



## Part II - UTC Specific Indicators

University: National University Rail (NURail) Center

Grant #: DTRT13-G-UTC52

Reporting Period: October 1, 2013 - September 30, 2014

Performance Indicators		Consortium Total
<b>Research Capability</b>		
1	Number of papers on NURail sponsored research published in peer-reviewed journals or industry publications:	1
2	Number of publications in academic and industry conference proceedings	6
3	Number of presentations at academic and industry conferences and workshops	13
4	Number of NURail sponsored theses or dissertations at the MS and PhD levels.	
a	Number of MS theses	4
b	Number of PhD dissertations	0
5	Number of NURail final reports issued during the grant year	2
6	Number of citations of each of the above	0
7	Number of research tools (lab equipment, models, software, test processes, etc.) developed as part of NURail sponsored research	4
<b>Leadership</b>		
1	Number of rail-related professional and service organization committees that NURail faculty researchers participate in or lead.	
a	Number participated in	21
b	Number led	2
2	Number of research and educational colloquia and workshops organized	3
3	Number of rail sessions developed and led at major transportation and rail industry conferences	4
4	Number of faculty researchers in leadership positions in:	
a	Professional societies	4
b	Advisory committees	6
c	Conference Organizing Committees	6
5	Number of relevant awards received during the grant year	1
6	Number of NURail professionals participating in short-term and long-range transportation planning	6
7	Number of other activities promoting rail academic research and education	7
<b>Education &amp; Workforce Development</b>		
1	Number of rail courses offered (not necessarily NURail stimulated).	
a	On-Campus	20
b	Distance	10

Performance Indicators		Consortium Total
<b>2</b>	Number of rail related classes developed or modified as a result of NURail funding.	
<b>a</b>	On-Campus	4
<b>b</b>	Distance	1
<b>3</b>	Number of students participating in course offerings (both on-campus and on-line).	
<b>a</b>	On-Campus	480
<b>b</b>	Distance	55
<b>4</b>	Number of internships and full time positions secured in the industry and government during the grant year.	
<b>a</b>	Number of internships	
	Railroads	4
	Consulting firms	4
	Government	0
	Other	4
	<b>Total internships:</b>	12
<b>b</b>	Number of full time positions	
	Railroads	4
	Consulting firms	6
	Government	1
	Other	1
	<b>Total full-time positions:</b>	12
<b>5</b>	Number of NURail sponsored students participating in academic or industry conferences, workshops, or symposia.	
<b>a</b>	Number of students	22
<b>6</b>	Number of K-12 outreach activities and student participants the grant has helped to support	1
<b>7</b>	Number of initiatives / activities related to training / workforce development (live and online)	8
<b>Tech Transfer</b>		
<b>1</b>	Technology transfer focused activities (articles, seminars, posters, workshops, etc.)	11
<b>2</b>	Professional development participation (meetings, briefings, committees)	9
<b>3</b>	New Technologies / Innovation (applications, concepts, technologies, etc. adopted by the rail industry, licenses, cooperative research agreements or creation of new business entities)	2
<b>Collaboration</b>		
<b>1</b>	Number of joint research proposals	4
<b>2</b>	Number of joint papers	3
<b>3</b>	Number of joint presentations	4
<b>4</b>	Number of jointly developed or taught courses	1
<b>5</b>	Number of jointly organized seminars, workshops, or conferences	3

Performance Indicators		Consortium Total
<b>With Outside Organizations</b>		
1	Number of organizations collaborated with during the grant year	19
2	Number of joint research proposals	4
3	Number of joint papers	0
4	Number of joint presentations	0
5	Number of jointly developed or taught courses	0
6	Number of jointly organized seminars, workshops, or conferences	0