Attachment K4

TUES Monitoring System Screenshots: Survey Lead PIs on a Single Project

Welcome

Sign In	New User Registration	
Email addr	ess:	
dboyce@	gicfi.com	
Password:		
•••••		
Sign	ln —	
Forgot your	password?	

NOTICE

The system is closed for maintenance every first Sunday between 7 a.m. and 10 a.m. eastern time. The system will log you out after one hour of inactivity. You must re-enter your login credential to enter the system again.

SURVEY PRIVACY

Information from this data collection system will be retained by the National Science Foundation (NSF), a Federal agency, and will be an integral part of its Privacy Act System of Records in accordance with the Privacy Act of 1974 and maintained in the Education and Training System of Records 63 Fed. Reg. 264, 272 (January 5, 1998). These are confidential files accessible only to appropriate NSF officials, their staffs, and their contractors responsible for monitoring, assessing, and evaluating NSF programs. Only data in highly aggregated form, or data explicitly requested as "for general use," will be made available to anyone outside of NSF for research purposes. Data submitted will be used in accordance with criteria established by NSF for monitoring research and education grants, and in response to Public Law 99-383 and 42 USC 1885c. See the NSF Privacy Policy.

PUBLIC BURDEN

Submission of the requested information is voluntary. Failure to provide full and complete information, however, may reduce the possibility for continuing support through the award/project subject to this survey. Pursuant to 5 CFR 1320.5(b), an agency may not conduct or sponsor, and a person is not required to respond to an information collection unless it displays a valid Office of Management and Budget (OMB) control number. The OMB control number for this collection is 3145-0164. The public reporting burden for the entire collection of information is estimated to average 80 hours per award for Alliance awards and 12 hours per award for other TUES awards, including the time for reviewing instructions. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Suzanne Plimpton, Reports Clearance Officer for OMB Collection 3145-0164, Facilities and Operations Branch, Division of Administrative Services, National Science Foundation, 4201 Wilson Blvd., Suite 295, Arlington, VA 22230.

For more information or help, contact: admin@tuesweb.org, or call (800) 757-9152.

OMB No. 3145-0164 Expires July 31, 2012

Version: 1.5.1.16787



Welcome

Email address:		
Password:		
Sign In		
Forgot your password?		

NOTICE

The system is closed for maintenance every third Sunday between 7 a.m. and 10 a.m. eastern time. The system will log you out after one hour of inactivity. You must re-enter your login credential to enter the system again.

SURVEY PRIVACY

The Federal Government has a continuing commitment to monitor its awards to identify and address any inequities based on gender, race, ethnicity, or disability of the principal investigators, co-principal investigators, trainees, or other participants. Submission of the requested information is not mandatory. If you do not wish to submit the information, please mark the checkboxes provided for this purpose on the Web pages that follow. Information from this data collection system will be retained by the National Science Foundation (NSF), a Federal agency, and will be an integral part of its Privacy Act System of Records in accordance with the Privacy Act of 1974 and maintained in the Education and Training System of Records 63 Fed. Reg. 264, 272 (January 5, 1998). These are confidential files accessible only to appropriate NSF officials, their staffs, and their contractors responsible for monitoring, assessing, and evaluating NSF programs. Only data in highly aggregated form, or data explicitly requested as "for general use," will be made available to anyone outside of NSF for research purposes. Data submitted will be used in accordance with criteria established by NSF for monitoring research and education grants, and in response to Public Law 99-383 and 42 USC 1885c. See the NSF Privacy Policy.

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My Account

Glossary

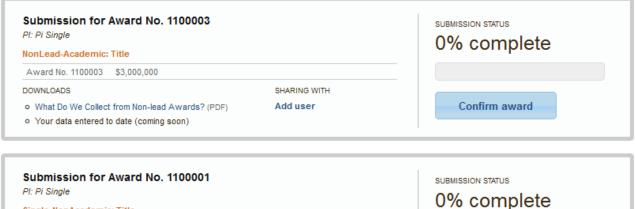
Contact Us

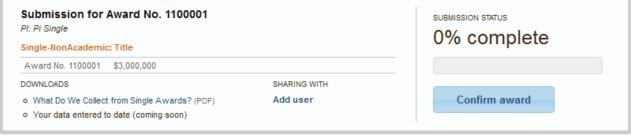
Logout

Data Submissions

Reporting Period: Fall 2010 thru Summer 2011

Please submit data for each of the awards listed below. All submissions are due April 18, 2012.







For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.

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Let's review your TUES/CCLI awards

Reporting Period: Fall 2010 thru Summer 2011

Before you can begin entering data from your project(s), we need to be sure that we are asking you the right questions about the right awards. All of the awards we would like you to provide data for this year are listed below; please review and confirm the information we have for each one. If you aren't sure about any of the awards shown here, you can contact us for assistance.

NSF Award No: 1100003
NonLead-Academic: Title
1. Is Pi Single the Lead Pl on Award No. 1100003?
© Yes
2. What type of proposal was submitted for this award?
A Single Proposal that resulted in only this award (possibly including subawards for collaborating organizations)
A <u>Collaborative Proposal</u> that included simultaneous, linked proposals from investigators at different organizations, with each organization receiving its own TUES/CCLI award
3. Was this the Lead Award on the collaborative proposal?
⊚ Yes ◎ No
NSF Award No: 1100001
Single-NonAcademic: Title
1. Is Pi Single the Lead PI on Award No. 1100001?
© Yes ○ No
2. What type of proposal was submitted for this award?
 A Single Proposal that resulted in only this award (possibly including subawards for collaborating organizations)
A Collaborative Proposal that included simultaneous, linked proposals from investigators at different organizations, with each
A Single Proposal that resulted in only this award (possibly including subawards for collaborating organizations)
A Collaborative Proposal that included simultaneous, linked proposals from investigators at different organizations, with each organization receiving its own TUES/CCLI award
NSF Award No: 1100002
Lead-Academic: Title
1. Is Pi Single the Lead PI on Award No. 1100002?
© Yes ◎ No
2. What type of proposal was submitted for this award?
 A Single Proposal that resulted in only this award (possibly including subawards for collaborating organizations)
A Collaborative Proposal that included simultaneous, linked proposals from investigators at different organizations, with each organization receiving its own TUES/CCLI award
3. Was this the Lead Award on the collaborative proposal?
© Yes ○ No

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Create a Data Submission for TUES/CCLI Award No. 1100001

Single-NonAcademic: Title

Create a nickname for	this submission
ID, you can create a nickr	ESWeb your submission will be referred to by the Award ID. If you have a hard time keeping track of your Award name for your submission that will be used in place of your Award ID within TUESWeb. A good nickname should anyone working on this submission with you. It need not be meaningful to NSF. (Maximum 30 characters).

Save

For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.

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THIS SUBMISSION INCLUDES:

Your Awards:

1100001 (\$3,000,000)

Status Legend

Incomplete



Warning

Data Submissions

Single

Reporting Period: Fall 2010 thru Summer 2011

Each link on this screen takes you to a form for entering data about your project. Choose a link from Section 1 to begin. Throughout this collection, "current reporting period" refers to the period beginning with the first day of fall term 2010 thru the last day of summer term 2011 at your institution.

