

**Attachment F1**

**Louis Stokes Alliances for Minority Participation Bridge to the  
Doctorate (LSAMP-BD)  
Monitoring System**

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## LSAMP-BD: Crosswalk

| Common Collection Categories  | Staff and Project Participant Characteristics <sup>1</sup> | Project Implementation Characteristics <sup>2</sup> | Project Outputs <sup>3</sup> |
|---|--|---|------------------------------|
| Questions   |  |   |                              |
| <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  |   |                              |
| Bachelor's Degree-awarding Institution (peer comparison students only)  | X  |   |                              |
| LSAMP Alliance (to which the above LSAMP institution belongs) (BD students only)  | X  |   |                              |
| Social Security Number (not required)   | X  |   |                              |
| Student ID at the Institution (requested/optional)  | X  |   |                              |
| Gender <ul style="list-style-type: none"> <li>• Male</li> <li>• Female</li> <li>• Not reported</li> </ul>   | X  |   |                              |
| Ethnicity <ul style="list-style-type: none"> <li>• Not Hispanic or Latino</li> <li>• Hispanic or Latino</li> <li>• Not reported</li> </ul>  | X  |   |                              |
| Race (choose one or more) <ul style="list-style-type: none"> <li>• American Indian or Alaska Native</li> <li>• Asian</li> <li>• Black or African American</li> <li>• Native Hawaiian or Other Pacific Islander</li> <li>• White</li> <li>• Not reported</li> </ul>  | X  |   |                              |
| Disability<br>Yes (check yes if any of the following apply): <ul style="list-style-type: none"> <li>• Deaf or serious difficulty hearing</li> <li>• Blind or serious difficulty seeing even when wearing glasses</li> <li>• Serious difficulty walking or climbing stairs</li> <li>• Other serious disability related to a physical, mental, or emotional condition</li> </ul> No<br>Do not wish to provide | X  |   |                              |
| Citizenship—choose one: <ul style="list-style-type: none"> <li>• U.S. Citizen/U.S. National</li> <li>• U.S. Permanent Resident/Green Card holder</li> <li>• Other (please specify)</li> </ul>   | X  |   |                              |
| Date of bachelor's degree   | X  |   |                              |

