Appendix B:
Crosswalk of LSAMP Survey Data Elements

DATA ELEMENTS OF THE LOUIS STOKES ALLIANCES FOR MINORITY PARTICIPATION ONLINE DATA COLLECTION EFFORT

Common Collection Categories Question	Staff and Project Participant Characteristics [1]	Project Implementation Characteristics[2]	Project Outputs [3]

Respondent Contact Information :
    Name: First, Last
    Phone
    Email
	X		

1. Student Enrollment			

Count of Chemistry student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Physics/Astronomy student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

More Than One Race Reported: Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported			

Count of Mathematics student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported: Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Computer science student enrollment (report Freshmen, Sophomores,			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported			

Count of Geosciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported			

Count of Engineering student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Life/Biological Sciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more
			X

Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
Question			

race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported			

Count of Agricultural Sciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
  Black or African American
  Native American
  Alaska Native
  Native Hawaiian or Other Pacific Islander
  Asian
  White
  More Than One Race Reported: Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
  More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported
			X

Count of Environmental Sciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported			

Count of Non-SMET student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not ReportedNot Reported			

2. Degree Awards			

Count of Chemistry degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Physics/Astro degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

More Than One Race Reported:
    Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported			

Count of Mathematics degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Computer science degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
  More Than One Race Reported:
    Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported			

Count of Geosciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
  Black or African American
  Native American
  Alaska Native
  Native Hawaiian or Other Pacific Islander
  Asian
  White
  More Than One Race Reported:
    Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
  More Than One Race Reported:
    Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported
			X

Count of Engineering degrees (report Bachelor's, Master's, and Doctoral degrees separately) by: Race Black or African American			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Native American
   Alaska Native
   Native Hawaiian or Other Pacific Islander
   Asian
   White
   More Than One Race Reported:
      Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
   More Than One Race Reported:
      Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
   Race Not Reported or Unknown
Ethnicity
   Hispanic or Latino
   Not Hispanic or Latino
   Not Reported
Gender
   Male
   Female
   Not Reported			

Count of Life/Biological Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
   Black or African American
   Native American
   Alaska Native
   Native Hawaiian or Other Pacific Islander
   Asian
   White
   More Than One Race Reported:
      Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
   More Than One Race Reported:
      Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
   Race Not Reported or Unknown
Ethnicity
   Hispanic or Latino
   Not Hispanic or Latino
   Not Reported
Gender
   Male
   Female
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
Not Reported			

Count of Agricultural Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of Environmental Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
Hispanic or Latino Not Hispanic or Latino Not Reported Gender 　Male 　Female 　Not Reported			
Count of Non-SMET degrees (report Bachelor's, Master's, and Doctoral degrees separately) by: Race 　Black or African American 　Native American 　Alaska Native 　Native Hawaiian or Other Pacific Islander 　Asian 　White 　More Than One Race Reported: 　　Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander. 　More Than One Race Reported: 　　Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian. 　Race Not Reported or Unknown Ethnicity 　Hispanic or Latino 　Not Hispanic or Latino 　Not Reported Gender 　Male 　Female 　Not Reported			X
3. Activity Data (Complete an activity information screen for each activity conducting during reporting period.)			
Activity Title			X
Target 　Student 　Faculty 　Student and Faculty 　Other			X
Time Period 　Academic Year Only 　Summer Year Only 　Calendar Year			X
Coordinators (choose up to three)			X
Category 　Teaching 　Research			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
Service			

Subcategory
    Curriculum Reform
    Faculty Enrichment
    Other
    Curriculum Reform
    Faculty Enrichment
    Assistantships
    Research Pedagogy Courses
    Research Seminars
    Special Techniques Training
    Mentoring
    Recruitment
    Environmental Improvement
    Peer-Group Learning
    Academic Counseling
    Special Acad Supp
			X

Field
    All
    Clubs
    Courses
    Faculty
    Field Trips
    Industry
    Material Development
    Mod of Degree Requirements
    Off-Site
    On-Site
    Other
    Peer
    Recruiters
    Seminars
    Short-Courses
    Social Events
    Tutoring
    Visiting Appointments
    Workshops
			X

Activity Description (text box)			X
Activity Goals and Objectives (text box)			X
Activity Outcome (text box)			X

Count of students participating in each activity by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include:
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
  More Than One Race Reported:
    Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported			

