

**Appendix B:  
Crosswalk of LSAMP Survey Data Elements**

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

| <b>Common Collection</b>  |  |   |                                    |
|---|--|---|------------------------------------|
| <b>Categories</b>   |  |   |                                    |
| <b>Question</b>   | <b>Staff and Project Participant Characteristics<sup>1</sup></b> | <b>Project Implementation Characteristics<sup>2</sup></b> | <b>Project Outputs<sup>3</sup></b> |
| Respondent Contact Information :<br>Name: First, Last<br>Phone<br>Email   | X  |   |                                    |
| <b>1. Student Enrollment</b>  |  |   |                                    |
| Count of Chemistry student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:<br>Race<br>Black or African American<br>Native American<br>Alaska Native<br>Native Hawaiian or Other Pacific Islander<br>Asian<br>White<br>More Than One Race Reported:<br>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br>More Than One Race Reported:<br>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br>Race Not Reported or Unknown<br>Ethnicity<br>Hispanic or Latino<br>Not Hispanic or Latino<br>Not Reported<br>Gender<br>Male<br>Female<br>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:<br>Race<br>Black or African American<br>Native American<br>Alaska Native<br>Native Hawaiian or Other Pacific Islander<br>Asian<br>White   |  |   | X                                  |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>More Than One Race Reported:<br/>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.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p>  |   |  |                               |
| <p>Count of Mathematics student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White</p> <p>More Than One Race Reported:<br/>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.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p> |   |  | X                             |
| <p>Count of Computer science student enrollment (report Freshmen, Sophomores,</p>   |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> <li>Not Reported</li> </ul> <p>Gender</p> <ul style="list-style-type: none"> <li>Male</li> <li>Female</li> <li>Not Reported</li> </ul> |   |  |                               |
| <p>Count of Geosciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p>  |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>Ethnicity<br/> Hispanic or Latino<br/> Not Hispanic or Latino<br/> Not Reported<br/> Gender<br/> Male<br/> Female<br/> Not Reported</p>   |   |  |                               |
| <p>Count of Engineering student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time students separately) by:<br/> Race<br/> Black or African American<br/> Native American<br/> Alaska Native<br/> Native Hawaiian or Other Pacific Islander<br/> Asian<br/> White<br/> More Than One Race Reported:<br/> Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/> Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br/> More Than One Race Reported:<br/> Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/> Race Not Reported or Unknown<br/> Ethnicity<br/> Hispanic or Latino<br/> Not Hispanic or Latino<br/> Not Reported<br/> Gender<br/> Male<br/> Female<br/> Not Reported</p> |   |  | X                             |
| <p>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:<br/> Race<br/> Black or African American<br/> Native American<br/> Alaska Native<br/> Native Hawaiian or Other Pacific Islander<br/> Asian<br/> White<br/> More Than One Race Reported:<br/> Students reporting a) two or more</p>   |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>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.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p>   |   |  |                               |
| <p>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:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White</p> <p>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.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p> |   |  | X                             |
| <p>Count of Environmental Sciences student enrollment (report Freshmen, Sophomores, Juniors, Seniors, and unknown class students separately, and part-time and full-time</p>  |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>students separately) by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>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.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> <li>Not Reported</li> </ul> <p>Gender</p> <ul style="list-style-type: none"> <li>Male</li> <li>Female</li> <li>Not Reported</li> </ul> |   |  |                               |
| <p>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:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>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.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> </ul>          |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p>  |   |  |                               |
| <p><b>2. Degree Awards</b></p>   |   |  |                               |
| <p>Count of Chemistry degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White<br/>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br/>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p> |   |  | X                             |
| <p>Count of Physics/Astro degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White<br/>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p>   |   |  | X                             |



| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p>   |   |  |                               |
| <p>Count of Mathematics degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White<br/>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br/>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/>Race Not Reported or Unknown</p> <p>Ethnicity<br/>Hispanic or Latino<br/>Not Hispanic or Latino<br/>Not Reported</p> <p>Gender<br/>Male<br/>Female<br/>Not Reported</p> |   |  | X                             |
| <p>Count of Computer science degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>Black or African American<br/>Native American<br/>Alaska Native<br/>Native Hawaiian or Other Pacific Islander<br/>Asian<br/>White<br/>More Than One Race Reported:</p>   |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>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.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>         Hispanic or Latino<br/>         Not Hispanic or Latino<br/>         Not Reported</p> <p>Gender<br/>         Male<br/>         Female<br/>         Not Reported</p>   |   |  |                               |
| <p>Count of Geosciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>         Black or African American<br/>         Native American<br/>         Alaska Native<br/>         Native Hawaiian or Other Pacific Islander<br/>         Asian<br/>         White</p> <p>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.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity<br/>         Hispanic or Latino<br/>         Not Hispanic or Latino<br/>         Not Reported</p> <p>Gender<br/>         Male<br/>         Female<br/>         Not Reported</p> |   |  | X                             |
| <p>Count of Engineering degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race<br/>         Black or African American</p>   |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>Native American<br/> Alaska Native<br/> Native Hawaiian or Other Pacific Islander<br/> Asian<br/> White<br/> More Than One Race Reported:<br/> Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/> Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br/> More Than One Race Reported:<br/> Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/> Race Not Reported or Unknown<br/> Ethnicity<br/> Hispanic or Latino<br/> Not Hispanic or Latino<br/> Not Reported<br/> Gender<br/> Male<br/> Female<br/> Not Reported</p>  |   |  |                               |
| <p>Count of Life/Biological Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:<br/> Race<br/> Black or African American<br/> Native American<br/> Alaska Native<br/> Native Hawaiian or Other Pacific Islander<br/> Asian<br/> White<br/> More Than One Race Reported:<br/> Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/> Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.<br/> More Than One Race Reported:<br/> Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.<br/> Race Not Reported or Unknown<br/> Ethnicity<br/> Hispanic or Latino<br/> Not Hispanic or Latino<br/> Not Reported<br/> Gender<br/> Male<br/> Female</p> |   |  | X                             |