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

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

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

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>  | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|---|---|--|---|
| Month<br>Year   |   |  |   |
| Undergraduate Major (choose one or more) <ul style="list-style-type: none"> <li>• Agricultural Science</li> <li>• Chemistry</li> <li>• Computer Science</li> <li>• Engineering</li> <li>• Environmental Science</li> <li>• Geosciences</li> <li>• Life/Biological Sciences</li> <li>• Mathematics</li> <li>• Physics/Astronomy</li> <li>• Other (please specify)</li> </ul> | X   |  |   |
| Undergraduate GPA   | X   |  |   |
| Undergraduate GPA Scale<br>4 point scale<br>5 point scale   | X   |  |   |
| LSAMP Level I or II Status: (BD students only)  |   |  |   |
| GRE Scores<br>Verbal Reasoning<br>Quantitative Reasoning<br>Analytical Writing  | X   |  |   |
| Research experience during the undergraduate program-choose one <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>   | X   |  |   |
| GRE Scores<br>Verbal Reasoning<br>Quantitative Reasoning<br>Analytical Writing<br><br>Please mark the checkbox if this student did not take the GRE   | X   |  |   |
| Date entered the STEM Graduate Program<br>Month      Year   | X   |  |   |
| Date began receiving BD funding (BD students only)<br>Month      Year   | X   |  |   |
| Date entered current graduate program (peer comparison students only)<br>Month      Year  | X   |  |   |
| Did this student complete any graduate work before receiving LSAMP BD funding (BD students only) <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  | X   |  |   |
| Did this student complete any graduate work before entering the current program (peer comparison students only) <ul style="list-style-type: none"> <li>• Yes</li> </ul>   | X   |  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>  | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|---|---|--|---|
| <ul style="list-style-type: none"> <li>• No</li> </ul>  |   |  |   |
| <p>Broad Field Area</p>   |   |  |   |
| <p>Field</p>  |   |  |   |
| <p>Degree —Choose Degree</p> <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 (J.D., L.L.B., Th.D., M.D, DDS. etc.)</li> <li>• Other (please specify)</li> </ul> | X   |  |   |
| <p>Date degree awarded</p> <p style="padding-left: 20px;">Month      Year</p>   | X   |  |   |
| <p>If no prior graduate degrees please provide the number of graduate credits completed prior to receiving LSAMP BD funding (BD students only)</p>  | X   |  |   |
| <p>If no prior graduate degrees please provide the number of graduate credits completed prior to entering the current graduate program (peer comparison students only)</p>  | X   |  |   |
| <p>Teaching assistantship awarded prior to receiving LSAMP BD funding (BD students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  | X   |  |   |
| <p>Teaching assistantship awarded prior to entering the current graduate program (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  | X   |  |   |
| <p>Research assistantship awarded prior to receiving LSAMP BD funding (BD students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  | X   |  |   |
| <p>Research assistantship awarded prior to entering the current graduate program (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  | X   |  |   |
| <b>ANNUAL DATA</b>  |   |  |   |
| <p>As an undergraduate, did this student participate in LSAMP activities (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |   |  |   |
| <p>LSAMP Level I or II Status (peer comparison students only)</p>   |   |  |   |
| <p>Graduate Program</p>   | X   |  |   |
| <p>Intended Broad Major Area</p>  | X   |  |   |
| <p>Intended Major</p>   | X   |  |   |
| <p>Intended Degree (choose one or more)</p>   | X   |  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>   | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <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 (J.D., L.L.B., Th.D., M.D, D.D.S., etc.)</li> <li>• Other (please specify)</li> </ul>  |   |  |   |
| <p>From which of these sources did this student receive financial support during the current reporting period (BD students only)</p> <p>NSF LSAMP BD Fellowship<br/>Yes/No<br/>Amount</p> <p>NSF other grant/fellow<br/>Yes/No<br/>Program Name<br/>Amount</p> <p>Institution attending<br/>Yes/No<br/>Type of support</p> <p>Government (federal/state/local)<br/>Yes/No<br/>Type of support</p> <p>Private funding<br/>Yes/No<br/>Type of support</p> <p>Other sources (please specify)<br/>Yes/No<br/>Amount</p> <p>No financial support received</p> | X   |  |   |
| <p>From which of these sources did this student receive financial support during the current reporting period (peer comparison students only)</p> <p>NSF grant/fellow<br/>Yes/No<br/>Program Name</p> <p>Other sources (please specify)<br/>Yes/No</p> <p>No financial support received</p>  | X   |  |   |
| <p>From which of these sources did this student receive financial support to pursue graduate studies (i.e., participate in the graduate program listed in the baseline data form) at your institution at any time BEFORE this reporting period (peer comparison students only)</p> <p>NSF grant/fellow</p>   | X   |  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>   | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <p style="text-align: center;">Yes/No<br/>Program Name<br/>Other sources (please specify)<br/>Yes/No<br/>No financial support received</p>   |   |  |   |
| <p>LSAMP-BD Disbursement Method —choose one (BD students only)<br/>Monthly<br/>Quarterly<br/>By Semester<br/>Yearly</p>  | X   |  |   |
| <p>Is the LSAMP-BD stipend or payment based on academic performance —choose one (BD students only)<br/>Yes<br/>No</p>  | X   |  |   |
| <p>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</p>   | X   |  |   |
| <p>Number of graduate courses credits completed during the current reporting period</p>  |   |  | X   |
| <p>Teaching assistantship awarded during the current reporting period</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Not Applicable</li> </ul>  |   |  | X   |
| <p>Research Assistantship awarded during the current reporting period</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Not Applicable</li> </ul>  |   |  | X   |
| <p>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):</p> <ul style="list-style-type: none"> <li>• Year:</li> <li>• Not entered to Ph.D. track</li> </ul> |   |  | X   |
| <p>Thesis Proposal - Date Approved:<br/>Month Year<br/>Not applicable; thesis proposal is not required</p>   |   |  | X   |
| <p>Master's Degree - Date Awarded:<br/>Month Year</p>  |   |  | X   |
| <p>Ph.D. Qualifying Examinations - Date passed:</p>  |   |  | X   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>   | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <p>Month      Year</p>   |   |  |   |
| <p>Ph.D. Candidacy - Date attained:<br/>Month      Year</p>  |   |  | X   |
| <p>Dissertation Defense - Date passed:<br/>Month      Year</p>   |   |  | X   |
| <p>Doctoral Dissertation - Date Approved:<br/>Month      Year</p>  |   |  | X   |
| <p>Doctoral Degree - Date Awarded:<br/>Month      Year</p>   |   |  | X   |
| <p>Doctoral Dissertation Abstract</p>  |   |  | X   |
| <p>Did the student receive post-LSAMP BD funding to continue graduate studies during the current reporting period (BD students only)—choose one:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>If yes, please provide funding source —choose one:</p> <ul style="list-style-type: none"> <li>• Institution attending</li> <li>• Government fellowship: federal/state/local</li> <li>• Private fellowship</li> </ul> |   | X  |   |
| <p>Did the student leave without completing the program during the current reporting period:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>   |   | X  |   |
| <p>If yes, please provide the date the student left the program:<br/>Month      Year</p>   |   | X  |   |
| <p>If he or she left, was it to continue Ph.D. elsewhere?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Don't know</li> </ul>  |   | X  |   |
| <p>If he or she left to continue Ph.D. elsewhere, please provide the transfer date:<br/>Month      Year</p>  |   | X  |   |
| <p>Transfer institution name:</p>  |   | X  |   |
| <p>Graduate program at transfer institution:</p>   |   | X  |   |
| <p>Intended broad major area at transfer institution:</p>  |   | X  |   |
| <p>Intended major at transfer institution:</p>   |   | X  |   |
| <p>Intended degree at transfer institution:</p> <ul style="list-style-type: none"> <li>• No specific degree or certificate</li> <li>• Post baccalaureate Certificate</li> <li>• Masters (including MBA)</li> </ul>   |   | X  |   |



| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>  | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|---|---|--|---|
| <ul style="list-style-type: none"> <li>• Post Masters Certificate</li> <li>• Doctorate (Ph.D., D.S.C., D.Sc., Ed.D.)</li> <li>• Other professional degree (J.D., L.L.B., Th.D., M.D, DDS. etc.)</li> <li>• Other (please specify)</li> </ul>  |   |  |   |
| <p>Current status at transfer institution:</p> <ul style="list-style-type: none"> <li>• Not yet graduated, but pursuing a doctorate</li> <li>• Graduated with a doctorate<br/> Date graduated from transfer institution:<br/> Month      Year</li> <li>• Dropped out<br/> Date dropped out from transfer institution:<br/> Month      Year</li> <li>• Other (please specify)</li> </ul> |   | X  |   |
| <p>If the student transferred, how were the responses to the transfer questions obtained?(choose one)</p> <ul style="list-style-type: none"> <li>• Institutional Records</li> <li>• Telephone Interviews</li> <li>• Exit Interviews</li> <li>• Web surveys</li> <li>• Email</li> <li>• Paper surveys</li> <li>• Other (please specify)</li> </ul>                                       |   | X  |   |
| <p>Please provide the permanent contact information for this student.</p> <p>Student's email address<br/> Student's personal email address<br/> Address<br/> City<br/> State<br/> Zip Code<br/> Country<br/> Phone<br/> Ext.</p>  | X   |  |   |
| <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</p> <p>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><b>FOLLOWUP DATA</b></p>   |   |  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>   | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <p>You indicated that you left the BD program. Did you return to complete your graduate studies? (BD students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |   | X  |   |
| <p>You indicated that you left the institution. Did you return to complete your graduate studies? (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |   | X  |   |
| <p>When did you return to continue your graduate studies?</p> <p style="padding-left: 40px;">Month      Year</p>   |   | X  |   |
| <p>If you returned to continue your graduate studies, in which program did you enroll? (choose one or more)</p> <ul style="list-style-type: none"> <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 (J.D., L.L.B., Th.D., M.D, D.D.S., etc.)</li> <li>• Other (please specify)</li> </ul>   |   | X  |   |
| Graduate program   |   | X  |   |
| Intended broad major area  |   | X  |   |
| Intended major   |   | X  |   |
| <p>Did you return to [student's original institution name]?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |   | X  |   |
| <p>If No, please provide the name of the institution in which you enrolled:</p>  |   | X  |   |
| <p>Please mark the checkbox if no followup data are available for this individual</p>  | X   |  |   |
| <p>Did you receive financial support for your M.S./Ph.D. from the following sources? (BD students only)</p> <p style="padding-left: 20px;">NSF LSAMP BD Fellowship</p> <p style="padding-left: 40px;">Yes/No</p> <p style="padding-left: 40px;">Amount</p> <p style="padding-left: 20px;">NSF other grant/fellow</p> <p style="padding-left: 40px;">Yes/No</p> <p style="padding-left: 40px;">Program Name</p> <p style="padding-left: 40px;">Amount</p> <p style="padding-left: 20px;">Institution attending</p> <p style="padding-left: 40px;">Yes/No</p> <p style="padding-left: 40px;">Type of support</p> <p style="padding-left: 20px;">Government (federal/state/local)</p> <p style="padding-left: 40px;">Yes/No</p> <p style="padding-left: 40px;">Type of support</p> <p style="padding-left: 20px;">Private funding</p> <p style="padding-left: 40px;">Yes/No</p> | X   |  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>  | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|---|---|--|---|
| <p style="text-align: center;">Type of support<br/>Other sources (please specify)<br/>Yes/No<br/>Amount<br/>No financial support received</p>   |   |  |   |
| <p>Have you received a post doctorate appointment —choose one<br/>Yes<br/>No</p> <p>If yes, please complete the following items<br/>Date:   Month                   Year<br/>Institution<br/>Department<br/>Field</p>   |   |  | X   |
| <p>Are you currently employed —choose one</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>   |   |  | X   |
| <p>When did you begin this job?<br/>Month       Year</p>  |   |  | X   |
| <p>Is this job full-time —choose one</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |   |  | X   |
| <p>Which of the following categories best describes your employer for 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> |   |  | X   |
| <p>Regarding your 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 you work.</p> <ul style="list-style-type: none"> <li>• Agriculture, forestry or fishing</li> <li>• Biotechnology</li> <li>• Construction or mining</li> <li>• Education</li> <li>• Finance, insurance, or real estate services</li> </ul>   |   |  | X   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>   | <p style="text-align: center;"><b>Staff and Project Participant Characteristics</b></p> | <p style="text-align: center;"><b>Project Implementation Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <ul style="list-style-type: none"> <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)</p>   |   |  | X   |
| <p>Position/Job Title (Specific category)</p>  |   |  | X   |
| <p>Is job STEM related —choose one</p> <ul style="list-style-type: none"> <li>• Closely related</li> <li>• Somewhat related</li> <li>• Not related</li> </ul>  |   |  | X   |
| <p>Is your employer an educational institution —choose one</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>   |   |  | X   |
| <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> |   |  | X   |
| <p>What is your faculty rank—choose one</p> <ul style="list-style-type: none"> <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> <li>• Not applicable at the institution</li> <li>• Not applicable for my position</li> </ul>  |   |  | X   |
| <p>What is your tenure status—choose one</p> <ul style="list-style-type: none"> <li>• Tenured</li> <li>• On tenure track but not tenured</li> <li>• Not on tenure track</li> <li>• Not applicable: no tenure system at this institution</li> <li>• Not applicable: no tenure system for my position</li> </ul>   |   |  | X   |
| <p>How were the responses to the questions on this survey obtained —please choose one</p> <ul style="list-style-type: none"> <li>• Institutional Records</li> <li>• Telephone Interviews</li> <li>• Exit Interviews</li> <li>• Web surveys</li> </ul>  |   | X  |   |