Count of faculty and Graduate Students participating in each activity by:
Race
  Black or African American
  Native American
  Alaska Native
  Native Hawaiian or Other Pacific Islander
  Asian
  White
  More Than One Race Reported:
    Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
  More Than One Race Reported:
    Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported
			X

4. Individual Data			
Student Participants (complete a screen for each student)			
Name: Last, First, Middle Initial	X		
Social Security Number	X		

Gender
  Male
  Female
  Not Reported
	X		

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
	X		

Race (Choose one or more responses):
    Native American
    Alaska Native
    Asian
    Black or African American
    Native Hawaiian or Other Pacific Islander
    White
    Not Reported
	X		

Disability Status (Choose one or more responses):
    Hearing Impairment
    Visual Impairment
    Mobility/Orthopedic Impairment
    Other
    None
    Not Reported
	X		

Discipline (choose 1 from list)	X		
Class (choose 1 from list)	X		
GPA (data box)	X		
Graduated this Year? Yes/No	X		
Mentor (choose 1 from list)	X		
Academic Year Financial Support? Yes/No		X	
Summer Financial Support? Yes/No		X	
Activities in which the individual participated (select all that apply from list generated in section 3)		X	
Partner activities in which the individual participated (select all that apply from list generated in section 3)		X	
Faculty Participants			
Name: Last, First, Middle Initial	X		
Social Security Number	X		

Gender
    Male
    Female
    Not Reported
	X		

Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
	X		

Race (Choose one or more responses):
    Native American
    Alaska Native
    Asian
    Black or African American
    Native Hawaiian or Other Pacific Islander
    White
    Not Reported
	X		

Disability Status (Choose one or more	X		

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

responses):
    Hearing Impairment
    Visual Impairment
    Mobility/Orthopedic Impairment
    Other
    None
    Not Reported			

Discipline (select 1 from list)	X		
Faculty Rank (select 1 from list)	X		
5. Students Entering Graduate School Information			

Count of students who received Direct Support by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.
    More Than One Race Reported:
        Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.
    Race Not Reported or Unknown
Ethnicity
    Hispanic or Latino
    Not Hispanic or Latino
    Not Reported
Gender
    Male
    Female
    Not Reported
			X

Count of students who did not receive direct support by:
Race
    Black or African American
    Native American
    Alaska Native
    Native Hawaiian or Other Pacific Islander
    Asian
    White
    More Than One Race Reported:
        Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black
			X

Common Collection Categories Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

or African American, Native Hawaiian
    or Other Pacific Islander.
  More Than One Race Reported:
    Students reporting a) both White and
    Asian, and b) no other categories in
    addition to White and Asian.
  Race Not Reported or Unknown
Ethnicity
  Hispanic or Latino
  Not Hispanic or Latino
  Not Reported
Gender
  Male
  Female
  Not Reported			

5. Abstract and Budget Information			
Summaries of alliance, alliance goals and objectives, and alliance impact and systemic changes (3 text boxes)			X
Summaries of student activities, faculty development activities, curriculum development activities, and summer bridge and related outreach activities , and other activities (5 text boxes)		X	
Summaries of alliance highlights, accomplishments, and obstacles (3 text boxes)			X

Alliance Budget:
Dollar amounts and person-months, divided into NSF and Matching funding, for the following categories:
  Senior Personnel
  Post Doctoral Associates
  Other Professionals
  Graduate Students
  Undergraduate Students
  Secretarial/Clerical
  Other staff
  Fringe Benefits
  Permanent Equipment
  Travel
  Part Supp Costs
  Other Costs
  Indirect Costs
		X	

Text summaries of budget, matching funds, and subcontracts and contract amounts (3 text boxes)		X	

Non-Academic Partners:
  Name
  Type of Partner
    National Science Foundation
    Institution
    State of Local Government
    Federal Agency
			X

Common Collection Categories	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
Question			
Federal Lab Foreign Government Corporation Foundation and Other Non-Profit Project Generated Other Description			

Crosswalk of LSAMP Bridge to the Doctorate Data Elements
(See below for separate crosswalk illustrating differences from collection cleared in 2005)

