

University Transportation Centers Program Performance Indicators

UTC Name:	Small Urban and Rural Livability Center
University:	Western Transportation Institute at Montana State University
Grant #:	DTRT13-G-UTC46
Reporting Period:	10/01/2013 – 9/30/2014

Performance Indicators	Consortium	Consortium Member 1	Consortium Member 2
	TOTAL	WTI	NDSU
1. Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who are associated with the UTC			
Undergraduate courses	1	1	0
Graduate courses	2	1	1
2. Number of students participating in transportation research projects funded by this grant			
Undergraduate students	6	6	0
Graduate students	1	0	1
3. Number of transportation-related advanced degree programs that utilize grant funds to support graduate students			
Masters level programs	0	0	0
Doctoral level programs	1	0	1
4. Number of students supported by this grant			
Undergraduate students	6	6	0
Masters degrees	0	0	0
Doctoral students	1	0	1
5. Number of students supported by this grant who received degrees			
Undergraduate students	0	0	0
Masters degrees	0	0	0
Doctoral students	0	0	0
6. Number and total dollar value of research projects selected for funding using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research			
Number of applied research projects	3	2	1
Dollar value of applied research projects	\$407,000	\$265,000	\$142,000
Number of advanced research projects	0	0	0
Dollar value of advanced research projects	\$	\$	\$

Part II – UTC Specific Indicators	
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1. Research Capability

Description of Indicator	Metric
• Number of papers (reports and studies) published	0
• Number of times the papers are cited in other professional papers and the media	0
• Number of presentations of research results and professional conferences	4
• Number of students participating in transportation research projects	7
• Awards and distinctions	0
• Customer satisfaction surveys (satisfaction with research, trainings, etc.)	n/a

2. Leadership

Description of Indicator	Metric
• Continuation of Summer Transportation Institute	Yes; 12 participants
• Number of students SURLC sponsored to attend and present at national conferences and forums	1
• Number of Graduate Student Seminars on livability issues	1
• Continuation of Undergraduate Research Experience Program	n/a at this time
• Graduate Fellowship Focusing on Livability	n/a at this time

3. Education and Workforce Development

a. Transportation Degree Granting Programs

Description of Indicator	Metric
• Number of transportation courses offered as part of the transportation curriculum and student enrollment numbers	MSU: 45 courses; 210 students (excludes enrollment in required courses). NDSU: 25 courses; 85 students (excludes enrollment in required courses) 1 – ECIV 4
• Number of undergraduate and graduate students participating in transportation research projects;	27 (UG); 18 (grad) 3

• Number of advanced degree programs offered that are transportation related,	4
• Number of students enrolled in transportation-related advanced degrees;	9 MS; 4 PhD
• Number of students who received transportation-related advanced degrees.	3 MS
• Number and academic discipline of faculty involved in transportation research and/or instruction;	2 (CE); 2 (IE)
• Number and description of transportation enhancements to curriculum.	1 (ECIV- Active Transportation Course)

b. Non-Degree-granting programs

Description of Indicator	Metric
• Number of students participating in REU and related programs	8

c. Workforce Development Training

Description of Indicator	Metric
• Number and description of continuing education seminars, workshops, and training courses offered by the Center and number of participants in each;	0
• Data on participant feedback and evaluation of continuing education programs offered	0

d. Workforce Development Extra-Curricular

Description of Indicator	Metric
• Number and description of transportation career-building activities offered to undergraduate and graduate students (e.g. research seminars, guest speakers, technical tours, professional conference travel, etc.); and	1-Active Transportation Class
• Data on job placement for graduates completing advanced transportation degrees.	2 – transportation consulting; 2 - unknown

e. Outreach

Description of Indicator	Metric
• Number and description of K-12 outreach activities developed and offered by the Center;	4
• Number of participants in K-12 outreach activities; and	130
• Description of targeted outreach participant groups by age, grade, ethnicity/race, and gender	Grades K-12; mixed race/gender

4. Technology Transfer

a. Outreach and Collaboration

Description of Indicator	Metric
• Partner across sectors with Universities, private enterprise and state and local governments to share expertise and move research into practice	YES*
• Sponsor a national or regional conference or workshop	0
• Develop short courses and lend support and participate in lecture series, give presentations, conduct panel discussions at existing conferences.	5**
• Conduct webinars on topics relevant to SURLC's mission	0

*Partnered with a health professional from MSU NAPA program, Bike Walk MT statewide advocacy group and the Vibrant Futures group in Havre.

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1. Presentation on trails funding at the Colorado Bike Summit in March,
2. Presentation for an engineering design class at MSU last fall on bike/pedestrian design guides.
3. Three presentations on active transportation study abroad experience to 3 different groups thus far: WTI/CE Department, Billings Built Environment work group, MSU Campus Sustainability Advisory Committee

b. Collect, publish and disseminate research results

Description of Indicator	Metric
• Prepare final reports, and develop peer reviewed journals or academic publications to showcase research results of UTC sponsored research	0 –No Final Reports in Year 1
• Present research findings at regional, national, and international transportation forums.	0 –No Final Reports in Year 1
• Submit research reports and tech briefs to online libraries including TRB's TRID, the National Transportation Library, USDOT Research Hub, Transportation Library, Volpe National Transportation System Center, FHWA Library, and the US Dept. of Commerce National Technical Information Service	0 –No Final Reports in Year 1
• Develop and maintain a robust website and publish a quarterly newsletter featuring the research, education and technology transfer activities of the Center	Yes
• Work with research partners to implement effective solutions and pursue commercialization and licensing opportunities where appropriate	N/A
• Publish annual Research Digest, which provides summaries and key findings from completed research projects.	0 –No Final Reports in Year 1
• Prepare final reports, and develop peer reviewed journals or academic publications to showcase research results of UTC sponsored research	0 –No Final Reports in Year 1

c. *Continuing Education*

Description of Indicator	Metric
• Offer continuing education credits for individuals participating in training events.	0

5. Collaboration

Description of Indicator	Metric
• Number of Projects	3
• Collaborative Partners	5
• Project Funding Totals	\$407,000
• Number of Center Personnel	5
• Student Involvement	7