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p>        |
|--|---|--|--------------------------------------|
| <p>Not Reported</p>  |   |  |                                      |
| <p>Count of Agricultural Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> <li>Not Reported</li> </ul> <p>Gender</p> <ul style="list-style-type: none"> <li>Male</li> <li>Female</li> <li>Not Reported</li> </ul> |   |  | <p style="text-align: center;">X</p> |
| <p>Count of Environmental Sciences degrees (report Bachelor's, Master's, and Doctoral degrees separately) by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> </ul> <p>More Than One Race Reported:<br/>Students reporting a) two or more race categories and b) one or more of the reported categories include:<br/>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported:<br/>Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p>  |   |  | <p style="text-align: center;">X</p> |

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

| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>Service</p> <p>Subcategory</p> <ul style="list-style-type: none"> <li>Curriculum Reform</li> <li>Faculty Enrichment</li> <li>Other</li> <li>Curriculum Reform</li> <li>Faculty Enrichment</li> <li>Assistantships</li> <li>Research Pedagogy Courses</li> <li>Research Seminars</li> <li>Special Techniques Training</li> <li>Mentoring</li> <li>Recruitment</li> <li>Environmental Improvement</li> <li>Peer-Group Learning</li> <li>Academic Counseling</li> <li>Special Acad Supp</li> </ul> |   |  | <p>X</p>                      |
| <p>Field</p> <ul style="list-style-type: none"> <li>All</li> <li>Clubs</li> <li>Courses</li> <li>Faculty</li> <li>Field Trips</li> <li>Industry</li> <li>Material Development</li> <li>Mod of Degree Requirements</li> <li>Off-Site</li> <li>On-Site</li> <li>Other</li> <li>Peer</li> <li>Recruiters</li> <li>Seminars</li> <li>Short-Courses</li> <li>Social Events</li> <li>Tutoring</li> <li>Visiting Appointments</li> <li>Workshops</li> </ul>   |   |  | <p>X</p>                      |
| <p>Activity Description (text box)</p>   |   |  | <p>X</p>                      |
| <p>Activity Goals and Objectives (text box)</p>  |   |  | <p>X</p>                      |
| <p>Activity Outcome (text box)</p>   |   |  | <p>X</p>                      |
| <p>Count of students participating in each activity by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> <li>More Than One Race Reported:</li> <li style="padding-left: 20px;">Students reporting a) two or more race categories and b) one or more of the reported categories include:</li> </ul>                           |   |  | <p>X</p>                      |

| <p><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>Native American, Alaska Native, Black or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <p>Hispanic or Latino</p> <p>Not Hispanic or Latino</p> <p>Not Reported</p> <p>Gender</p> <p>Male</p> <p>Female</p> <p>Not Reported</p>  |   |  |                               |
| <p>Count of faculty and Graduate Students participating in each activity by:</p> <p>Race</p> <p>Black or African American</p> <p>Native American</p> <p>Alaska Native</p> <p>Native Hawaiian or Other Pacific Islander</p> <p>Asian</p> <p>White</p> <p>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.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <p>Hispanic or Latino</p> <p>Not Hispanic or Latino</p> <p>Not Reported</p> <p>Gender</p> <p>Male</p> <p>Female</p> <p>Not Reported</p> |   |  | X                             |
| <p><b>4. Individual Data</b></p>  |   |  |                               |
| <p><b>Student Participants</b> (complete a screen for each student)</p>   |   |  |                               |
| <p>Name: Last, First, Middle Initial</p>  | X   |  |                               |
| <p>Social Security Number</p>   | X   |  |                               |
| <p>Gender</p> <p>Male</p> <p>Female</p> <p>Not Reported</p>   | X   |  |                               |

| <b>Common Collection</b>   |  |  |   |                        |
|--|--|--|---|------------------------|
| <b>Categories</b>  |  | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| <b>Question</b>  |  |  |   |                        |
| Ethnicity<br>Hispanic or Latino<br>Not Hispanic or Latino<br>Not Reported  |  | X  |   |                        |
| Race (Choose one or more responses):<br>Native American<br>Alaska Native<br>Asian<br>Black or African American<br>Native Hawaiian or Other Pacific Islander<br>White<br>Not Reported |  | X  |   |                        |
| Disability Status (Choose one or more responses):<br>Hearing Impairment<br>Visual Impairment<br>Mobility/Orthopedic Impairment<br>Other<br>None<br>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   |                        |
| <b>Faculty Participants</b>  |  |  |   |                        |
| Name: Last, First, Middle Initial  |  | X  |   |                        |
| Social Security Number   |  | X  |   |                        |
| Gender<br>Male<br>Female<br>Not Reported   |  | X  |   |                        |
| Ethnicity<br>Hispanic or Latino<br>Not Hispanic or Latino<br>Not Reported  |  | X  |   |                        |
| Race (Choose one or more responses):<br>Native American<br>Alaska Native<br>Asian<br>Black or African American<br>Native Hawaiian or Other Pacific Islander<br>White<br>Not Reported |  | X  |   |                        |
| Disability Status (Choose one or more  |  | X  |   |                        |