Common Collection Categories			
Question	**Staff and Project Participant Characteristics**	**Project Implementation Characteristics**	**Project Outputs**
BASELINE DATA			
Student Name (First, MI, Last)	X		
Previous Name (BD students only)	X		
LSAMP Institution the student was enrolled in (BD students only)	X		
LSAMP Alliance the institution was associated with (BD students only)	X		
Bachelor's Degree-awarding Institution （peer comparison students only）	X		
Social Security Number (not required)	X		
Gender—choose one Male Female Not reported	X		
Ethnicity—choose one Not Hispanic or Latino Hispanic or Latino Not reported	X		
Race—mark one or more American Indian or Alaska Native Asian Black or African American Native Hawaiian or Other Pacific Islander White Not reported	X		
Disability— mark one or more Hearing impairment Mobility or orthopedic impairment Visual impairment Other (please specify) None Not reported	X		
Citizenship—choose one:	X		

Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
U.S. Citizen/U.S. National U.S. Permanent Resident/Green Card holder Other (please specify)			

Undergraduate Major— check all that apply
    Agricultural Science
    Chemistry
    Computer Science
    Engineering
    Environmental Science
    Geosciences
    Life/Biological Sciences
    Mathematics
    Physics/Astronomy
    Other (please specify)
	X		

Undergraduate GPA	X		

Undergraduate GPA Scale—choose one
    4 point scale
    5 point scale
	X		

LSAMP Level I or II Status:			

Research experience during the undergraduate program-choose one
    Yes
    No
	X		

GRE Scores
    Verbal
    Quantitative
    Analytical
	X		

Date entered STEM Graduate Program
 	
    Month
    Year
	X		

Date began receiving BD funding
    Month
    Year
	X		

Did this student complete any graduate work before entering the current graduate program —choose one:
    Yes
    No
    (peer comparison students only)
	X		

Did this student complete any graduate work before receiving LSAMP BD funding—choose one:
    Yes
    No
	X		

Broad Field Area			
Field			

Degree —choose one
    No specific degree or certificate
    Post baccalaureate Certificate
    Masters (including MBA)
    Post Masters Certificate
    Doctorate (Ph.D., D.SC., D.Sc., Ed.D.)
    Other professional degree (JD, L.L.B., Th.D., M.D, DDS)
    Other (please specify)
	X		

Common Collection Categories			
Question	**Staff and Project Participant Characteristics**	**Project Implementation Characteristics**	**Project Outputs**
Date degree awarded 　　Month 　　Year	X		
If no prior graduate degrees please provide the number of graduate credits completed prior to receiving LSAMP BD funding	X		
Teaching Assistantship awarded prior to receiving LSAMP BD funding 　　Yes 　　No 　　Not Applicable	X		
Research Assistantship awarded prior to receiving LSAMP BD funding 　　Yes 　　No 　　Not Applicable	X		
ANNUAL DATA			
Graduate Program	X		
Intended Broad Major Area	X		
Intended Major	X		
Intended Degree — check all that apply 　　No specific degree or certificate 　　Post baccalaureate Certificate 　　Masters (including MBA) 　　Post Masters Certificate 　　Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.) 　　Other professional degree (JD, L.L.B., Th.D., M.D, DDS) 　　Other (please specify)	X		
Amount of support received during the current reporting period (BD students only)	X		
Disbursement Method —choose one (BD students only) 　　Monthly 　　Quarterly 　　By Semester 　　Yearly	X		
Is the stipend or payment based on academic performance —choose one (BD students only) 　　Yes 　　No	X		
Did the LSAMP BD funding end for this student during the current Reporting period—choose one: (BD students only) 　　Yes 　　No If yes, please provide the date funding ended: 　　Month　Year	X		
Number of graduate courses credits completed during the current reporting period			X
Teaching Assistantship awarded during the current reporting period —chose one: 　　Yes 　　No 　　Not Applicable			X