1. About Your Awards answer for only your awards included in this submission

Award Details

About Your Institution

Subawards

Other Participating Organizations

Uses of Award Funds

Project Management & Evaluation

Reflection

2. About Your Project's Activities answer for only your awards included in this submission

TUES/CCLI Program Components

Disciplinary Focus

Target Audiences

Publications & Presentations

Honors & Awards

Institutionalization

Dissemination

3. Submit your data to NSF by April 18, 2012

When all topics are complete and marked with a green checkmark (💞) you will be able to submit this data to NSF.

For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.

OMB No. 3145-0164 Expires July 31, 2012



Data Submissions My Account Glossary Contact Us Data Submissions > Single THIS SUBMISSION INCLUDES: Your Awards: **Award Details** 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Here is the information NSF has on file about this award. Please review it and indicate whether you have any updates. Status Legend Incomplete NSF Award No. 1100001 ✓ Okay Error Award Title Single-NonAcademic: Title ▲ Warning PI Organization Adrian College, Adrian, MI Phase or Type Phase1 Award Start Date January 1, 2010 Award End Date January 1, 2012 Amount awarded as of \$3,000,000 February 15, 2012 Pi Single Lead PI at the end of the reporting period PI Discipline A discipline Type of proposal O A Single Proposal that resulted in only this award (possibly including subawards for submitted for this award collaborating organizations). O A Collaborative Proposal that included simultaneous, linked proposals from investigators at different organizations, with each organization receiving its own TUES/CCLI award. 1. Do you need to update any of this information? Yes
No Feedback? Add 2. If Yes, please describe the award details you'd like to update: 0 Characters Feedback? Add For more information or help, contact: support@tuesweb.org, or call (800) 757-9152. OMB No. 3145-0164 Expires July 31, 2012



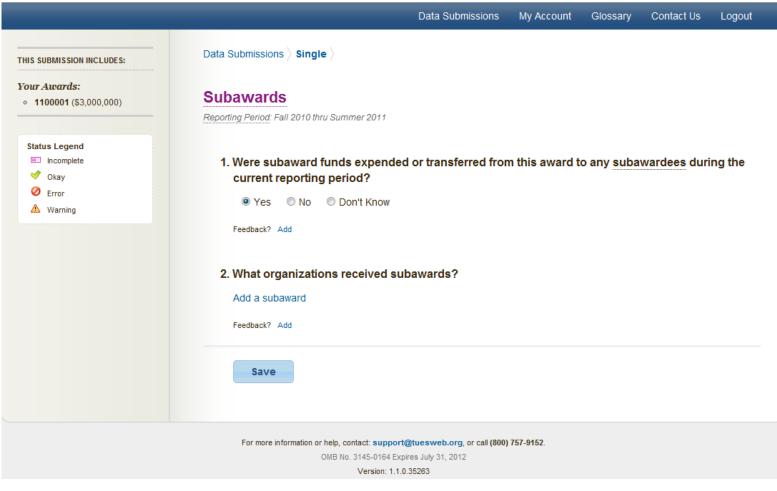
Data Submissions My Account Glossary Contact Us Logout Data Submissions > Single > THIS SUBMISSION INCLUDES: Your Awards: **About Your Institution** 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Status Legend For these questions, consider only your awards included in this data submission. Incomplete Okay Error 1. Type of Institution: (mark one) Warning Adrian College, Adrian, MI has the following classification in the Integrated Postsecondary Data System (IPEDS): Master's degree granting institution If you believe this is incorrect, you can select something different here. If you are not sure, use the IPEDS classification. 2-year Institution 2-year Institution on a 4-year College or University Campus Bachelor's degree granting institution Master's degree granting institution Doctoral degree granting institution Other U.S. Department of Education IPEDs Type (please specify): Don't know Feedback? Hide If you have feedback about this question that could help improve TUESWEB in future years, please include that here. DO NOT use this form for issues or concerns that require a response. For issues requiring a response, please call (800) 757-9152 or email support@tuesweb.org. Save Comment Cancel Save

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OMB No. 3145-0164 Expires July 31, 2012

Version: 1.1.0.35263







Data Submissions Glossary Contact Us My Account Logout Data Submissions > Single > THIS SUBMISSION INCLUDES: Your Awards: Create a new Subaward 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Status Legend Incomplete What type of organization received this subaward? ✓ Okay Academic institution (not including academic consortiums) Error Other type of organization Warning All fields below are required. What is the full name of the academic institution? What type of institution is this? 2-year Institution 2-year Institution on a 4-year College or University Campus Bachelor's degree granting institution Master's degree granting institution Doctoral degree granting institution Other U.S. Department of Education IPEDs Type (please specify): Don't know How many faculty from this institution were involved? Enter DK if you don't know. How many students from this institution were involved? Enter DK if you don't know. Approximately what amount of subaward funds did your award transfer to this organization during the current reporting period? Enter DK if you don't know. New laboratory instruments (that each cost \$5000 or more during the current reporting period) are housed at this organization (or will be housed here when the equipment is delivered). Save Cancel

For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.

OMB No. 3145-0164 Expires July 31, 2012



	Data Submissions My Account Glossary Contact Us Logou
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$
Your Awards:	Constant and Contract of the C
1100001 (\$3,000,000)	Create a new Subaward
	Reporting Period: Fall 2010 thru Summer 2011
Status Legend	
Incomplete	What type of organization received this subaward?
✓ Okay Ø Frror	Academic institution (not including academic consortiums)
Error Marning	Other type of organization
	All fields below are required.
	What is the name of the examination?
	What is the name of the organization?
	Which of the following describes this organization? (mark one or more)
	Academic Consortium
	Business
	Consultant
	■ National Laboratory
	☐ Museum
	Nonprofit
	Professional Society
	Research Institute
	Other (please specify):
	□ Don't Know
	Approximately what amount of subaward funds did your award transfer to this organization
	during the current reporting period? Enter DK if you don't know.
	\$
	New laboratory instruments (that each cost \$5000 or more during the current reporting
	period) are housed at this organization (or will be housed here when the equipment is
	delivered).
	Save Cancel

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OMB No. 3145-0164 Expires July 31, 2012

Data Submissions Glossary Contact Us My Account Logout Data Submissions > Single > THIS SUBMISSION INCLUDES: Your Awards: Other Participating Organizations 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Status Legend For these questions, consider only your awards included in this data submission. Incomplete Okay Error 1. We are interested in the types of institutions that participate in TUES/CCLI projects. Did any ▲ Warning other organizations participate significantly in your project during the current reporting period (not including your subawardees or other awardees in the collaborative project)? Yes
No
Don't Know Feedback? Add 2. Which of the following types of organizations participated significantly in your project? Put a check beside each type that participated. Then, for each type, indicate the number of organizations participating, numbers of faculty/professionals participating, and numbers of students that participated altogether for that type. It is okay to count the same organization or individual in multiple categories. DO NOT include your organization or subawardee organizations. · Include organizations that received project funds, as well as organizations that did not. Enter 0 for none. Enter DK for anything you don't know. U.S. ACADEMIC INSTITUTIONS BY HIGHEST DEGREE GRANTED How many faculty or professionals How many of How many this type of from this type students from this type of organization

participated organization organization significantly? participated? participated? 2-year Institutions 2-year Institutions on a 4-year College or University Campus Bachelor's Degree Granting Institutions Master's Degree Granting Institutions **Doctoral Degree Granting Institutions** Other U.S. Department of Education IPEDs Type(s) (please specify):