| <p style="text-align: center;"><b>Common Collection Categories</b></p> <p><b>Questions</b></p>                       | <p style="text-align: center;"><b>Staff and Project<br/>Participant<br/>Characteristics</b></p> | <p style="text-align: center;"><b>Project<br/>Implementation<br/>Characteristics</b></p> | <p style="text-align: center;"><b>Project Outputs</b></p> |
|--|---|--|---|
| <ul style="list-style-type: none"> <li>• Email</li> <li>• Paper surveys</li> <li>• Other (please specify)</li> </ul> |   |  |   |

## LSAMP-BD: Number of Respondents, Frequency of Response, and Annual Hour Burden

The estimated average number of annual respondents is 50, with an estimated annual response burden of 3,600 hours. The Web-based data collection is an annual activity of the LSAMP-BD initiative. There are approximately 50 participating institutions. New institutions participating in the LSAMP-BD initiative will be added to the program over the next three years. New institutions are selected to participate in the initiative at approximately the same rate as institutions leave the initiative as their funding expires. The respondents are BD data coordinators. The estimated annual hour burden per respondent was determined by taking the average number of data respondents for each participating BD institution from the previous collection cycles and the actual reported response burden for the BD and peer student data, based on a question in the Web-based data collection system asking how long it takes data respondents to complete the instrument.