Common Collection Categories			
Question	**Staff and Project Participant Characteristics**	**Project Implementation Characteristics**	**Project Outputs**
Research Assistantship awarded during the current reporting period —choose one: 　　　Yes 　　　No 　　　Not Applicable			X
Year entered Ph.D. track - (completed 2 years of graduate coursework, equivalent to MA or MS and entered 3rd year of graduate coursework, i.e. post MS and into Ph.D. track): 　　　2001 　　　2002 　　　2003 　　　2004 　　　2005 　　　2006			X
Thesis Proposal - Date Approved: 　　　Month　　　Year			X
Master's Degree - Date Awarded: 　　　Month　　　Year			X
Ph.D. Qualifying Examinations - Date passed: 　　　Month　　　Year			X
Ph.D. Candidacy - Date attained: 　　　Month　　　Year			X
Dissertation Defense - Date passed: 　　　Month　　　Year			X
Doctoral Dissertation - Date Approved: 　　　Month　　　Year			X
Doctoral Degree - Date Awarded: 　　　Month　　　Year			X
Doctoral Dissertation Abstract			X
Did the student receive post-LSAMP BD funding to continue graduate studies during the current reporting period (BD students only)—choose one: 　　　Yes 　　　No If yes, please provide funding source —choose one: 　　　Institution attending 　　　Government fellowship: federal/state/local 　　　Private fellowship		X	
Did the student leave the program or drop out during the current reporting period —choose one: 　　　Yes 　　　No		X	
Date left or dropped Out: 　　　Month　　Year		X	
If he or she left, was it to continue Ph.D. elsewhere? 　　　Yes 　　　No 　　　Don't know		X	
If yes, please provide the following information 　　　Transfer Date:　　Month　　　　Year 　　　Institution Name:		X	
Please provide the permanent contact information for	X		

Common Collection Categories			
Question	**Staff and Project Participant Characteristics**	**Project Implementation Characteristics**	**Project Outputs**

this student.
      Student's personal email address
      Address
      City
      State
      Zip Code
      Country
      Phone
      Ext.			

Name and address (U.S. postal and e-mail) of a person likely to know how to reach this student after he or she graduates
      Name
      Relationship to this student
      Email address
      Address
      City
      State
      Zip Code
      Country
      Phone
      Ext.
	X		

Has the individual received a post doctorate appointment —choose one
      Yes
      No
 	
If yes, please complete the following items
      Date: Month   Year
      Institution
      Department
      Field
			X

Is the individual currently employed —choose one
      Yes
      No
			X

When did the individual begin this job? Month Year			X

Is this job full-time —choose one
      Yes
      No
			X

Which of the following categories best describes this individual's employer in this job?
      A private, for-profit company, business or individual,
         paying your wages, salary or commissions
      A Private not-for-profit, tax-exempt or charitable
         organization
      Self-employment in own Not Incorporated business,
         professional practice, or farm
      Self-employment in own Incorporated business,
         professional practice, or farm
      Local Government (e.g., city, county)
			X

Question	Common Collection Categories		
	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

State Government
    U.S. Military Service, active duty, or Commissioned
       Corps (e.g., USPHS, NOAA)
    U.S. Government as a civilian employee
    Other (please specify)			

Regarding about this individual's employer's main business (i.e. what the employer makes or does), please indicate the single category that best fits the employer's main business. If the employer has more than one type of business, please answer for the type of work primarily performed at the location where this individual works.
    Agriculture, forestry or fishing
    Biotechnology
    Construction or mining
    Education
    Finance, insurance, or real estate services
    Health services
    Information technology or computer services
    Other services (e.g., social, legal, business)
    Manufacturing
    Public administration/government
    Research (please specify)
    Transportation services, utilities, or communications
    Wholesale or retail trade
    Other (please specify)
			X

Position/Job Title (Broad category)			X
Position/Job Title			X

Is job STEM related —choose one
    Closely related
    Somewhat related
    Not related
			X

Is employer an educational institution —choose one
    Yes
    No
			X

Type of Educational Institution—choose one
    Preschool, elementary, or middle school system
    Secondary school system
    Two-year college, community college, technical institute
    Four-year college or university, other than a medical
       school
    Medical school (including university-affiliated hospital
       or medical center
    University-affiliated research institute
    Other (please specify)
			X

Faculty Rank—choose one
    Professor
    Associate professor
    Assistant professor
    Instructor
			X

Common Collection Categories			
Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs

Lecturer
    Adjunct Faculty
    Other (please specify)
    Not applicable at the institution
    Not applicable for my position			

Tenure Status—choose one
    Tenured
    On tenure track but not tenured
    Not on tenure track
    Not applicable: no tenure system at this institution
    Not applicable: no tenure system for my position
			X

Changes in LSAMP Bridge collection since previous clearance in 2005

Data Elements Cleared under LSAMP Task in 3145-0136 2005	Data Elements in Revised System
Graduate Student Data (completed by PI)	**ALL questions in system completed by PI**

Name (text boxes):
    First,
    Middle Initial
    Last
	Student Name (First, MI, Last)

	Maiden Name
	LSAMP Institution (the student was enrolled in)
	LSAMP Alliance (the institution was associated with)
	LSAMP Level I or II Status
	Date entered STEM Graduate Program (Month/Year)

