

**APPENDIX B**  
**CREST Crosswalk**

**DATA ELEMENTS OF THE CENTERS OF RESEARCH EXCELLENCE IN SCIENCE AND TECHNOLOGY (CREST) DATA COLLECTION SYSTEM**

<b>New</b>	<b>Common Collection Categories</b>  <b>Questions</b>	Staff and Project Participant Characteristics <sup>1</sup>	Project Implementation Characteristics <sup>2</sup>	Project Outputs <sup>3</sup>
	<b>1. Participant Information</b>	X		
	<b>Principal Investigator</b>	X		
	Name: First, Last, Middle,	X		
	Contact Information: Institution Address City State/Region, Country, ZIP Code Phone Fax E-mail	X		
	Thrust Area 1 Thrust Area 2 Thrust Area 3 Thrust Area 4 Thrust Area 5		X	
	<b>Other Personnel</b>	X		
	Name: First, Last, Middle,	X		
	Contact Information: Institution Phone Fax E-mail	X		
	Gender: Male Female Not Reported	X		
	Race (Mark one or more): Black or African American American Indian or Alaska Native Native Hawaiian or Other Pacific Islander Asian White Not Reported	X		
	Ethnicity:	X		

New	<b>Common Collection Categories</b>  <b>Questions</b>	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Not Hispanic or Latino Hispanic or Latino Not Reported			
	Disability (Check all that apply): Hearing Impairment Visual Impairment Mobility or Orthopedic Impairment Other (Please specify) None Not Reported	X		
	Citizenship: U. S. Citizen Permanent Resident Other Non-U.S. Citizen Not Reported	X		
	In which Thrust Area did the individual participate during the current reporting period?		X	
	Check here if this individual fulfills the definition of a CREST participant: Any individual who received the equivalent of at least one month's salary from the CREST project during the current reporting period.		X	
	<b>Faculty/Postdoc</b>	X		
	Name: First, Last, Middle,	X		
	Contact Information: Phone/Fax E-mail Web URL Institution Address at Institution Institution City Institution State/Region, Country, ZIP Code	X		
	Gender: Male Female Not Reported	X		
	Race (Mark one or more):	X		

New	<p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>	<p style="text-align: center;">Staff and Project Participant Characteristic s</p>	<p style="text-align: center;">Project Implementatio n Characteristic s</p>	<p style="text-align: center;">Project Outputs</p>
	Black or African American American Indian or Alaska Native Native Hawaiian or Other Pacific Islander Asian White Not Reported			
	Ethnicity: Not Hispanic or Latino Hispanic or Latino Not Reported	X		
	Disability (Check all that apply): Hearing Impairment Visual Impairment Mobility or Orthopedic Impairment Other (Please specify) None Not Reported	X		
	Citizenship: U. S. Citizen Permanent Resident Other Non-U.S. Citizen Not Reported	X		
	Academic Rank: Professor Associate Professor Assistant Professor Instructor or Lecturer Postdoctoral Associate Not Applicable	X		
	Thrust Area 1 Thrust Area 2 Thrust Area 3 Thrust Area 4 Thrust Area 5		X	
	Provide the total number of person-months this participant contributed to CREST during the reporting period by the source of funding. NSF CREST		X	

<b>New</b>	<b>Common Collection Categories</b>	<b>Staff and Project Participant Characteristic s</b>	<b>Project Implementatio n Characteristic s</b>	<b>Project Outputs</b>
	<b>Questions</b>			
	Other NSF Other Federal Government Other (Please specify)			
	<b>Student</b>	X		
	Name: First, Last, MI	X		
	Contact Information: Phone Fax E-mail Web URL Institution Address at Institution Institution City Institution State/Region, Country, ZIP Code	X		
	Gender: Male Female Not Reported	X		
	Race (Mark one or more): Black or African American American Indian or Alaska Native Native Hawaiian or Other Pacific Islander Asian White Not Reported	X		
	Ethnicity: Not Hispanic or Latino Hispanic or Latino Not Reported	X		
	Disability (Check all that apply): Hearing Impairment Visual Impairment Mobility or Orthopedic Impairment Other (Please specify) None Not Reported	X		
	Citizenship:	X		

New	<p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>	<p style="text-align: center;">Staff and Project Participant Characteristic s</p>	<p style="text-align: center;">Project Implementatio n Characteristic s</p>	<p style="text-align: center;">Project Outputs</p>
	U. S. Citizen Permanent Resident Other Non-U.S. Citizen Not Reported			
	Academic Level and Year in School: Undergraduate/Graduate/Other Freshman/Sophomore/Junior/Senior/ Master's Degree/Doctorate	X		
	Did student receive a degree during current reporting period, and if so, in what area of study?: Bachelor's/Master's/Ph.D. Chemical and Biological Sciences/Computer and Information Sciences/Crosscutting Programs/Education/Engineering/Environmental Sciences/Renewable Natural Resources/Geosciences/International/Life Sciences/Mathematics/Natural Sciences/Physical Sciences/Science Statistics/Social, Behavioral Sciences/Other	X		
	In which Thrust Area did the individual participate during the current reporting period?		X	
	Which of the following kinds of financial support did you/this individual receive through the CREST program during the current reporting period? (Check all that apply): Tuition Stipend(s) Other (Please specify)		X	
	Received stipends from the CREST project for at least one academic term (including summer) during the current reporting period. (Check box if applicable)		X	
	Provide the total number of person-months this individual contributed to CREST during the reporting period by the source of funding.		X	