| <p style="text-align: center;"><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>responses):</p> <ul style="list-style-type: none"> <li>Hearing Impairment</li> <li>Visual Impairment</li> <li>Mobility/Orthopedic Impairment</li> <li>Other</li> <li>None</li> <li>Not Reported</li> </ul>   |   |  |                               |
| <p>Discipline (select 1 from list)</p>  | X   |  |                               |
| <p>Faculty Rank (select 1 from list)</p>  | X   |  |                               |
| <p><b>5. Students Entering Graduate School Information</b></p>  |   |  |                               |
| <p>Count of students who received Direct Support by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> <li>More Than One Race Reported: <ul style="list-style-type: none"> <li>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.</li> <li>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</li> </ul> </li> <li>Race Not Reported or Unknown</li> </ul> <p>Ethnicity</p> <ul style="list-style-type: none"> <li>Hispanic or Latino</li> <li>Not Hispanic or Latino</li> <li>Not Reported</li> </ul> <p>Gender</p> <ul style="list-style-type: none"> <li>Male</li> <li>Female</li> <li>Not Reported</li> </ul> |   |  | X                             |
| <p>Count of students who did not receive direct support by:</p> <p>Race</p> <ul style="list-style-type: none"> <li>Black or African American</li> <li>Native American</li> <li>Alaska Native</li> <li>Native Hawaiian or Other Pacific Islander</li> <li>Asian</li> <li>White</li> <li>More Than One Race Reported: <ul style="list-style-type: none"> <li>Students reporting a) two or more race categories and b) one or more of the reported categories include: Native American, Alaska Native, Black</li> </ul> </li> </ul>  |   |  | X                             |

| <p><b>Common Collection</b></p> <p><b>Categories</b></p> <p><b>Question</b></p>  | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|--|---|--|-------------------------------|
| <p>or African American, Native Hawaiian or Other Pacific Islander.</p> <p>More Than One Race Reported: Students reporting a) both White and Asian, and b) no other categories in addition to White and Asian.</p> <p>Race Not Reported or Unknown</p> <p>Ethnicity</p> <p>Hispanic or Latino</p> <p>Not Hispanic or Latino</p> <p>Not Reported</p> <p>Gender</p> <p>Male</p> <p>Female</p> <p>Not Reported</p>   |   |  |                               |
| <p><b>5. Abstract and Budget Information</b></p>   |   |  |                               |
| <p>Summaries of alliance, alliance goals and objectives, and alliance impact and systemic changes (3 text boxes)</p>   |   |  | <p>X</p>                      |
| <p>Summaries of student activities, faculty development activities, curriculum development activities, and summer bridge and related outreach activities , and other activities (5 text boxes)</p>   |   | <p>X</p>   |                               |
| <p>Summaries of alliance highlights, accomplishments, and obstacles (3 text boxes)</p>   |   |  | <p>X</p>                      |
| <p>Alliance Budget:</p> <p>Dollar amounts and person-months, divided into NSF and Matching funding, for the following categories:</p> <p>Senior Personnel</p> <p>Post Doctoral Associates</p> <p>Other Professionals</p> <p>Graduate Students</p> <p>Undergraduate Students</p> <p>Secretarial/Clerical</p> <p>Other staff</p> <p>Fringe Benefits</p> <p>Permanent Equipment</p> <p>Travel</p> <p>Part Supp Costs</p> <p>Other Costs</p> <p>Indirect Costs</p> |   | <p>X</p>   |                               |
| <p>Text summaries of budget, matching funds, and subcontracts and contract amounts (3 text boxes)</p>  |   | <p>X</p>   |                               |
| <p>Non-Academic Partners:</p> <p>Name</p> <p>Type of Partner</p> <p>National Science Foundation</p> <p>Institution</p> <p>State of Local Government</p> <p>Federal Agency</p>  |   |  | <p>X</p>                      |

| <b>Categories</b>  | <b>Common Collection</b> |  |   |                        |
|--|--------------------------|--|---|------------------------|
| <b>Question</b>  |                          | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| Federal Lab<br>Foreign Government Corporation<br>Foundation and Other Non-Profit<br>Project Generated Other<br>Description |                          |  |   |                        |

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

| <b>Common Collection Categories</b>   |  |   |                        |
|---|--|---|------------------------|
| <b>Question</b>   | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| <b>BASELINE DATA</b>  |  |   |                        |
| 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<br>Male<br>Female<br>Not reported   | X  |   |                        |
| Ethnicity—choose one<br>Not Hispanic or Latino<br>Hispanic or Latino<br>Not reported  | X  |   |                        |
| Race—mark one or more<br>American Indian or Alaska Native<br>Asian<br>Black or African American<br>Native Hawaiian or Other Pacific Islander<br>White<br>Not reported | X  |   |                        |
| Disability— mark one or more<br>Hearing impairment<br>Mobility or orthopedic impairment<br>Visual impairment<br>Other (please specify) None<br>Not reported           | X  |   |                        |
| Citizenship—choose one:   | X  |   |                        |