Mark if the student was supported by funds during the current project year and provide the number of months for which support was received (check box and data box)	Amount of support received during the current reporting period
	
	Disbursement Method —choose one
	
	    Monthly
	
	    Quarterly
	
	    By Semester
	
	    Yearly
	
	Is the stipend or payment based on academic performance (Yes/No)

Current Advisor (text box)	
The student is a U.S. Citizen/U.S. National or Permanent Resident. (Yes/No).	
When the student first enrolled in graduate study in an LSAMP Bridge department. (Date box)	

When the student first began receiving funding. (Date box)	Date began receiving BD funding (Month/Year) Has BD funding ended for this student (Yes/No) If yes, date funding ended (Month/Year)
Did the student obtain a Ph.D. associated with the LSAMP project? (Yes/No) Year Ph.D. received. (Date box)	Year entered PhD track —choose one: (completed 2 years of graduate coursework, equivalent to MA or MS and entered 3rd year of graduate coursework, i.e. post MS and into PhD track) 　　　2003 　　　2004 　　　2005 　　　2006 Thesis Proposal - Date Approved (Month/Year) 　　　(Thesis not required) Master's Degree Abstract Master's Degree - Date Awarded (Month/Year) Qualifying Examinations - Date passed (Month/Year) PhD Candidacy - Date attained (Month/Year) Dissertation Defense - Date passed (Month/Year) Doctoral Dissertation - Date Approved (Month/Year) Doctoral Degree - Date Awarded (Month/Year) Doctoral Dissertation Abstract
	Has the student received post-BD funding to continue graduate studies (Yes/No) If yes, please provide funding source —choose one Institution attending Government fellowship (federal/state/local) Private fellowship
If the student did not receive a Ph.D, did the trainee stop pursuing a Ph.D. with the NSF-LSAMP project? (choose one) • Yes, and they have left the institution • Yes, though they are still enrolled at this institution • No	Has student left the program or dropped out (Yes/No)
If the student stopped pursuing a Ph.D. with the project, when did the student leave the program? (Date box)	Date left or dropped out (Month/Year)
If the student left the program, did the student receive a terminal master's degree? (Yes/No)	
If the student stopped pursuing a Ph.D with the program, why did pursuit stop? (Choose one) • Left to pursue other academic interests • Failed to meet program requirements • Left to pursue employment, • Left due to family and/or economic constraints • Intended to pursue Masters Degree only • Unknown	If left, did so to continue Ph.D. elsewhere? —choose one 　　　Yes 　　　No 　　　Don't know If yes, please provide the following information Transfer Date (Month/Year) Institution Name

Other	
If the student stopped pursuing a Ph.D., what was the student's primary employment and education status after incompletion of Ph.D.? (Choose one)? • Private sector employment • Academic research employment • Education (teaching) employment • Public sector employment • Graduate study • Unknown • Other	

Data Elements Cleared under LSAMP Task in 3145-0136	Data Elements in Revised System
Graduate Student Data Collection Module (to be completed by student)	**ALL questions in system completed by PI**

Name (text boxes):
    First,
    Middle Initial
    Last	

Contact Information (text or data boxes):
    Dept. at Institution
    Current Address
    Current City
    Current State
    Current ZIP
    Phone
    Extension
    Fax
    E-mail Address
    Web URL	

Ethnicity (choose one):
    Hispanic or Latino
    Not Hispanic or Latino
    Not reported
	Ethnicity—choose one
	    Not Hispanic or Latino
	    Hispanic or Latino
	    Not reported

Race (choose one or more):
    American Indian or Alaska Native
    Asian
    Black or African American
    Native Hawaiian or other Pacific Islander
    White
    Not Reported
	Race—choose one or more
	    American Indian or Alaska Native
	    Asian
	    Black or African American
	    Native Hawaiian or Other Pacific Islander
	    White
	    Not reported

Gender (Choose one):
    Male
    Female
	Gender—choose one
	    Male
	    Female

Not reported	Not reported

Disability Status (Choose one or more):
    Hearing Impairment
    Visual Impairment
    Mobility/Orthopedic Impairment
    Other
    None
    Not reported
	Disability—choose one or more:
	    Hearing impairment
	    Mobility or orthopedic impairment
	    Visual impairment
	    Other (please specify)
	    None
	    Not reported

Citizenship (Choose one):
    U.S. Citizen/U.S. National
    U.S. Permanent Resident
    Other non-U.S. Citizen
    Not Reported	

Current Advisor(s) (Check all that apply). Selections pre-populated by PI data.	