		How many of this type of organization participated significantly?	How many faculty or professionals from this type of organization participated?	How many students for this type o organizatio participate
	Institutions with High Disabilities Enrollment (>3% Undergraduates)			
	Institutions with High American Indian or Alaska Native Enrollment (25% or more) – Not Tribally Controlled			
	Institutions with High Black or African American Enrollment (non-Hispanic) (25% or more)			
	Institutions with High Hispanic Enrollment (25% or more))			
	Institutions with High Native Hawaiian or Other Pacific Islander Enrollment (25% or more)			
U.S.	ACADEMIC INSTITUTIONS WITH SPECIAL DESIGNATIONS			
		How many of this type of organization participated significantly?	How many faculty or professionals from this type of organization participated?	How many students for this type o organization
	Historically Black Colleges or Universities			
	American Indian Tribally Controlled Colleges or Universities			
NON	IACADEMIC ORGANIZATIONS			
		How many of this type of organization participated significantly?	How many faculty or professionals from this type of organization participated?	How many students for this type or organization
	Businesses			
	Consultants			
	National Laboratories			
	Museums			
	Nonprofits			
	Professional Societies			
	Professional Societies Other Type(s) of Nonacademic Organizations (please specify):			
	Other Type(s) of Nonacademic Organizations (please			

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OMB No. 3145-0164 Expires July 31, 2012



□ Incomplete ✓ Okay ⊘ Error ⚠ Warning 1. During this reportin (undergraduate, gra ⊚ Yes ○ No ○			ıta submissio	n.						
Uses of Award Fur Reporting Period: Fall 2010 thru St us Legend	ummer 2011 ruestions, consider <mark>only your awa</mark>		ıta submissio	n.						
Uses of Award Fur Reporting Period: Fall 2010 thru St us Legend	ummer 2011 ruestions, consider <mark>only your awa</mark>		ıta submissio	n.						
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Incomplete Okay Error Warning 1. During this reportin (undergraduate, gra	g period, were funds from this		itu suomissio	11.						
Error Warning 1. During this reportin (undergraduate, gra Yes No		award used to sun								
Warning (undergraduate, gra		award used to sun								
● Yes ○ No ○	duate, or postdocs):	awaru useu to sup	port students	S						
	5 44									
If yes, how many student	Don't Know									
	s were paid to work on the project using	funds from this award?								
All fields below are requi	red. Enter DK for anything you don't know.									
Number of undergra	duate students paid	1000	students							
Number of graduate	students paid	4000								
Trained, of graduate	otadomo para	1000	students							
Number of postdocs	paid	1000	postdocs							
	Don't Know									
	red. Enter DK for anything you don't know.									
Total price of all labor reporting period	oratory instruments purchased with the	nis award during this	\$ 10000							
Number of instrumer	nts purchased with this award that co	st more than \$5,000	2	instruments						
where will they be house	oratory instruments (that cost \$5,000 or d?) (Mark one or more) Irian, MI (Primary Investigator's Aware		have not been re	eceived yet,						
☐ At other participati										
☐ Other (please spec	cify):									
□ Don't Know										
Feedback? Add										
Save										
	, contact: support@tuesweb.org, or call (80	0) 757-9152.								



		Data Submissions	My Account	Glossary	Contact Us	Logout		
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$							
Your Awards: ◦ 1100001 (\$3,000,000)	Project Management & Eval	uation						
Status Legend III Incomplete Okay Error Warning	For these questions, consider only your awards included in this data submission. 1. Were any project evaluations conducted during the current reporting period? © Yes © No © Don't Know							
	If Yes, How did you use the information (Mark one or more) To improve the project To document accomplishments To assess changes in knowledge, To assess changes i	skills, or attitudes of un skills, or attitudes of gra skills, or attitudes of fac	dergraduate stu aduate students culty	idents	or course-rel	ated		
	Yes No Don't Know All fields below are required. Enter DK for a In how many courses or course-rela	ited lab sections were p	-	10	courses or labs			
	In all these courses or lab sections of many undergraduate students were materials or instructional strategies?	combined, approximate exposed to the project	ly how	dk	undergraduate stud	lents		
	In all these courses or lab sections of students received a passing grade?		tage of	10	% passed			
	Feedback? Add							
	Save							

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OMB No. 3145-0164 Expires July 31, 2012

Version: 1.1.0.35263



		Data Submissions	My Account	Glossary	Contact Us	Logout				
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$									
Your Awards:	Reflection									
• 1100001 (\$3,000,000)	Reporting Period: Fall 2010 thru Summer 2011									
	For these questions, consider only your awards included in this data submission.									
Status Legend Incomplete	For these questions, cons	sider only your awar c	is included in th	is data sub	mission.					
✓ OkayØ Error	4 What is the CINCLE most important points are a sufficient for the condition and 10									
⚠ Warning	What is the SINGLE most important project accomplishment for the reporting period? Limit 500 characters									
	Limit 300 Granders									
				<u>/</u>						
			0 Characte	rs						
	Feedback? Add									
	2. What is the SINGLE most signif period?	ficant challenge that	the project fa	ced during	the reporting	I				
	Limit 500 characters									
				<u> </u>						
			0 Characte	rs						
	Feedback? Add									
	3. What changes were made to th	e project as outlined	l in the propo	eal during	the reporting					
	period?	e project, as cuante	ani die propo	sai, aariig	are reporting	•				
	Limit 500 characters									
			0 Characte	∠/ rs						
	Feedback? Add									
	7000000. 700									
	Save									
	For more information or help, contact: suppor	rt@tuesweb.org, or call (800)	757-9152.							
	OMB No. 3145-0164 Ex									



	Data Submissions My Account Glossary Contact Us Logout
THIS SUBMISSION INCLUDES:	Data Submissions > Single >
THIS SUDMISSION INCLUDES.	
Your Awards:	TUES/CCLI Program Components
• 1100001 (\$3,000,000)	Reporting Period: Fall 2010 thru Summer 2011
Status Legend Incomplete	For these questions, consider only your awards included in this data submission.
✓ Okay	
Ø Error	1. What is the primary way that your project contributes to the development of exemplary
▲ Warning	undergraduate STEM education? (mark one)
	Assessing and evaluating student achievement
	Conducting research on undergraduate STEM education
	 Developing or adapting learning materials
	 Developing, adapting, or implementing new instructional strategies
	Developing faculty expertise
	Feedback? Add
	reculack: Aud
	2. What other ways does your project contribute to the development of exemplary undergraduate STEM education? (mark one or more)
	Assessing and evaluating student achievement
	☑ Conducting research on undergraduate STEM education
	Developing or adapting learning materials
	 Developing, adapting, or implementing new instructional strategies Developing faculty expertise
	Developing faculty expense
	■ None of the above
	Feedback? Add
	Does a significant aspect of the project include the introduction of new disciplinary knowledge into undergraduate curricula?
	Yes No Don't Know
	Feedback? Add
	Did the project administer any publicly available assessment instruments (e.g., SALG, FCI, NSSE)?
	● Yes ◎ No ◎ Don't Know
	If yes, please list them here:
	Limit 500 characters
	0 Characters
	Feedback? Add
	Save
	For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.
	OMB No. 3145-0164 Expires July 31, 2012
	Version: 1.1.0.35263