| <b>Common Collection Categories</b>   |  |   |                        |
|---|--|---|------------------------|
| <b>Question</b>   | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| U.S. Citizen/U.S. National<br>U.S. Permanent Resident/Green Card holder<br>Other (please specify)   |  |   |                        |
| Undergraduate Major— check all that apply<br>Agricultural Science<br>Chemistry<br>Computer Science<br>Engineering<br>Environmental Science<br>Geosciences<br>Life/Biological Sciences<br>Mathematics<br>Physics/Astronomy<br>Other (please specify)                               | X  |   |                        |
| Undergraduate GPA   | X  |   |                        |
| Undergraduate GPA Scale—choose one<br>4 point scale<br>5 point scale  | X  |   |                        |
| LSAMP Level I or II Status:   |  |   |                        |
| Research experience during the undergraduate program—choose one<br>Yes<br>No  | X  |   |                        |
| GRE Scores<br>Verbal<br>Quantitative<br>Analytical  | X  |   |                        |
| Date entered STEM Graduate Program<br><br>Month<br>Year   | X  |   |                        |
| Date began receiving BD funding<br>Month<br>Year  | X  |   |                        |
| Did this student complete any graduate work before entering the current graduate program —choose one:<br>Yes<br>No<br>(peer comparison students only)   | X  |   |                        |
| Did this student complete any graduate work before receiving LSAMP BD funding—choose one:<br>Yes<br>No  | X  |   |                        |
| Broad Field Area  |  |   |                        |
| Field   |  |   |                        |
| Degree —choose one<br>No specific degree or certificate<br>Post baccalaureate Certificate<br>Masters (including MBA)<br>Post Masters Certificate<br>Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)<br>Other professional degree (JD, L.L.B., Th.D., M.D., DDS)<br>Other (please specify) | X  |   |                        |

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

| <b>Common Collection Categories</b>   |  |   |                        |
|---|--|---|------------------------|
| <b>Question</b>   | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| Research Assistantship awarded during the current reporting period —choose one:<br>Yes<br>No<br>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):<br>2001<br>2002<br>2003<br>2004<br>2005<br>2006   |  |   | X                      |
| Thesis Proposal - Date Approved:<br>Month Year  |  |   | X                      |
| Master's Degree - Date Awarded:<br>Month Year   |  |   | X                      |
| Ph.D. Qualifying Examinations - Date passed:<br>Month Year  |  |   | X                      |
| Ph.D. Candidacy - Date attained:<br>Month Year  |  |   | X                      |
| Dissertation Defense - Date passed:<br>Month Year   |  |   | X                      |
| Doctoral Dissertation - Date Approved:<br>Month Year  |  |   | X                      |
| Doctoral Degree - Date Awarded:<br>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:<br>Yes<br>No<br>If yes, please provide funding source —choose one:<br>Institution attending<br>Government fellowship: federal/state/local<br>Private fellowship |  | X   |                        |
| Did the student leave the program or drop out during the current reporting period —choose one:<br>Yes<br>No   |  | X   |                        |
| Date left or dropped Out:<br>Month Year   |  | X   |                        |
| If he or she left, was it to continue Ph.D. elsewhere?<br>Yes<br>No<br>Don't know   |  | X   |                        |
| If yes, please provide the following information<br>Transfer Date: Month Year<br>Institution Name:  |  | X   |                        |
| Please provide the permanent contact information for  | X  |   |                        |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Question</b></p>   | <p><b>Staff and Project Participant Characteristics</b></p> | <p><b>Project Implementation Characteristics</b></p> | <p><b>Project Outputs</b></p> |
|---|---|--|-------------------------------|
| <p>this student.<br/> Student's personal email address<br/> Address<br/> City<br/> State<br/> Zip Code<br/> Country<br/> Phone<br/> Ext.</p>  |   |  |                               |
| <p>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<br/> Name<br/> Relationship to this student<br/> Email address<br/> Address<br/> City<br/> State<br/> Zip Code<br/> Country<br/> Phone<br/> Ext.</p>  | X   |  |                               |
| <p>Has the individual received a post doctorate appointment —choose one<br/> Yes<br/> No<br/><br/> If yes, please complete the following items<br/> Date:   Month                   Year<br/> Institution<br/> Department<br/> Field</p>  |   |  | X                             |
| <p>Is the individual currently employed —choose one<br/> Yes<br/> No</p>  |   |  | X                             |
| <p>When did the individual begin this job? Month<br/> Year</p>  |   |  | X                             |
| <p>Is this job full-time —choose one<br/> Yes<br/> No</p>   |   |  | X                             |
| <p>Which of the following categories best describes this individual's employer in this job?<br/> A private, for-profit company, business or individual,<br/>                   paying your wages, salary or commissions<br/> A Private not-for-profit, tax-exempt or charitable organization<br/> Self-employment in own Not Incorporated business,<br/>                   professional practice, or farm<br/> Self-employment in own Incorporated business,<br/>                   professional practice, or farm<br/> Local Government (e.g., city, county)</p> |   |  | X                             |

| <b>Common Collection Categories</b>  |  |   |                        |
|--|--|---|------------------------|
| <b>Question</b>  | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| State Government<br>U.S. Military Service, active duty, or Commissioned<br>Corps (e.g., USPHS, NOAA)<br>U.S. Government as a civilian employee<br>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.<br>Agriculture, forestry or fishing<br>Biotechnology<br>Construction or mining<br>Education<br>Finance, insurance, or real estate services<br>Health services<br>Information technology or computer services<br>Other services (e.g., social, legal, business)<br>Manufacturing<br>Public administration/government<br>Research (please specify)<br>Transportation services, utilities, or communications<br>Wholesale or retail trade<br>Other (please specify) |  |   | X                      |
| Position/Job Title (Broad category)  |  |   | X                      |
| Position/Job Title   |  |   | X                      |
| Is job STEM related —choose one<br>Closely related<br>Somewhat related<br>Not related  |  |   | X                      |
| Is employer an educational institution —choose one<br>Yes<br>No  |  |   | X                      |
| Type of Educational Institution—choose one<br>Preschool, elementary, or middle school system<br>Secondary school system<br>Two-year college, community college, technical institute<br>Four-year college or university, other than a medical school<br>Medical school (including university-affiliated hospital or medical center<br>University-affiliated research institute<br>Other (please specify)  |  |   | X                      |
| Faculty Rank—choose one<br>Professor<br>Associate professor<br>Assistant professor<br>Instructor   |  |   | X                      |



| <b>Common Collection Categories</b>   |  |   |                        |
|---|--|---|------------------------|
| <b>Question</b>   | <b>Staff and Project Participant Characteristics</b> | <b>Project Implementation Characteristics</b> | <b>Project Outputs</b> |
| Lecturer<br>Adjunct Faculty<br>Other (please specify)<br>Not applicable at the institution<br>Not applicable for my position  |  |   |                        |
| Tenure Status—choose one<br>Tenured<br>On tenure track but not tenured<br>Not on tenure track<br>Not applicable: no tenure system at this institution<br>Not applicable: no tenure system for my position |  |   | X                      |