New	<b>Common Collection Categories</b>  <b>Questions</b>	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	NSF CREST Other NSF Other Federal Government Other (Please specify)			
	What was your/this individual's status at the end of the current reporting period? (Check all that apply) Still in the CREST Program Postdoctoral Position Faculty Appointment Research Appointment Employment in Private Industry Employment in Public Industry Employment in K-12 Schools Other (Please specify)		X	
	<b>Contributor</b>	X		
	Name: First, Middle, Last	X		
	Institution	X		
	<b>2. Proposals/Awards</b>			X
	Title of Proposal/Award			X
	Thrust Area			X
	Source: Federal State University Industry Foundation Other			X
	Funding Source Name			X
	Type: Research Education Other			X
	Center Award Amount (for Awards only)			X
	Grant Award Amount (for Awards only)			X
	Primary Author			X
	Other Author(s)			X

New	Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Please provide a brief description of how CREST contributed to this accomplishment.			X
	<b>3. Presentations</b>			X
	Presentation Title			X
	Institution OR Conference Name City State			X
	Thrust Area			X
X	Audience Size (approximate)			X
X	Presentation Date			X
	Primary PI/Co-PI			X
	Other PI(s)/Co-PI(s)			X
	Please provide a brief description of how CREST contributed to this accomplishment.			X
	<b>4. Publications</b>			X
	Title			X
	Thrust Area			X
	Publication Name, Volume, Year			X
X	Citation Information (Page #, URL, Other)			X
	Status of Publication: (Check one) Published Accepted, Awaiting Publication Submitted, Under Review Other (Please specify)			X
	Publication Type: Article in Refereed Journal Book Chapter or Textbook Article in Public Proceedings Master's/Doctoral Thesis or Dissertation			X
	Please provide a brief description of how CREST contributed to the development of this publication.			X
	Primary Author			X
	Other Author(s)			X
	<b>5. Collaborative Projects</b>			X
	Name of Collaborative Project			X
	Thrust Area			X



New	<p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>	<p style="text-align: center;">Staff and Project Participant Characteristic s</p>	<p style="text-align: center;">Project Implementatio n Characteristic s</p>	<p style="text-align: center;">Project Outputs</p>
	Name of Collaborative Partner			X
	Institution: Name Type: University or College Federal Government State Government Local Government Industry Non-profit Other  City State/Region Country			
X	Funding Source: Federal State University Industry Other (please specify)			X
X	NSF Programs Related to the Partner— please circle all that apply Centers for Learning and Teaching (CLT) Centers for Ocean Science Education Excellence (COSEE) Chemical Bonding Centers (CBC) Engineering Research Centers (ERC) Industry/University Cooperative Research Centers (I/UCRC) Materials Research Science and Engineering Centers (MRSEC) Science of Learning Centers (SLC) Science and Technology Centers (STC) Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR)			X
	Please provide a brief description of the collaborative project and how CREST			X

New	Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
	Questions			
	contributed to this activity.			
	<b>6. Patents</b>			X
	Title			X
	Thrust Area			X
	Year Submitted			X
	Application Number			X
	Allowed: Yes/No			X
	Serial Number			X
	Please provide a brief description of how CREST contributed to the development of this patent.			X
	Primary Participant			X
	Other Participant(s)			X
	<b>7. Activities</b>			X
	Activity Title			X
	Activity Type: Research Activities/Findings Education and HR Activities/Accomplishments Attracting/Attaining/Retaining Students Integrating Education and Research Working With K—12 Students Facilitating the Transfer of Knowledge Developing or Purchasing Equipment/Facilities			X
	Activity Start Date			X
	Activity End Date			X
	Institutions			X
	Primary Participant/Other Participants			X
	Highlights of outstanding accomplishments: (If this is a continuation of an activity from last year, please explain the changes in the direction or level of activity from the previous year.)			X
	Description of Activity			X
	Impact of Activity on Faculty, Students and/or Scientific Community			X
	<b>8. Functional Budget</b>		X	

New	<p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>	<p style="text-align: center;">Staff and Project Participant Characteristic s</p>	<p style="text-align: center;">Project Implementatio n Characteristic s</p>	<p style="text-align: center;">Project Outputs</p>
	<p>List funding amounts from each source by category (Thrust Areas, CREST Administration, Education Coordinator, Outreach and Knowledge Transfer Coordinator, Total):</p> <ul style="list-style-type: none"> <li>NSF CREST</li> <li>Other NSF</li> <li>Other Federal Government</li> <li>State</li> <li>Local Government</li> <li>Industry</li> <li>University</li> <li>Other</li> <li>Total</li> </ul>		X	
	<b>9. Center</b>			
	Undergraduate enrollment in CREST activity			X
	Graduate enrollment in CREST activity			X

<sup>1</sup> Elements of these characteristics include: Name, address, date of birth, gender, ethnicity, race, disability status, class, major, grade point average, yearly fellowship or stipend amount, or project role.

<sup>2</sup> Elements of these characteristics include: Sources and amount of funds, fellowships, scholarships, traineeships, partnerships, training, research methods.

<sup>3</sup> Elements of these characteristics include: research findings, publications, presentations, degrees granted, educational materials.