Data Submissions My Account Glossary Contact Us Logout Data Submissions THIS SUBMISSION INCLUDES: Your Awards: Single 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Each link on this screen takes you to a form for entering data about your project. Choose a link from Section 1 to begin. Status Legend Throughout this collection, "current reporting period" refers to the period beginning with the first day of fall term 2010 Incomplete thru the last day of summer term 2011 at your institution. Okay Error 1. About Your Awards answer for only your awards included in this submission Warning Award Details Uses of Award Funds About Your Institution Project Management & Evaluation Subawards ✓ Reflection Other Participating Organizations 2. About Your Project's Activities answer for only your awards included in this submission TUES/CCLI Program Components Instructional Materials Instructional Strategies **Disciplinary Focus Assessment Instruments & Processes Target Audiences Publications & Presentations** Research on Undergraduate STEM Education **Faculty Professional Development** Honors & Awards Involvement with Project Materials, Strategies, Instruments & Processes Institutionalization Dissemination 3. Submit your data to NSF by April 18, 2012

For more information or help, contact: support@tuesweb.org, or call (800) 757-9152.

When all topics are complete and marked with a green checkmark (❤) you will be able to submit this data to NSF.

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		Data Submissions	My Account	Glossary	Contact Us	Logout
THIS SUBMISSION INCLUDES:	Data Submissions > Single >					
Your Awards:						
1100001 (\$3,000,000)	Disciplinary Focus					
	Reporting Period: Fall 2010 thru Summer 2011					
Status Legend						
□ Incomplete	1. What is the primary disciplinar	y focus of the projec	t? (mark one)			
Okay						
Ø Error	Interdisciplinary					
⚠ Warning	Astronomy Richards Colored					
	Biological Sciences Chamieta					
	ChemistryComputer Sciences					
	Engineering					
	 Engineering Technology 					
	© Geosciences					
	Mathematical Sciences					
	Physics					
	 Social and Behavioral Sciences 					
	Other (please specify):					
	Don't Know		_			
	Feedback? Add					
	2. What are the additional discipli	inary focuses of the p	project, if any	? (mark one or	more)	
	Interdisciplinary					
	Astronomy					
	■ Biological Sciences					
	Chemistry					
	Computer Sciences					
	Engineering					
	Engineering Technology					
	Geosciences					
	Mathematical Sciences					
	Physics					
	Social and Behavioral Sciences					
	Other (please specify):					
	None					
	☐ Don't Know					
	Feedback? Add					
	Save					
	For more information or help, contact: suppo	ort@tuesweb.org, or call (800)	757-9152.			
	OMB No. 3145-0164 E					

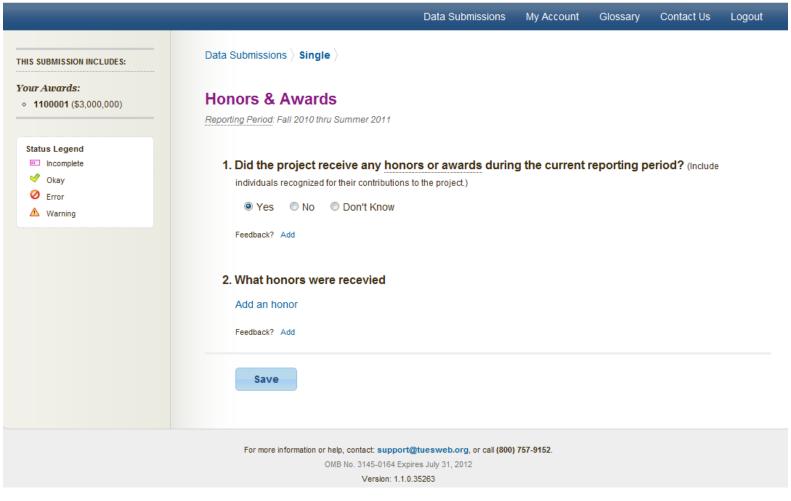


		Data Submissions	My Account	Glossary	Contact Us	Logout			
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$								
Your Awards: ⋄ 1100001 (\$3,000,000)	Target Audiences Reporting Period: Fall 2010 thru Summer 2011								
Status Legend Incomplete Okay Error Warning	1. What course levels does your purposed by Upper division Upper division	project address? (mar	rk one or more)						
	Developmental Don't Know		******						
	Feedback? Add								
	2. What groups are the primary fo	cus of your project?	(mark one or mor	e)					
	 Faculty (e.g., developing faculty en preservice teachers Instructional staff (e.g., graduate) 		lab technicians	, adjunct facu	lty)				
	 ✓ Undergraduate STEM majors ☐ Undergraduate majors other than STEM ☐ Other (please specify): 								
	☐ Don't Know								
	Feedback? Add								
	3. Does the project foster scientification other than STEM majors?	c and/or technical lit	teracy among	students v	vho are in ma	jors			
	● Yes ○ No ○ Don't Know Feedback? Add								
	Save								
	For more information or help, contact: support OMB No. 3145-0164 Ex		757-9152.						



	Data Submiss	ions My Account	Glossary Contact Us Lo
SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$		
Awards:			
1100001 (\$3,000,000)	Publications & Presentations		
	Reporting Period: Fall 2010 thru Summer 2011		
tatus Legend Incomplete Okay Error M Warning	Please provide the number of project-related out current reporting for each of the categories described know.		
	Publication types	Number accepted	Formats produced
	Peer-reviewed journal articles accepted for public during the current reporting period	cation 15	☐ print ☑ online ☐ other electronic format
	Peer-reviewed conference papers or abstracts	0	print print
	accepted for inclusion in conference proceedings dur		online
	current reporting period		other electronic format
	Conference papers or abstracts accepted witho review during the current reporting period	out peer 0	print online other electronic format
	Book chapters in edited volumes accepted for puduring the current reporting period	ablication 0	print online other electronic format
	Monographs or books accepted for publication dur current reporting period	ring the 0	print online other electronic format
	Other publications (e.g., newsletters, magazines accepted for publication during the current reporting		print online other electronic format
	2. Presentations How many presentations or workshops on the properiod? (Include presentations that were conducted by required. Enter DK for anything you don't know.		
	Presentation types	No. of presentation	ons
	Peer-reviewed conference presentations	0	
	Invited conference or meeting presentations	0	
	Invited faculty development workshops	1	
	Feedback? Add		