### Changes in LSAMP Bridge collection since previous clearance in 2005

| <b>Data Elements Cleared under LSAMP Task in 3145-0136 2005</b>   | <b>Data Elements in Revised System</b>   |
|---|--|
| <b>Graduate Student Data (completed by PI)</b>  | <b>ALL questions in system completed by PI</b>   |
| Name (text boxes):<br>First,<br>Middle Initial<br>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<br><br>Disbursement Method —choose one<br>Monthly<br>Quarterly<br>By Semester<br>Yearly<br><br>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)   |  |

|  |   |
|--|---|
| <p>When the student first began receiving funding. (Date box)</p>  | <p>Date began receiving BD funding (Month/Year)</p> <p>Has BD funding ended for this student (Yes/No)</p> <p>If yes, date funding ended (Month/Year)</p>  |
| <p>Did the student obtain a Ph.D. associated with the LSAMP project? (Yes/No)</p> <p>Year Ph.D. received. (Date box)</p>   | <p>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)</p> <p>2003</p> <p>2004</p> <p>2005</p> <p>2006</p> <p>Thesis Proposal - Date Approved (Month/Year)<br/>(Thesis not required)</p> <p>Master's Degree Abstract</p> <p>Master's Degree - Date Awarded (Month/Year)</p> <p>Qualifying Examinations - Date passed (Month/Year)</p> <p>PhD Candidacy - Date attained (Month/Year)</p> <p>Dissertation Defense - Date passed (Month/Year)</p> <p>Doctoral Dissertation - Date Approved (Month/Year)</p> <p>Doctoral Degree - Date Awarded (Month/Year)</p> <p>Doctoral Dissertation Abstract</p> |
|  | <p>Has the student received post-BD funding to continue graduate studies (Yes/No)</p> <p>If yes, please provide funding source —choose one</p> <p>Institution attending</p> <p>Government fellowship (federal/state/local)</p> <p>Private fellowship</p>  |
| <p>If the student did not receive a Ph.D, did the trainee stop pursuing a Ph.D. with the NSF-LSAMP project? (choose one)</p> <ul style="list-style-type: none"> <li>• Yes, and they have left the institution</li> <li>• Yes, though they are still enrolled at this institution</li> <li>• No</li> </ul>  | <p>Has student left the program or dropped out (Yes/No)</p>   |
| <p>If the student stopped pursuing a Ph.D. with the project, when did the student leave the program? (Date box)</p>  | <p>Date left or dropped out (Month/Year)</p>  |
| <p>If the student left the program, did the student receive a terminal master's degree? (Yes/No)</p>   |   |
| <p>If the student stopped pursuing a Ph.D with the program, why did pursuit stop? (Choose one)</p> <ul style="list-style-type: none"> <li>• Left to pursue other academic interests</li> <li>• Failed to meet program requirements</li> <li>• Left to pursue employment,</li> <li>• Left due to family and/or economic constraints</li> <li>• Intended to pursue Masters Degree only</li> <li>• Unknown</li> </ul> | <p>If left, did so to continue Ph.D. elsewhere? —choose one</p> <p>Yes</p> <p>No</p> <p>Don't know</p> <p>If yes, please provide the following information</p> <p>Transfer Date (Month/Year)</p> <p>Institution Name</p>  |

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Other</li> </ul>  |  |
| <p>If the student stopped pursuing a Ph.D., what was the student's primary employment and education status after incompleting of Ph.D.? (Choose one)?</p> <ul style="list-style-type: none"> <li>• Private sector employment</li> <li>• Academic research employment</li> <li>• Education (teaching) employment</li> <li>• Public sector employment</li> <li>• Graduate study</li> <li>• Unknown</li> <li>• Other</li> </ul> |  |

| <b>Data Elements Cleared under LSAMP Task in 3145-0136</b>   | <b>Data Elements in Revised System</b>  |
|--|---|
| <b>Graduate Student Data Collection Module (to be completed by student)</b>  | <b>ALL questions in system completed by PI</b>  |
| Name (text boxes):<br>First,<br>Middle Initial<br>Last   |   |
| Contact Information (text or data boxes):<br>Dept. at Institution<br>Current Address<br>Current City<br>Current State<br>Current ZIP<br>Phone<br>Extension<br>Fax<br>E-mail Address<br>Web URL |   |
| Ethnicity (choose one):<br>Hispanic or Latino<br>Not Hispanic or Latino<br>Not reported  | Ethnicity—choose one<br>Not Hispanic or Latino<br>Hispanic or Latino<br>Not reported  |
| Race (choose one or more):<br>American Indian or Alaska Native<br>Asian<br>Black or African American<br>Native Hawaiian or other Pacific Islander<br>White<br>Not Reported                     | Race—choose one or more<br>American Indian or Alaska Native<br>Asian<br>Black or African American<br>Native Hawaiian or Other Pacific Islander<br>White<br>Not reported |
| Gender (Choose one):<br>Male<br>Female   | Gender—choose one<br>Male<br>Female   |

