

University Transportation Centers Program Performance Indicators

UTC Name: Center for Connected Multimodal Mobility (C2M2)

University: Clemson University

Grant #: 69A3551747117

Reporting Period: 10/01/20 - 09/30/21

Performance Indicators	Consortium	Clemson Univ.	Benedict College	Univ. of South Carolina	South Carolina State Univ.	The Citadel	Consortium Member 6
	Total	CU	BC	USC	SCSU	TC	Acronym
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	20	4	5	6	1	4	0
Graduate courses	18	9		4	5		0
2. Number of students participating in transportation research projects during the reporting period funded by this grant							
Undergraduate students in research	26	3	19	2		2	0
Graduate students in research	24	14		7	3		0
3. Number of transportation-related advanced degree programs that utilize grant funds during the reporting period to support graduate students							
Masters level programs	5	3		1	1		0
Doctoral level programs	8	7		1			0
4. Number of students supported by this grant during the reporting period							
Undergraduate students	22	1	19	2			0
Masters students	11	7		1	3		0
Doctoral students	12	6		6			0
5. Number of degrees awarded during the reporting period to students supported by this grant							
Undergraduate degrees	2		2				0
Masters degrees	2	1			1		0
Doctoral degrees	3	2		1			0
6. Number and total dollar value of research projects selected for funding during the reporting period using UTC grant funds (Federal and/or Recipient Share) that you consider to be applied research and advanced research							
*Number of applied research projects	5	1	2	2	0	0	
Dollar value of applied research projects	\$256,064.00	\$47,322.00	\$54,707.00	\$154,035.00			
Number of advanced research projects	14	5	5	2	1	1	
Dollar value of advanced research projects	\$751,231.00	\$ 320,973.00	\$ 135,802.00	\$ 153,794.00	\$ 49,066.00	\$ 91,596.00	

Indicator		CU	BC	USC	SCSU	TC
Research	Total					
Research projects (ongoing and completed in this report cycle)	24	11	1	8	3	1
Multi-institutional projects	30	5	17	5	1	2
Projects involving industry partners	8	5	0	2	0	1
Student participation in research						
Graduate Students	22	13		6	3	
Undergraduate Students	24	1	19	2		2
Students supported by UTC	39	8	19	9	3	
Peer Reviewed Journal articles and Magazine	14	8	6			
Conference Publications	13	2	2	3	3	3
Leadership						
Positions in governing bodies: number of national committees and board memberships	12		1	4		7
Postions on editorial boards	7	4	1	1	1	
Positions in conference leadership	9	3		3		3
Invited talks given	12	8	1	2		1
Leadership and research awards given	12	2	4	1		5
Education						
Theses produced	2	0	0		2	
Dissertations produced	3	2		1		
Distinguished speakers hosted	19	19				
Participants attending	393	393				
Conferences/Seminars offered	1	1				
Participants attending	60	60				
Training Events and Workshops Offered	12	7				5
Internships	1	0	1			
K-12 programs offered	9	1	1			7
Participants attending	280	22	19			239
Technology Transfer						
Technology Demonstrations Given	4	4				
Books and guide books	0					
Collaboration and Diversity						
Membership in professional associations	9	2				7
Diversity activities	3	2	1			
Recruitment activities	19					19

Performance Indicator	Definition
<p>Indicator #1 Number of transportation-related courses offered during the reporting period that were taught by faculty and/or teaching assistants who were associated with the UTC -Undergraduate courses -Graduate courses</p>	<p>In this indicator report the number of undergraduate and graduate transportation-related courses. "Associated" means a faculty member or teaching assistant who receives federal and/or matching funds through the Center to conduct research; and/or a faculty member or teaching assistant who participates actively in education and outreach activities funded by the UTC grant.</p>
<p>Indicator #2 Number of students participating in transportation research projects during the reporting period funded by this grant -Undergraduate students in research -Graduate students in research</p>	<p>In this indicator report the number of undergraduate and graduate students involved in research projects funded by the grant, whether the student receives compensation or not. <i>One example of non-compensated involvement: As part of a course requirement, the student collects or analyzes data for a transportation research project, but is not compensated.</i></p>
<p>Indicator #3 Number of transportation-related advanced degree programs that utilize grant funds during the reporting period to support graduate students -Masters level programs -Doctoral level programs</p>	<p>In this indicator report the number of all advanced degree (masters and doctoral) programs that involved students supported through UTC federal funds and/or match.</p>
<p>Indicator #4 Number of students supported by this grant during the reporting period -Undergraduate students -Masters level students -Doctoral level students</p>	<p>In this indicator report the number of undergraduate, masters and doctoral students who received financial support from the UTC federal funds and/or match in the form of tuition relief, wages or stipend.</p>
<p>Indicator #5 Number of degrees awarded during the reporting period to students supported by this grant -Undergraduate degrees -Masters' level degrees -Doctoral level degrees</p>	<p>In this indicator report the number of undergraduate, masters and doctoral degrees awarded to students who received financial support from the UTC federal funds and/or match during all or any part of their studies AND received their degrees during the reporting period.</p>
<p>Indicator #6 Number and total dollar value of research projects selected for funding during the reporting period using UTC grant funds (Federal and/or Recipient) that you consider to be applied research and advanced research -Number of applied research projects -Dollar value of applied research projects -Number of advanced research projects -Dollar value of advanced research projects</p>	<p>In this indicator report the number of applied and advanced research projects selected during the reporting period and their estimated budget (federal and match funds). If an on-going project was selected to receive additional funding, it should be counted as a phase 2, a continuation or a modification.</p> <p>Definitions of applied and advanced research</p> <p><u>Applied Research</u> The systematic study to gain knowledge or understanding necessary for determining the means by which a recognized and specific need may be met. (OMB Circular A-11)</p> <p><u>Advanced Research</u> An intermediate research effort between basic research (study to understand fundamental aspects of phenomena without specific applications in mind) and applied research. Study that bridges basic research and applied research, and includes transformational change rather than incremental advances. The investigation into the use of basic research results to an area of application without a specific problem to resolve.</p>