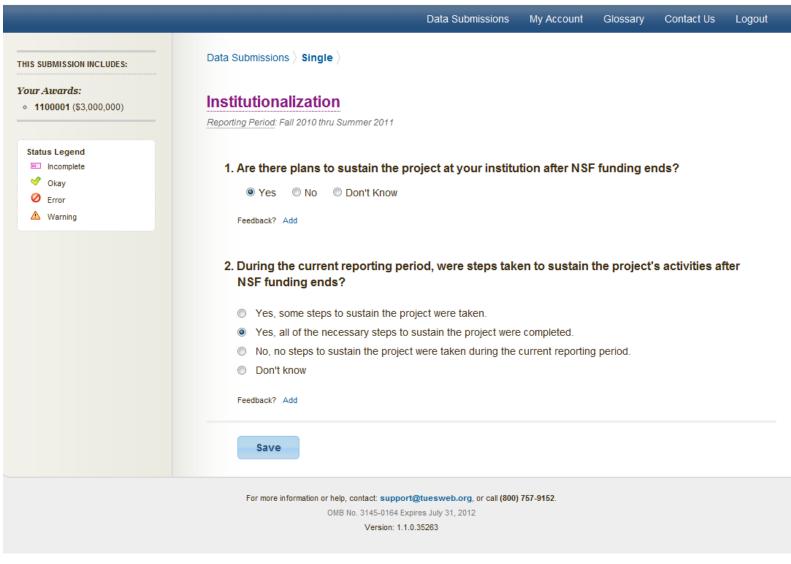




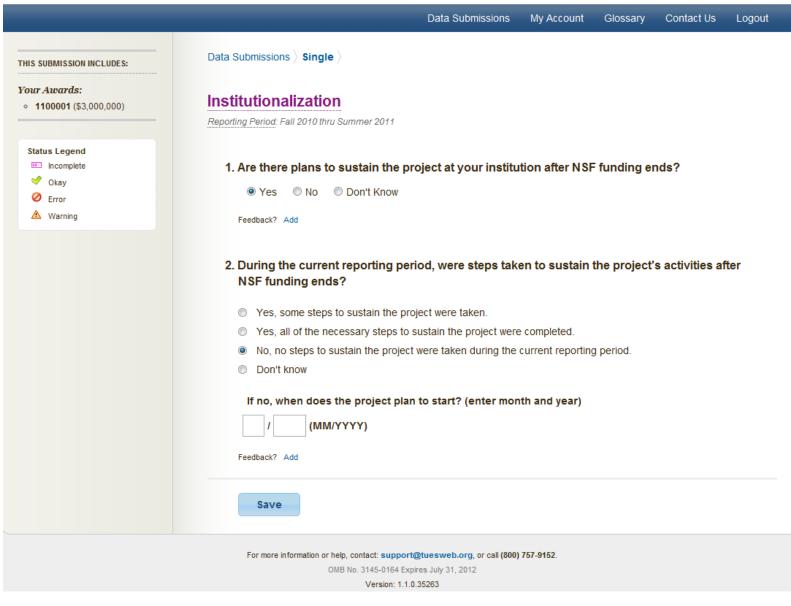


		Data Submissions	My Account	Glossary	Contact Us	Logout
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$					
Your Awards: ∘ 1100001 (\$3,000,000)	Add an Honor Reporting Period: Fall 2010 thru Summer 2011					
Status Legend Incomplete Okay Error Warning	Year Awarded Presenting organization Reason for the honor or award Limit 500 characters					
			0 Charact	ers		
	Save Cancel					
	For more information or help, contact: support OMB No. 3145-0164 Exp	pires July 31, 2012	757-9152.			

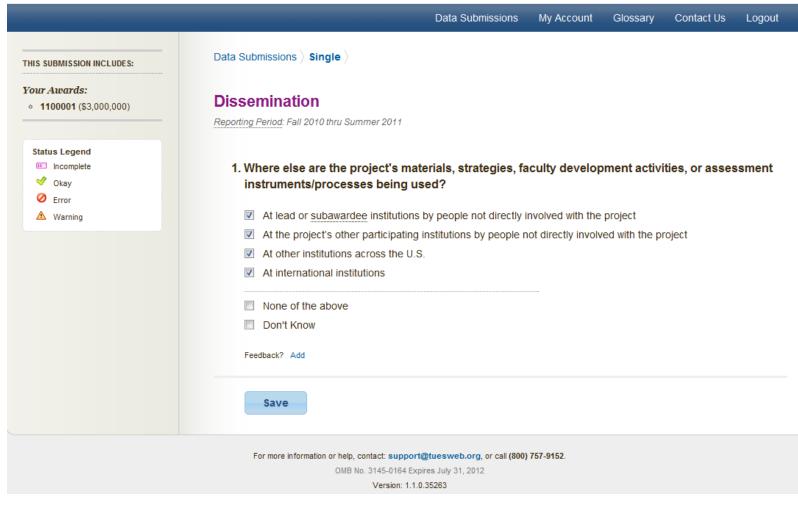














		Data Submissions	My Account	Glossary	Contact Us	Logout
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$					
Your Awards:	Instructional Materials					
1100001 (\$3,000,000)	Reporting Period: Fall 2010 thru Summer 2011					
Status Legend □ Incomplete ✓ Okay Ø Error ▲ Warning	1. Did the project develop or adapt 9 Yes No Don't Know Feedback? Add	instructional mater	ials during th	e current re	eporting perio	od?
	2. What types of instructional mate	rials did the project	develop or a	dapt? (mark	one or more)	
	▼ Case studies					
	During the current reporting period, our	project:				
	Developed or revised our own case					
	Adapted case studies created by					
	In these formats: V print online	other electronic forn	nat			
	☑ Demonstrations					
	During the current reporting period, our	project:				
	Developed or revised our own de					
	☐ Adapted demonstrations created In these formats: ☐ print ☐ online		mat			
	·	E duici ciccadilicidii	nat .			
	☑ Educational games					
	During the current reporting period, our					
	Developed or revised our own ed Adapted educational games crea					
	In these formats: print online	other electronic form	nat			
	Field activity guides or manua					
	During the current reporting period, our					
	Developed or revised our own fiel Adapted field activity guides creat					
	In these formats: print online		nat			
	✓ Instructor materials for adapti	ing project activities	or procedures	to new sett	ings	
	During the current reporting period, our	project:	<u> </u>			
	Developed or revised our own ins	structor materials				
	Adapted instructor materials crea					
	In these formats: print online	other electronic forn	nat			
	☑ Instructor guides or manuals	to guide student acti	vities			
	During the current reporting period, our	project:				
	Developed or revised our own ins	-				
	Adapted instructor guides created		nat			
	✓ Laboratory guides or manuals					
	During the current reporting period, our					
	Developed or revised our own lab					
	Adapted laboratory guides create					
	In these formats: print online	other electronic form	nat			
	▼ Lesson plans					
	During the current reporting period, our	project:				
	Developed or revised our own les					
	Adapted lesson plans created by					
	In these formats: print online	other electronic form	nat			