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| Not reported   | Not reported  |
| <p>Disability Status (Choose one or more):</p> <ul style="list-style-type: none"> <li>Hearing Impairment</li> <li>Visual Impairment</li> <li>Mobility/Orthopedic Impairment</li> <li>Other</li> <li>None</li> <li>Not reported</li> </ul>  | <p>Disability—choose one or more:</p> <ul style="list-style-type: none"> <li>Hearing impairment</li> <li>Mobility or orthopedic impairment</li> <li>Visual impairment</li> <li>Other (please specify)</li> <li>None</li> <li>Not reported</li> </ul>  |
| <p>Citizenship (Choose one):</p> <ul style="list-style-type: none"> <li>U.S. Citizen/U.S. National</li> <li>U.S. Permanent Resident</li> <li>Other non-U.S. Citizen</li> <li>Not Reported</li> </ul>   |   |
| <p>Current Advisor(s) (Check all that apply).</p> <p>Selections pre-populated by PI data.</p>  |   |
|  | <p>Graduate Program:</p> <ul style="list-style-type: none"> <li>Intended Broad Major Area</li> <li>Intended Major</li> <li>Intended Degree <ul style="list-style-type: none"> <li>No specific degree or certificate</li> <li>Post baccalaureate Certificate</li> <li>Masters (including MBA)</li> <li>Post Masters Certificate</li> <li>Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)</li> <li>Other professional degree (JD, L.L.B., Th.D., M.D, DDS, etc.)</li> <li>Other (please specify)</li> </ul> </li> </ul>   |
| <p>Permanent Contact Information</p> <ul style="list-style-type: none"> <li>Social Security number</li> <li>Personal E-mail</li> <li>Person likely to know how to reach you in three years: <ul style="list-style-type: none"> <li>Name</li> <li>Relationship to you</li> <li>Address</li> <li>City</li> <li>State</li> <li>ZIP</li> <li>Country</li> <li>Phone</li> <li>Extension</li> <li>Email Address</li> </ul> </li> </ul> | <p>Social Security Number</p> <p>Student's personal email address (Other than his or her current school address, if available)</p> <p>Please select whose contact information is provided below —choose one</p> <ul style="list-style-type: none"> <li>The student's</li> <li>A person likely to know how to reach this student</li> </ul> <p>Name (If "A person likely to know how to reach this student" is selected above)</p> <p>Relationship to this student (If "A person likely to know how to reach this student" is selected above)</p> <p>Address</p> <p>City</p> <p>State, Zip Code</p> <p>Country</p> <p>Phone</p> <p>Email address</p> |
| <b>Academic/Professional Background Prior to Program</b>   |   |
| <p>Undergraduate Degree Prior Program:</p> <p>Undergraduate Major (choose one of many majors)</p> <p>Double Major (choose one of many majors)</p> <p>Undergraduate Institution (text box)</p> <p>Undergraduate Inst. City (text box)</p> <p>Undergrad. Inst. State (text box)</p>  | <p>Date of Bachelor's Degree (Month/Year)</p> <p>Undergraduate Major—choose one</p> <ul style="list-style-type: none"> <li>Agricultural Science</li> <li>Chemistry</li> <li>Computer Science</li> <li>Engineering</li> <li>Geosciences</li> <li>Life/Biological Sciences</li> </ul>   |

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| When did you receive your first undergraduate degree? (date box)   | Mathematics<br>Physics/Astronomy<br>Environmental Science<br>Other (please specify)  |
|  | Undergraduate GPA  |
|  | Research experience during the undergraduate program (Yes/No)  |
|  | GRE Scores<br>Verbal<br>Quantitative<br>Analytical   |
| Did you obtain a post-undergraduate degree prior to Program? (Yes/No)<br><ul style="list-style-type: none"> <li>• Degree Type (choose one of several degree types)</li> <li>• When received (date box)</li> <li>• Institution (text box)</li> </ul>  | Did the student complete any graduate work before receiving LSAMP BD funding? (Yes/No)<br><br>If yes, please provide the following data<br>Broad Field Area<br>Field<br>Degree —choose one<br>No specific degree or certificate<br>Post baccalaureate Certificate<br>Masters (including MBA)<br>Post Masters Certificate<br>Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)<br>Other professional degree (JD, L.L.B., Th.D., M.D, DDS, etc.)<br>Other (please specify)<br>Date degree awarded (Month/Year)<br>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<br>Yes<br>No<br>Not Applicable  |
|  | Research Assistantship awarded prior to receiving LSAMP BD funding—choose one<br>Yes<br>No<br>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)   |  |
| <b>Academic Achievement</b>  |  |
| Counts of any professional publications, or patents applied for or won during the current reporting period. (data boxes for each item)<br><ul style="list-style-type: none"> <li>• Publications (Excluding Articles in Refereed Journals)</li> <li>• Journal Articles in Refereed</li> </ul> | Number of Publications<br>Peer-reviewed<br>non-peer reviewed   |