	Graduate Program:
	Intended Broad Major Area
	Intended Major
	Intended Degree
	    No specific degree or certificate
	    Post baccalaureate Certificate
	    Masters (including MBA)
	    Post Masters Certificate
	    Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)
	    Other professional degree (JD, L.L.B., Th.D., M.D, DDS, etc.)
	    Other (please specify)

Permanent Contact Information
    Social Security number
    Personal E-mail
    Person likely to know how to reach you in three years:
        Name
        Relationship to you
        Address
        City
        State
        ZIP
        Country
        Phone
        Extension
        Email Address
	Social Security Number
	
	Student's personal email address (Other than his or her current school address, if available)
	Please select whose contact information is provided below —choose one
	    The student's
	    A person likely to know how to reach this student
	Name (If "A person likely to know how to reach this student" is selected above)
	Relationship to this student (If "A person likely to know how to reach this student" is selected above)
	Address
	City
	State, Zip Code
	Country
	Phone
	Email address

Academic/Professional Background Prior to Program	

Undergraduate Degree Prior Program:
Undergraduate Major (choose one of many majors)
Double Major (choose one of many majors)
Undergraduate Institution (text box)
Undergraduate Inst. City (text box)
Undergrad. Inst. State (text box)
	Date of Bachelor's Degree (Month/Year)
	Undergraduate Major—choose one
	    Agricultural Science
	    Chemistry
	    Computer Science
	    Engineering
	    Geosciences
	    Life/Biological Sciences

When did you receive your first undergraduate degree? (date box)	Mathematics Physics/Astronomy Environmental Science Other (please specify)
	Undergraduate GPA
	Research experience during the undergraduate program (Yes/No)

	GRE Scores
	    Verbal
	    Quantitative
	    Analytical

Did you obtain a post-undergraduate degree prior to Program? (Yes/No)
• Degree Type (choose one of several degree types)
• When received (date box)
• Institution (text box)
	Did the student complete any graduate work before receiving LSAMP BD funding? (Yes/No)
	
	If yes, please provide the following data
	Broad Field Area
	Field
	Degree —choose one
	    No specific degree or certificate
	    Post baccalaureate Certificate
	    Masters (including MBA)
	    Post Masters Certificate
	    Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)
	    Other professional degree (JD, L.L.B., Th.D., M.D, DDS, etc.)
	    Other (please specify)
	Date degree awarded (Month/Year)
	If no prior graduate degrees: Number of graduate credits completed prior to receiving LSAMP BD funding

Were you employed in the public/private sector for one or more years after receiving your first undergraduate degree and prior to becoming an LSAMP Bridge student? (Yes/No)	

	Teaching Assistantship awarded prior to receiving LSAMP BD funding —choose one
	    Yes
	    No
	    Not Applicable

	Research Assistantship awarded prior to receiving LSAMP BD funding—choose one
	    Yes
	    No
	    Not Applicable

Total number of years (equal to or greater than one year, to the nearest year) you were employed in the public or private sector after receiving your first undergraduate degree and prior to becoming an LSAMP Bridge student. (data box)	
Academic Achievement	

Counts of any professional publications, or patents applied for or won during the current reporting period. (data boxes for each item)
• Publications (Excluding Articles in Refereed Journals)
• Journal Articles in Refereed
	Number of Publications
	    Peer-reviewed
	    non-peer reviewed

Journals • Books • Book Chapters • Patent Applications • Approved Patents	
Provide citations for each item counted above and estimate the percentage of the product cited that resulted from your personal effort. (text box)	
Provide counts of any presentations, awards, or scholarly achievements you have received during the current reporting period. (data boxes for each item) • Presentations at Regional Conferences • Presentations at National Conferences • Presentations at International Conferences • Awards and Recognition Received • Other Scholarly Achievements	Number of Presentations (Oral) Number of Poster Presentations
	Number of graduate course credits completed

	Teaching Assistantship awarded —choose one
	    Yes
	    No
	    Not Applicable

	Research Assistantship awarded —choose one
	    Yes
	    No
	    Not Applicable

Provide descriptions of the items counted above for the current reporting period. (text box)	
Ability To Communicate Professionally	
Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (check all that apply) • Training/coursework in professional writing • Training/coursework in professional speaking/presentation skills • Presentations made at the LSAMP institution • Professional conferences attended • Poster sessions/presentations outside the IGERT institution • Oral presentations outside the LSAMP institution • Other activities to develop or increase your ability to communicate professionally (specify in text box) • You were not engaged in any of the activities listed above during the current reporting period.	