☑ Practice problems or exercises for students
During the current reporting period, our project:
Developed or revised our own practice problems
Adapted practice problems created by others
In these formats: print online other electronic format
✓ Simulations
During the current reporting period, our project:
Developed or revised our own simulations
Adapted simulations created by others
In these formats: print online other electronic format
☑ Software tools including web-enhanced tools
-
During the current reporting period, our project:
Developed or revised our own software tools
Adapted software tools created by others
In these formats: print online other electronic format
✓ Student handbooks or workbooks
During the current reporting period, our project:
Developed or revised our own student handbooks
Adapted student handbooks created by others
In these formats: print online other electronic format
☑ Textbooks
During the current reporting period, our project:
Developed or revised our own textbooks
Adapted textbooks created by others
In these formats: print online other electronic format
✓ Tutorials
During the current reporting period, our project:
Developed or revised our own tutorials
Adapted tutorials created by others
In these formats: print online other electronic format
_
▼ Visualizations
During the current reporting period, our project:
Developed or revised our own visualizations
Adapted visualizations created by others
In these formats: print online other electronic format
☑ Workshop materials for training faculty
During the current reporting period, our project:
Developed or revised our own workshop materials for faculty
Adapted workshop materials for faculty created by others
In these formats: print online other electronic format
✓ Workshop materials for training students
During the current reporting period, our project:
Developed or revised our own workshop materials for students
Adapted workshop materials for students created by others
In these formats: print online other electronic format
Other instructional materials
Please specify:
During the current reporting period, our project:
Developed or revised our own other instructional materials
Adapted other instructional materials created by others
In these formats: print online other electronic format
Feedback? Add
Save
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			Data Submissions	My Account	Glossary	Contact Us	Logou
THIS SUBMISSION INCLUDES:	Data	Submissions $ angle$ Single $ angle$					
Your Awards:	les est						
1100001 (\$3,000,000)		ructional Strategies					
	Repor	ting Period: Fall 2010 thru Summer 20	11				
Status Legend Incomplete Okay Error Warning	1	Did the project develop or a Yes No Don't Kn	•	egies during t	he current	reporting peri	iod?
		, , , , , , , , , , , , , , , , , , , ,					
	2	. What types of instructional	strategies did the projec	ct develop or	adapt? (mar	k one or more)	
		☑ Case-based learning str	ategies				
		During the current reporting per	iod, our project:				
			own case-based learning strategi	es			
		Adapted case-based learn	ning strategies created by others				
		☑ Cooperative or collabor	ative learning strategies				
		During the current reporting per	riod, our project:				
			own cooperative or collaborative le				
		Adapted cooperative of co	llaborative learning strategies cre	ated by others			
		Design activities					
		During the current reporting per					
		Developed or revised our Adapted design activities					
		▼ Field studies					
		During the current reporting per	iod, our project:				
		Developed or revised our					
		Adapted field studies crea	ited by others				
		✓ Hands-on activities (e.g.	., building or testing objec	ts)			
		During the current reporting per	riod, our project:				
		Developed or revised our Adapted hands-on activitie					
		Adapted francis-on activities	es created by others				
		✓ Integrated courses					
		During the current reporting per	iod, our project:				
		Developed or revised our					
		Adapted integrated course	es created by others				
		✓ Intelligent tutoring system	ems				
		During the current reporting per	iod, our project:				
		Developed or revised ourAdapted intelligent tutoring	own intelligent tutoring systems g systems created by others				
		✓ Laboratory experiences					
		During the current reporting per					
		Developed or revised our	own laboratory experiences				
		Adapted laboratory experie	ences created by others				

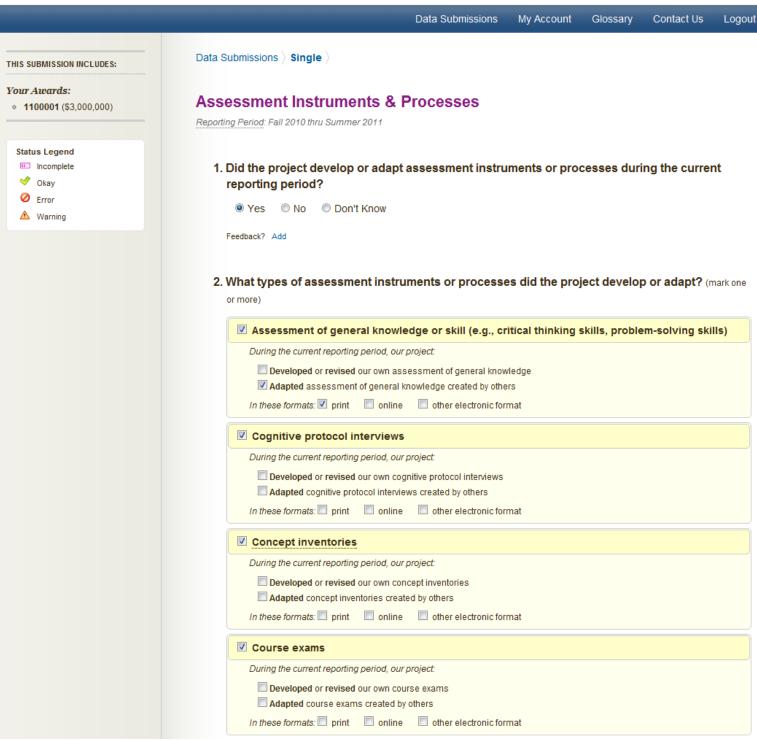
✓ Lectures
During the current reporting period, our project:
Developed or revised our own lectures
Adapted lectures created by others
☑ Linked courses
During the current reporting period, our project:
Developed or revised our own linked courses
Adapted linked courses created by others
Real-time modification strategies based on student performance (e.g., Just-in-Time Teaching)
During the current reporting period, our project:
Developed or revised our own real-time modification strategies
Adapted real-time modification strategies created by others
☑ Peer-instruction strategies (e.g., peer tutoring, peer mentoring)
During the current reporting period, our project:
Developed or revised our own peer-instruction strategies
Adapted peer-instruction strategies created by others
☑ Personal response systems (e.g., "clickers")
During the current reporting period, our project:
Developed or revised our own personal response systems
Adapted personal response systems created by others
☑ Problem-based learning strategies
During the current reporting period, our project:
Developed or revised our own problem-based learning strategies
Adapted problem-based learning strategies created by others
☑ Quantitative computational approaches
During the current reporting period, our project:
Developed or revised our own quantitative computational approaches
Adapted quantitative computational approaches created by others
Strategies involving real-world examples, problems, or contexts
During the current reporting period, our project:
Developed or revised our own strategies involving real-world examples
Adapted strategies involving real-world examples created by others
☑ Strategies involving remote laboratories
During the current reporting period, our project:
Developed or revised our own strategies involving remote laboratories
Adapted strategies involving remote laboratories created by others
☑ Strategies involving formal research experience in classroom laboratories
During the current reporting period, our project:
Developed or revised our own strategies involving formal research experience
Adapted strategies involving formal research experience created by others