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| <p>Journals</p> <ul style="list-style-type: none"> <li>• Books</li> <li>• Book Chapters</li> <li>• Patent Applications</li> <li>• Approved Patents</li> </ul>  |  |
| <p>Provide citations for each item counted above and estimate the percentage of the product cited that resulted from your personal effort. (text box)</p>  |  |
| <p>Provide counts of any presentations, awards, or scholarly achievements you have received during the current reporting period. (data boxes for each item)</p> <ul style="list-style-type: none"> <li>• Presentations at Regional Conferences</li> <li>• Presentations at National Conferences</li> <li>• Presentations at International Conferences</li> <li>• Awards and Recognition Received</li> <li>• Other Scholarly Achievements</li> </ul>  | <p>Number of Presentations (Oral)</p> <p>Number of Poster Presentations</p>                  |
|  | <p>Number of graduate course credits completed</p>   |
|  | <p>Teaching Assistantship awarded —choose one</p> <p>Yes</p> <p>No</p> <p>Not Applicable</p> |
|  | <p>Research Assistantship awarded —choose one</p> <p>Yes</p> <p>No</p> <p>Not Applicable</p> |
| <p>Provide descriptions of the items counted above for the current reporting period. (text box)</p>  |  |
| <p><b>Ability To Communicate Professionally</b></p>  |  |
| <p>Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (check all that apply)</p> <ul style="list-style-type: none"> <li>• Training/coursework in professional writing</li> <li>• Training/coursework in professional speaking/presentation skills</li> <li>• Presentations made at the LSAMP institution</li> <li>• Professional conferences attended</li> <li>• Poster sessions/presentations outside the IGERT institution</li> <li>• Oral presentations outside the LSAMP institution</li> <li>• Other activities to develop or increase your ability to communicate professionally (specify in text box)</li> <li>• You were not engaged in any of the activities listed above during the current reporting period.</li> </ul> |  |

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| <p>Provide counts for any of the following professional activities that you checked above. (data boxes for each item)</p> <ul style="list-style-type: none"> <li>• Presentations made at your home institution</li> <li>• Professional conferences attended</li> <li>• Poster sessions/presentations outside your home institution</li> <li>• Oral presentations outside your home institution</li> <li>• Other activities to develop or increase your ability to communicate professionally</li> </ul>   |  |
| <p>Expand on any of the educational/professional activities identified above that have significantly enhanced your ability to communicate professionally. (text box)</p>  |  |
| <p><b>Professional Skills To Conduct High-Quality Research</b></p>  |  |
| <p>Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (Mark all that apply)</p> <ul style="list-style-type: none"> <li>• Training/coursework in responsible conduct of research</li> <li>• Training/coursework in statistics</li> <li>• Training/coursework in research methods</li> <li>• Training/coursework in state-of-the-art instrumentation</li> <li>• Participation in research projects within your own discipline area but outside your dissertation research</li> <li>• Other activities to develop or increase professional skills to conduct high-quality research (specify in text box)</li> <li>• You were not engaged in any of the activities listed above during the current reporting period.</li> </ul> |  |
| <p>Expand on any of the educational/professional activities identified above that have significantly enhanced your ability to conduct high-quality research. (text box)</p>   |  |
| <p><b>Professional Skills in Education</b></p>  |  |
| <p>Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period (check all that apply).</p> <ul style="list-style-type: none"> <li>• Teaching assistantships</li> <li>• Mentoring of high school, undergraduate, or other graduate students</li> <li>• Courses developed and/or major</li> </ul>   |  |

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| <p>teaching roles</p> <ul style="list-style-type: none"> <li>• Participation in any multidisciplinary/ interdisciplinary course development, teaching, or other educational effort</li> <li>• Participation in any group education efforts (e.g., team teaching, teamwork on course development)</li> <li>• Other activities to develop or increase professional skills in education. (specify in text box)</li> <li>• You were not engaged in any of the activities listed above during the current reporting period.</li> </ul>  |  |
| <p>Expand on any of the educational/professional activities identified above that have significantly enhanced your professional skills in education (text box)</p>   |  |
| <p><b>Professional Skills Applicable to Careers in Industry, Government, or the Public Sector</b></p>  |  |
| <p>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).</p> <ul style="list-style-type: none"> <li>• Participation in any research project involving multiple disciplines</li> <li>• Participation/experience in team research efforts</li> <li>• Participation in any interaction between academic research and industrial applications or between academic research and public policy development or application</li> <li>• Training/experience in communications across disciplines and to different audiences (including the general public)</li> <li>• Educational-interactions (e.g., courses, workshops, seminars) with industry professionals or with Government or other public-sector professionals</li> <li>• Research interactions (other than internships) with industry professionals or with government or other public-sector professionals</li> <li>• Other activities to enhance your professional skills applicable to careers (specify in text box)</li> <li>• You were not engaged in any of the activities listed above during the current reporting period.</li> </ul> |  |
| <p>Expand on any of the educational/professional activities identified above that have significantly enhanced your professional skills in education (text box)</p>   |  |



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| <p>professional activities identified above that have significantly enhanced your professional skills applicable to careers in industry, government, or the public sector. (text box)</p>  |  |
| <p><b>Off-Campus Internships/Industrial Rotations</b></p>  |  |
| <p>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)</p>   |  |
| <p>If <b>yes</b>, please indicate the type of setting and the duration (to the nearest month) of the internship(s).</p> <ul style="list-style-type: none"> <li>• Internship Setting (choose one of several)</li> <li>• Number of Months (data box)</li> </ul> <p>Spaces for several internship settings are available on survey.</p>   |  |
| <p>Indicate whether any of the following benefits resulted from your internship(s) during the current reporting period. (Mark all that apply)</p> <ul style="list-style-type: none"> <li>• Experience with applied research</li> <li>• Experience with team approaches to problem solving</li> <li>• Experience communicating and working with people from different disciplinary or professional backgrounds</li> <li>• Increased awareness of non-academic job opportunities available to people with similar education and interests</li> <li>• Development of a thesis and/or dissertation research topic</li> <li>• Financial or equipment support to complete thesis research</li> <li>• Likelihood of a job offer after graduation</li> <li>• Other benefits (specify in text box)</li> <li>• No benefits resulted from internship(s) during the current reporting period.</li> </ul> |  |
| <p>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)</p>  |  |
| <p><b>International Perspective</b></p>  |  |
| <p>Indicate whether you have engaged in any of the following educational/professional activities during the current reporting period. (Mark all that apply)</p> <ul style="list-style-type: none"> <li>• Experience working with scientist(s) of other nationalities</li> </ul>  |  |

