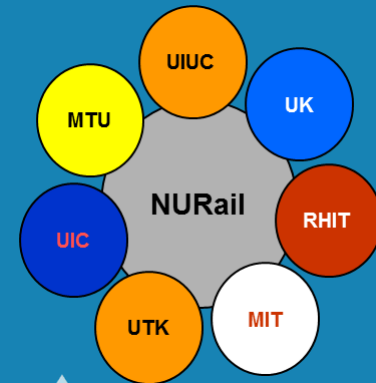
- What is NURail?
- NURail / Industry relationship
- Activities across the board
- It takes “special people”



What is NURail?



- Tier-1 University Transportation Center (UTC) under USDOT / RITA
- Seven university consortium
- Central Theme; *Shared Rail Corridors*
- Close collaboration with industry



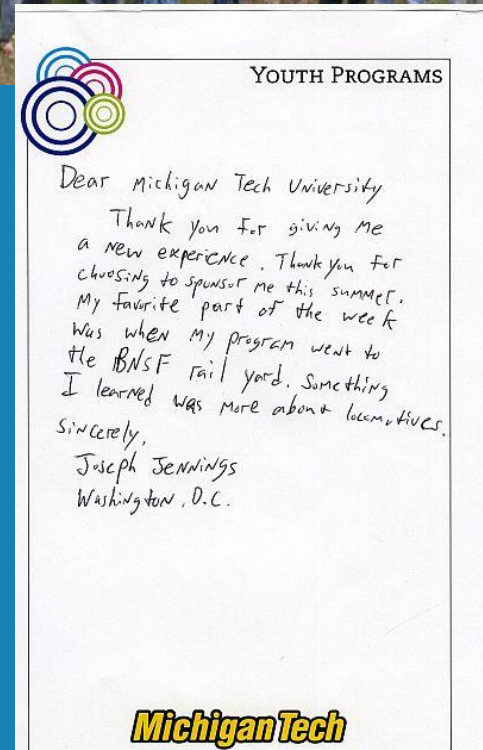
NURail and Rail Industry

- Matching funds
- Executive Advisory Board
- Technical Advisory Committee
- Associations (AREMA, APTA, AAR)
- Wide range of expertise (engineering, operations, policy, passenger/freight)



K-12 Student outreach

- On-campus engineering events
- Teacher workshops
- Rail presentations at schools
- Summer Youth Program (one week)



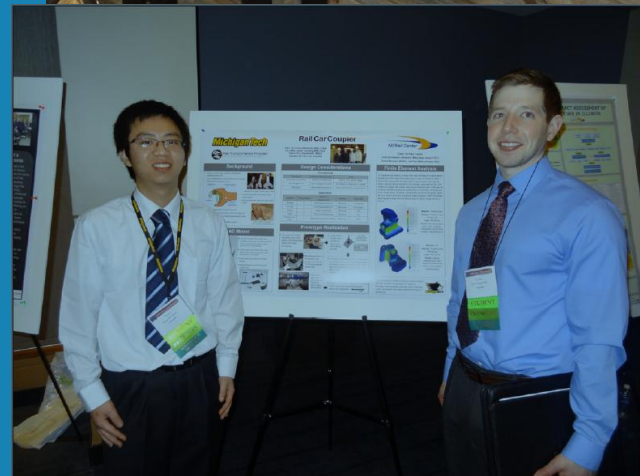
Undergrad, AREMA Student Chapters

- 1 in 2007, 15 in 2013
- Strong support from AREMA leadership
- Annual Conference
- Field visits, guest speakers
- Chapter collaboration



Undergrad / Grad, Joint Rail Conference

- Two dedicated sessions
- 50 undergrad/grad students
- Student Leadership Council
- Sponsorship by NURail and ASME



Professors, Railroad Engineering Education Symposium (REES)

- 2008-2012
- Collaboration with AREMA
- 2.5 days of rail lectures / field visits
- Sponsorship
- Expansion to REES II