Service-learning strategies	
During the current reporting period, our project:	
Developed or revised our own service-learning strategies	
Adapted service-learning strategies created by others	
Studio-based strategies	
During the current reporting period, our project:	
Developed or revised our own studio-based strategies	
Adapted studio-based strategies created by others	
Web-enabled homework submission and grading syster	ms
During the current reporting period, our project:	
Developed or revised our own web-enabled homework submissio	n and grading systems
Adapted web-enabled homework submission and grading system	as created by others
Web-enabled instruction strategies	
During the current reporting period, our project:	
Developed or revised our own web-enabled instruction strategies	
Adapted web-enabled instruction strategies created by others	
Web-enabled repositories	
During the current reporting period, our project:	
Developed or revised our own web-enabled repositories	
Adapted web-enabled repositories created by others	
Web enabled student cellaboration/social networking to	and a
Web-enabled student collaboration/social networking to	0015
During the current reporting period, our project:	
Developed or revised our own web-enabled student collaboration/s	
Adapted web-enabled student collaboration/social networking tools	s created by others
Other instructional strategies	
Please specify:	
During the current reporting period, our project:	
_	
■ Developed or revised our own other instructional strategies ■ Adapted other instructional strategies created by others	
- Adapted onler instructional strategies created by others	
N10 Add	
lback? Add	
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✓ Standardized tests (e.g., Fundamentals of Engineering, American Chemical Society examinations)
During the current reporting period, our project:
Developed or revised our own standardized tests
Adapted standardized tests created by others
In these formats: print online other electronic format
Performance assessment of skills (e.g., observation and rating of skills)
During the current reporting period, our project:
Developed or revised our own performance assessment of skills
Adapted performance assessment of skills created by others
In these formats: print online other electronic format
Students' perceptions of their own learning
During the current reporting period, our project:
Developed or revised our own students' perceptions of their own learning
Adapted students' perceptions of their own learning created by others Adapted students' perceptions of their own learning created by others
In these formats: print online other electronic format
Expert review
During the current reporting period, our project:
Developed or revised our own expert review
Adapted expert review created by others
In these formats: print online other electronic format
☑ Other instruments and processes to determine outcomes
Please specify:
During the current reporting period, our project:
Developed or revised our own other instruments
Adapted other instruments created by others
In these formats: print online other electronic format
edback? Hide
f you have feedback about this question that could help improve TUESWEB in future years, please include that here. DO NOT use this form for issues or concerns that require a response. For issues requiring a response, please call (800) 757-9152 or email support@tuesweb.org.
Save Comment Cancel
Save

For more information or help, contact: $support@tuesweb.org, or call \eqref{key} and \eqref{key} are the contact of the conta$

OMB No. 3145-0164 Expires July 31, 2012



		Data Submissions	My Account	Glossary	Contact Us	Logout
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$					
Your Awards: ⋄ 1100001 (\$3,000,000)	Research on Undergraduate Reporting Period: Fall 2010 thru Summer 2011	STEM Educat	tion			
Status Legend Incomplete Okay Error Warning	1. Did the project conduct research reporting period? Yes No Don't Know Feedback? Add	n on undergraduate	STEM educa	tion during	the current	
	2. What is the topic of your researc	h on undergraduat	e STEM educ	ation?		
		0 0	Characters			
	Feedback? Add					
	3. What type of research does your	project employ?				
	 Quantitative research design 					
	Qualitative research design Mixed method research design					
	Mixed method research designDon't know					
	Feedback? Add					
	Save					
	For more information or help, contact: support@OMB No. 3145-0164 Expi Version: 1.1.0.	res July 31, 2012	757-9152.			



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	D-4- 0	utariaria (Alanta)					
IS SUBMISSION INCLUDES:	Data S	ubmissions > Single >					
ur Awards:	_						
1100001 (\$3,000,000)	Facu	ılty Professional Develop	ment Compo	nent			
	Reportir	ng Period: Fall 2010 thru Summer 2011					
Status Legend							
Incomplete	1.1	Did the project include a faculty pr	ofessional develo	opment co	mponent (e.g.,	seminar,	
✓ Okay		workshop, meeting session) that s		proaches	with other facul	ty members	
Ø Error	•	during the current reporting perio	d?				
▲ Warning							
		Feedback? Add					
	2.1	Nith whom were these approache	s shared during t	he current	t reporting perio	d? (mark one or	mor
			Graduate students			Other or unk	nowi
		Institution	or post-docs	Faculty	Instructional staff	individua	ls
		At the lead or <u>subawardee</u> institutions	V				
		At other institutions		V			
	1	Feedback? Add					
		Chemistry Computer Sciences Engineering Engineering Technology Geosciences Mathematical Sciences Physics Social and Behavioral Sciences Other (please specify):					
	[Don't Know					
		Feedback? Add					
	·	Country: Add					
]	What types of institutions were reperiod? (mark one or more) 2-year institutions Bachelor's degree granting institutions Master's degree granting institutions		e efforts d	uring the currer	nt reporting	
		Doctoral degree granting institutions					
		Nonacademic organizations		_			
		Other (please specify):					
		None					
		Don't Know					
		Feedback? Add					

any of the following demographics or special institutional designations? If yes, what types? (mark one or more)
Historically Black College or University
American Indian Tribally Controlled College or University
☐ Institution with High Disabilities Enrollment (>3% Undergraduates)
☐ Institution with High American Indian or Alaska Native Enrollment (25% or more) – Not Tribally Controlled
☐ Institution with High Black or African American Enrollment (non-Hispanic) (25% or more)
☐ Institution with High Hispanic Enrollment (25% or more)
☐ Institution with High Native Hawaiian or Other Pacific Islander Enrollment (25% or more)
None
■ Not Reported/Don't Know
Feedback? Add

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Version: 1.1.0.35263

Data Submissions My Account Contact Us Glossary Logout Data Submissions THIS SUBMISSION INCLUDES: Your Awards: Single 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Each link on this screen takes you to a form for entering data about your project. Choose a link from Section 1 to begin. Status Legend Throughout this collection, "current reporting period" refers to the period beginning with the first day of fall term 2010 Incomplete thru the last day of summer term 2011 at your institution. Okav Error 1. About Your Awards answer for only your awards included in this submission Warning Award Details Uses of Award Funds **✓** About Your Institution Project Management & Evaluation Subawards Reflection Other Participating Organizations 2. About Your Project's Activities answer for only your awards included in this submission ✓ TUES/CCLI Program Components Instructional Materials Disciplinary Focus ✓ Instructional Strategies Target Audiences Assessment Instruments & Processes **Publications & Presentations** Research on Undergraduate STEM Education Honors & Awards Faculty Professional Development Institutionalization Involvement with Project Materials, Strategies, Instruments & Processes Involvement with Faculty Professional Development Dissemination 3. Submit your data to NSF by April 18, 2012 When all topics are complete and marked with a green checkmark (🐓) you will be able to submit this data to NSF

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S SUBMISSION INCLUDES:	Data Su	bmissions $ angle$ Single $ angle$			
r Awards: 1100001 (\$3,000,000)		vement with Project Materials, Stra	tegies, Instru	ıments & P	rocesses
			1 1 1 1 1 1		
atus Legend ☐ Incomplete P Okay D Error	1. D	For these questions, consider only your au			
Warning	р	roject's efforts during the current reporting per • Yes • No	riod?		
	Fe	eedback? Add			
		tudent Counts			
		All fields below are required. Enter DK for anything you don't know	1.		
		During the current reporting period approximately	Total number of students	Number of students from 2-year institutions	Number of students from institutions with minority enrollment of 25% or greater
		How many undergraduate students used the project's instructional materials?	Students		25% of greater
		How many undergraduate students were taught using the project's instructional strategies ?			
		How many undergraduate students' knowledge, skills, or attitudes were assessed using the project's assessment instruments?			
	Fe	eedback? Add			
	3. F	aculty Counts			
		- All fields below are required. Enter DK for anything you don't know	ı.		
				Number of	Number of faculty from institutions with minority
		During the current reporting period approximately	Total number of faculty	faculty from 2- year institutions	enrollment of 25% or greater
		How many project faculty worked on the project's instructional materials ?			
		How many project faculty worked on the project's instructional strategies ?			
		How many project faculty worked on the project's assessment instruments or processes?			
		How many project faculty used the project's materials, strategies, or assessment instruments with students?			
		How many project faculty conducted discipline-			