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| <p>within the United States</p> <ul style="list-style-type: none"> <li>• Experience communicating and working with people of different cultures, nationalities, or backgrounds</li> <li>• Internships or other experiences working with scientist(s) of other nationalities in their own countries</li> <li>• Experience, outside of your studies, living and/or working in a foreign country</li> <li>• Other internationally oriented educational/ professional activities (specify in text box)</li> <li>• You were not engaged in any of the activities listed above during the current reporting period</li> </ul> |  |
| <p>Expand on any of the educational/professional activities selected above that have significantly enhanced your understanding of other cultures in the text box below.</p>   |  |
| <p><b>Breadth and Depth of Knowledge</b></p>  |  |
| <p>Will your degree be granted by a multidisciplinary/ interdisciplinary program or a traditional single-discipline department?</p> <ul style="list-style-type: none"> <li>• Multidisciplinary/interdisciplinary program</li> <li>• Traditional single-discipline department</li> </ul>   |  |
| <p>What is the name of the home department/program that will grant your degree? (text box)</p>  |  |
| <p>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)</p>   |  |
| <p>If yes, provide a brief description of these educational/professional experiences (text box)</p>   |  |
| <p><b>Mentoring and Other Special Assistance</b></p>  |  |
| <p>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)</p>   |  |
| <p>Indicate whether you have received any mentoring or special assistance during the current reporting period. (Mark all that apply)</p> <ul style="list-style-type: none"> <li>• No mentoring/assistance was received during the current</li> </ul>  |  |

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| <p>reporting period</p> <ul style="list-style-type: none"> <li>• Especially helpful mentoring from a faculty member, postdoc, or other graduate student(s)</li> <li>• Special academic assistance (e.g., tutoring, arrangements to take supporting courses, time extensions)</li> <li>• Help with personal problems or in making social connections</li> <li>• Other types of mentoring or special assistance (specify in text box)</li> </ul> |  |
| <p>Expand on any of the types of assistance selected above that have significantly improved the quality of your experience at this institution. (text box)</p>   |  |
|  | <p>Has the individual received a post doctorate appointment (Yes/No)<br/> If yes, please complete the following items<br/> Date (Month/Year)<br/> Institution<br/> Department<br/> Field</p>   |
|  | <p>Is the individual currently employed (Yes/No)</p>   |
|  | <p>If yes, please answer the following questions about this individual's main job</p> <p>When did the individual begin this job? (Month/Year)</p> <p>Is this job full-time (Yes/No)</p> <p>Employer type:<br/> Which of the following categories best describes this individual's employer in this job? —choose one or more</p> <ul style="list-style-type: none"> <li>• A private, for-profit company, business or individual, paying your wages, salary or commissions</li> <li>• A Private not-for-profit, tax-exempt or charitable organization</li> <li>• Self-employment in own Not Incorporated business, professional practice, or farm</li> <li>• Self-employment in own Incorporated business, professional practice, or farm</li> <li>• Local Government (e.g., city, county)</li> <li>• State Government</li> <li>• U.S. Military Service, active duty, or Commissioned Corps (e.g., USPHS, NOAA)</li> <li>• U.S. Government as a civilian employee</li> <li>• Other (please specify)</li> </ul> <p>Employment sector<br/> 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</p> <ul style="list-style-type: none"> <li>• Agriculture, forestry or fishing</li> <li>• Biotechnology</li> <li>• Construction or mining</li> </ul> |

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|  | <ul style="list-style-type: none"> <li>• Education</li> <li>• Finance, insurance, or real estate services</li> <li>• Health services</li> <li>• Information technology or computer services</li> <li>• Other services (e.g., social, legal, business)</li> <li>• Manufacturing</li> <li>• Public administration/government</li> <li>• Research (please specify)</li> <li>• Transportation services, utilities, or communications</li> <li>• Wholesale or retail trade</li> <li>• Other (please specify)</li> </ul> <p>Position/Job Title (Broad category) —choose one<br/> Position/Job Title —choose one<br/> Is job STEM related —choose one<br/> Closely related<br/> Somewhat related<br/> Not related</p>  |
|  | <p>Is employer an educational institution (Yes/No)</p>  |
|  | <p>If yes, answer the following questions</p> <p>Type of Educational Institution—choose one</p> <ul style="list-style-type: none"> <li>• Preschool, elementary, or middle school system</li> <li>• Secondary school system</li> <li>• Two-year college, community college, technical institute</li> <li>• Four-year college or university, other than a medical school</li> <li>• Medical school (including university-affiliated hospital or medical center)</li> <li>• University-affiliated research institute</li> <li>• Other (please specify)</li> </ul> <p>Faculty Rank—choose one</p> <ul style="list-style-type: none"> <li>• Not applicable at the institution</li> <li>• Not applicable for my position</li> <li>• Professor</li> <li>• Associate professor</li> <li>• Assistant professor</li> <li>• Instructor</li> <li>• Lecturer</li> <li>• Adjunct Faculty</li> <li>• Other (please specify)</li> </ul> <p>Tenure Status—choose one</p> <ul style="list-style-type: none"> <li>• Not applicable: no tenure system at this institution</li> <li>• Not applicable: no tenure system for my position</li> <li>• Tenured</li> <li>• On tenure track but not tenured</li> <li>• Not on tenure track</li> </ul> |
| <p><b>Student Commentary</b></p>   |   |
| <p>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</p> |   |

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| <p>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)</p>  |  |
| <p>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)</p> |  |

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<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.