Provide counts for any of the following professional activities that you checked above. (data boxes for each item) • Presentations made at your home institution • Professional conferences attended • Poster sessions/presentations outside your home institution • Oral presentations outside your home institution • Other activities to develop or increase your ability to communicate professionally	
Expand on any of the educational/professional activities identified above that have significantly enhanced your ability to communicate professionally. (text box)	
Professional Skills To Conduct High-Quality Research	
Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (Mark all that apply) • Training/coursework in responsible conduct of research • Training/coursework in statistics • Training/coursework in research methods • Training/coursework in state-of-the-art instrumentation • Participation in research projects within your own discipline area but outside your dissertation research • Other activities to develop or increase professional skills to conduct high-quality research (specify in text box) • You were not engaged in any of the activities listed above during the current reporting period.	
Expand on any of the educational/professional activities identified above that have significantly enhanced your ability to conduct high-quality research. (text box)	
Professional Skills in Education	
Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period (check all that apply). • Teaching assistantships • Mentoring of high school, undergraduate, or other graduate students • Courses developed and/or major	

teaching roles • Participation in any multidisciplinary/ interdisciplinary course development, teaching, or other educational effort • Participation in any group education efforts (e.g., team teaching, teamwork on course development) • Other activities to develop or increase professional skills in education. (specify in text box) • You were not engaged in any of the activities listed above during the current reporting period.	
Expand on any of the educational/ professional activities identified above that have significantly enhanced your professional skills in education (text box)	
Professional Skills Applicable to Careers in Industry, Government, or the Public Sector	
Considering all of your activities in the past year, except for those associated with internships, indicate whether you have engaged in any of the following educational/professional activities during the current reporting period (mark all that apply). • Participation in any research project involving multiple disciplines • Participation/experience in team research efforts • Participation in any interaction between academic research and industrial applications or between academic research and public policy development or application • Training/experience in communications across disciplines and to different audiences (including the general public) • Educational-interactions (e.g., courses, workshops, seminars) with industry professionals or with Government or other public-sector professionals • Research interactions (other than internships) with industry professionals or with government or other public-sector professionals • Other activities to enhance your professional skills applicable to careers (specify in text box) • You were not engaged in any of the activities listed above during the current reporting period.	
Expand on any of the educational/	

professional activities identified above that have significantly enhanced your professional skills applicable to careers in industry, government, or the public sector. (text box)	
Off-Campus Internships/Industrial Rotations	
Have you taken part in any internship(s) lasting a month or more with private-sector industries or businesses, with public sector laboratories or agencies, or in any other setting during the current reporting period? (Yes/No)	
If **yes,** please indicate the type of setting and the duration (to the nearest month) of the internship(s). • Internship Setting (choose one of several) • Number of Months (data box) Spaces for several internship settings are available on survey.	
Indicate whether any of the following benefits resulted from your internship(s) during the current reporting period. (Mark all that apply) • Experience with applied research • Experience with team approaches to problem solving • Experience communicating and working with people from different disciplinary or professional backgrounds • Increased awareness of non-academic job opportunities available to people with similar education and interests • Development of a thesis and/or dissertation research topic • Financial or equipment support to complete thesis research • Likelihood of a job offer after graduation • Other benefits (specify in text box) • No benefits resulted from internship(s) during the current reporting period.	
Expand on any of the benefits selected above that have significantly enhanced your professional skills in areas important in industry or other public/private sector careers. (text box)	
International Perspective	
Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (Mark all that apply) • Experience working with scientist(s) of other nationalities	