During the curr	ent reporting period approximately	Total number of staff	Number of staff from 2-year institutions	Number of sta from institutions w minority enrollment of 25% or greate
worked on t professional s and Learning	n-instructional professional staff he project? (e.g., lab technicians, staff associated with Centers for Teaching and Centers for Institutional Research, stitutional Evaluation professional staff)?			
used the pro	n-instructional professional staff oject's materials, strategies, or instruments with students?			
	back about this question that could help improve T ues or concerns that require a response. For issu web.org.			
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Page **40** of **45**

	Data S	ubmissions	My Account	Glossary	Contact Us	Logo
THIS SUBMISSION INCLUDES:	Data Submissions $ angle$ Single $ angle$					
Your Awards: ◦ 1100001 (\$3,000,000)	Involvement with Faculty Profession	onal Dev	velopment			
Status Legend	For these questions, consider only	your awar	<mark>ds</mark> included in th	is data subn	uission.	
□ Incomplete ✓ Okay ✓ Error ▲ Warning	During the current reporting period, were conducted?	e any facul	ty professiona	ıl developm	ent events	
	Feedback? Add					
	Faculty Professional Development Even	its Conduct	ted			
	All fields below are required. Enter DK for anything you					
	During the current reporting period approximately .		Total number of events	Number of events held 2-year institutions	d at with mi enrollm	held at ions inority
	How many faculty professional development ex supported by the project?	vents were				
	Feedback? Add					
	3 Faculty Involvement in Professional Dev	elonment F	Evente			
	3. Faculty Involvement in Professional Dev The following questions ask for the number of periode professional development events. It is okay to constitutions and "minority enrollment of 25% or general professional development."	eople and org	ganizations involve e person or orga			
	The following questions ask for the number of performance professional development events. It is okay to compare the compared to the compared	eople and org ount the same greater," if bo	ganizations involve e person or orga			
	The following questions ask for the number of performed performent events. It is okay to continuous institutions and "minority enrollment of 25% or go	eople and org ount the same greater," if bo don't know.	ganizations involve e person or orga		Numbe faculty institut n 2- with mi enrollm	from ions inority nent of
	The following questions ask for the number of popular professional development events. It is okay to constitutions" and "minority enrollment of 25% or good All fields below are required. Enter DK for anything you	eople and orgount the same greater," if bo	ganizations involve person or orgath apply.	Number of faculty fror year	Numbe faculty institut n 2- with mi enrollm	from ions inority
	The following questions ask for the number of performed performed development events. It is okay to constitutions and "minority enrollment of 25% or good All fields below are required. Enter DK for anything you During the current reporting period approximately. How many faculty were involved in creating the second of the second period approximately.	eople and orgount the same greater," if bo don't know.	ganizations involve person or orgath apply.	Number of faculty fror year	Numbe faculty institut n 2- with mi enrollm	from ions inority nent of

All field	ds below are required. Enter DK for anything you don't know.	Total number	Total number	Number of graduate students and postdocs from institutions
Durir	ng the current reporting period approximately	of graduate students and postdocs	of postdocs from 2-year institutions	with minority enrollment of 25% or greater
invo	many graduate students and postdocs were led in creating the project's faculty professional elopment events?			
invo	many graduate students and postdocs were leved in leading the project's faculty professional elopment events?			
parti	many graduate students and postdocs cipated as learners in the project's faculty essional development events?			
Feedbac	k? Add			
5. Nona	cademic Involvement in the Project's Faculty ds below are required. Enter DK for anything you don't know.	∕ Professional De	evelopment Ev	rents
5. Nona	cademic Involvement in the Project's Faculty	∕ Professional De	Total num	
Nona All field Durin How profe	cademic Involvement in the Project's Faculty ds below are required. Enter DK for anything you don't know.	izations (e.g., participated as	Total num	nber of
All field Durin How profe	cademic Involvement in the Project's Faculty ds below are required. Enter DK for anything you don't know. In the current reporting period approximately many representatives from nonacademic organicessional societies, industry, community organizations)	izations (e.g., participated as t events?	Total num nonacade	nber of
5. Nona All field Durin How profe	cademic Involvement in the Project's Faculty ds below are required. Enter DK for anything you don't know. Ing the current reporting period approximately many representatives from nonacademic organicessional societies, industry, community organizations) ners in the project's faculty professional development How many organizations do these learners representations.	izations (e.g., participated as t events?	Total num nonacade 2	nber of
5. Nona All field Durin How profe lear	cademic Involvement in the Project's Faculty ds below are required. Enter DK for anything you don't know. Ing the current reporting period approximately many representatives from nonacademic organicessional societies, industry, community organizations) ners in the project's faculty professional development How many organizations do these learners representations.	izations (e.g., participated as t events?	Total num nonacade 2	nber of



Data Submissions My Account Glossary Contact Us Logout Data Submissions THIS SUBMISSION INCLUDES: Your Awards: Single 1100001 (\$3,000,000) Reporting Period: Fall 2010 thru Summer 2011 Each link on this screen takes you to a form for entering data about your project. Choose a link from Section 1 to begin. Status Legend Throughout this collection, "current reporting period" refers to the period beginning with the first day of fall term 2010 Incomplete thru the last day of summer term 2011 at your institution. ✓ Okay Error 1. About Your Awards answer for only your awards included in this submission ▲ Warning Award Details Uses of Award Funds About Your Institution ✓ Project Management & Evaluation Subawards Reflection Other Participating Organizations 2. About Your Project's Activities answer for only your awards included in this submission ✓ TUES/CCLI Program Components Instructional Materials Disciplinary Focus Instructional Strategies Assessment Instruments & Processes Target Audiences **Publications & Presentations** Research on Undergraduate STEM Education Honors & Awards Faculty Professional Development Institutionalization Involvement with Project Materials, Strategies, Instruments & Processes Dissemination Involvement with Faculty Professional Development 3. Submit your data to NSF by April 18, 2012 Last step: Submit Data to NSF

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Data Submissions Single Submit Final Data to NSF

1. Approximately how many hours were spent collating and entering data for this project in preparation for submission?

Hours: 2

Return to submission

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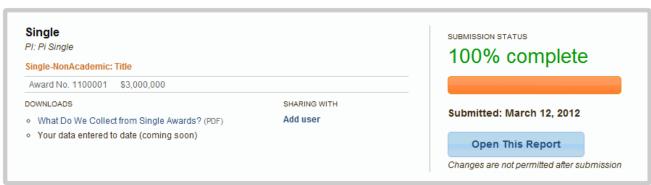
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Data Submissions

Reporting Period: Fall 2010 thru Summer 2011

Please submit data for each of the awards listed below. All submissions are due April 18, 2012.







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