within the United States • Experience communicating and working with people of different cultures, nationalities, or backgrounds • Internships or other experiences working with scientist(s) of other nationalities in their own countries • Experience, outside of your studies, living and/or working in a foreign country • Other internationally oriented educational/ professional activities (specify in text box) • You were not engaged in any of the activities listed above during the current reporting period	
Expand on any of the educational/professional activities selected above that have significantly enhanced your understanding of other cultures in the text box below.	
Breadth and Depth of Knowledge	
Will your degree be granted by a multidisciplinary/ interdisciplinary program or a traditional single-discipline department? • Multidisciplinary/interdisciplinary program • Traditional single-discipline department	
What is the name of the home department/program that will grant your degree? (text box)	
Are there any other educational/professional experiences in which you have participated (that have not been mentioned in this survey) that have contributed materially to the depth and breadth of your scientific knowledge/understanding? (Yes No)	
If yes, provide a brief description of these educational/professional experiences (text box)	
Mentoring and Other Special Assistance	
During your time as an LSAMP Bridge student, have you received any form of special assistance (e.g., mentoring, academic, personal) beyond the support typically received by graduate students you know in other Ph.D. programs at this university? (Yes/No)	
Indicate whether you have received any mentoring or special assistance during the current reporting period. (Mark all that apply) • No mentoring/assistance was received during the current	

reporting period • Especially helpful mentoring from a faculty member, postdoc, or other graduate student(s) • Special academic assistance (e.g., tutoring, arrangements to take supporting courses, time extensions) • Help with personal problems or in making social connections • Other types of mentoring or special assistance (specify in text box)	
Expand on any of the types of assistance selected above that have significantly improved the quality of your experience at this institution. (text box)	

	Has the individual received a post doctorate appointment (Yes/No)
	If yes, please complete the following items
	    Date (Month/Year)
	    Institution
	    Department
	    Field

	Is the individual currently employed (Yes/No)
	If yes, please answer the following questions about this individual's main job When did the individual begin this job? (Month/Year) Is this job full-time (Yes/No) Employer type: Which of the following categories best describes this individual's employer in this job? ▬choose one or more • A private, for-profit company, business or individual, paying your wages, salary or commissions • A Private not-for-profit, tax-exempt or charitable organization • Self-employment in own Not Incorporated business, professional practice, or farm • Self-employment in own Incorporated business, professional practice, or farm • Local Government (e.g., city, county) • State Government • U.S. Military Service, active duty, or Commissioned Corps (e.g., USPHS, NOAA) • U.S. Government as a civilian employee • Other (please specify) Employment sector Thinking about this individuals' main business (i.e. what the employer makes or does), please indicate the single category that best fits the employer's main business. If the employer has more than one type of business, please answer for the type of work primarily performed at the location where this individual works. ▬choose one • Agriculture, forestry or fishing • Biotechnology • Construction or mining

	• Education
	• Finance, insurance, or real estate services
	• Health services
	• Information technology or computer services
	• Other services (e.g., social, legal, business)
	• Manufacturing
	• Public administration/government
	• Research (please specify)
	• Transportation services, utilities, or communications
	• Wholesale or retail trade
	• Other (please specify)
	
	Position/Job Title (Broad category) —choose one
	Position/Job Title —choose one
	Is job STEM related —choose one
	     Closely related
	     Somewhat related
	     Not related

	Is employer an educational institution (Yes/No)
	If yes, answer the following questions Type of Educational Institution—choose one • Preschool, elementary, or middle school system • Secondary school system • Two-year college, community college, technical institute • Four-year college or university, other than a medical school • Medical school (including university-affiliated hospital or medical center) • University-affiliated research institute • Other (please specify) Faculty Rank—choose one • Not applicable at the institution • Not applicable for my position • Professor • Associate professor • Assistant professor • Instructor • Lecturer • Adjunct Faculty • Other (please specify) Tenure Status—choose one • Not applicable: no tenure system at this institution • Not applicable: no tenure system for my position • Tenured • On tenure track but not tenured • Not on tenure track
Student Commentary	
Describe what you consider to be the most beneficial and exciting elements of being an LSAMP Bridge student. These might include (1) an opportunity you have had as a result of being an LSAMP Bridge students that has significantly affected your professional development, (2) an aspect of the project that provided exceptional "added value" to	

your educational experience, or (3) an aspect of the project that has been especially successful and/or represents a real change from the usual way graduate students are educated at your institution. (text box)	
Describe what you consider to be the least successful or least well-developed (to date) elements of the PhD program with which you are associated. Offer any suggestions you may have for making PhD a stronger and more effective graduate education program. (text box)	

[1] 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.

[2] Elements of these characteristics include: Sources and amount of funds, fellowships, scholarships, traineeships, partnerships, training, research methods.

[3] Elements of these characteristics include: research findings, publications, presentations, degrees granted, educational materials.