The burden estimate is outlined below:

| <b>Respondent Type</b> | <b>Estimated Average Annual No. of Respondents</b> | <b>Estimated Average Annual Burden Hours Per Respondent</b> | <b>Estimated Annual Burden Hour Total</b> |
|------------------------|--|---|---|
| BD data coordinators   | 50   | 72  | 3,600                                     |
| <b>Total</b>           | <b>50</b>  |   | <b>3,600</b>                              |

### LSAMP-BD: Hour Burden Estimates by Each Form and Aggregate Hour Burdens

There is only one form. This form accounts for the entire annual response burden of 3,600 hours. The annual burden by form was calculated as follows:

| <b>Form Type</b>        | <b>Respondent Type</b> | <b>No. of Respondents</b> | <b>Burden Hours Per Respondent</b> | <b>Total Burden Hours</b> |
|-------------------------|------------------------|---------------------------|------------------------------------|---------------------------|
| BD data collection form | BD data coordinators   | 50                        | 72                                 | 3,600                     |
| <b>Total</b>            |                        | <b>50</b>                 |                                    | <b>3,600</b>              |

## LSAMP-BD: Estimates of Annualized Cost to Respondents for the Hour Burdens

The overall annualized cost to the respondents is estimated to be \$147,600. The following table shows the annualized estimate of cost to data coordinator respondents, who are generally university professors. This estimated hourly rate is based on a report from the American Association of University Professors, “Annual Report on the Economic Status of the Profession, 2011-12,” *Academe*, March–April 2012, Survey Report Table 4. According to this [report](#), the average salary of an associate professor across all types of doctoral-granting institutions (public, private-independent, religiously affiliated) was \$86,319. When divided by the number of standard annual work hours (2,080), this calculates to approximately \$41 per hour.

| <b>Respondent Type</b> | <b>No. of Respondents</b> | <b>Burden Hours Per Respondent</b> | <b>Average Hourly Rate</b> | <b>Estimated Annual Cost</b> |
|------------------------|---------------------------|------------------------------------|----------------------------|------------------------------|
| BD data coordinators   | 50                        | 72                                 | \$41                       | \$147,600                    |
| <b>Total</b>           | <b>50</b>                 |                                    |                            | <b>\$147,600</b>             |



## LSAMP-BD: Estimates of Costs to the Federal Government

Computing the annualized cost to NSF for the LSAMP BD data collection was done by taking the budgets for three years and calculating the costs for each of the following operational activities involved in producing, maintaining, and conducting the LSAMP BD data collection:

| <b>Operational Activities</b>   | <b>Cost Over Three Years</b> |
|---|------------------------------|
| System Development (includes initial development of the database and Web-based application, and later changes requested by the program, e.g., increased reporting tools, additional validations)  | \$202,737                    |
| System Maintenance, Updates, and Technical Support (system requires updates each year before opening the collection; maintenance is required to keep the system current with technology, e.g., database servers, operating systems)                             | \$98,476                     |
| Data Collection Opening and Support (e.g., online and telephone support to respondents and contacting respondents to encourage completion of the questions), Reporting (as defined by HRD), and Followup Activities (e.g., providing data to other consultants) | \$127,475                    |
| <b>Three-Year Total for All Operational Activities</b>  | <b>\$428,688</b>             |

The annualized cost was computed as one-third of the total three-year costs; thus, the annualized cost to NSF for the LSAMP BD data collection is \$142,896.

## LSAMP-BD: Questions

| <b>BASELINE DATA</b>  |
|---|
| Student Name (First, MI, Last)  |
| Previous Name (BD students only)  |
| LSAMP Institution the student was enrolled in (BD students only)  |
| Bachelor's Degree-awarding Institution (peer comparison students only)  |
| LSAMP Alliance (to which the above LSAMP institution belongs) (BD students only)  |
| Social Security Number (not required)   |
| Student ID at the Institution (requested/optional)  |
| Gender <ul style="list-style-type: none"> <li>• Male</li> <li>• Female</li> <li>• Not reported</li> </ul>   |
| Ethnicity <ul style="list-style-type: none"> <li>• Not Hispanic or Latino</li> <li>• Hispanic or Latino</li> <li>• Not reported</li> </ul>  |
| Race (choose one or more) <ul style="list-style-type: none"> <li>• American Indian or Alaska Native</li> <li>• Asian</li> <li>• Black or African American</li> <li>• Native Hawaiian or Other Pacific Islander</li> <li>• White</li> <li>• Not reported</li> </ul>  |
| Disability<br>Yes (check yes if any of the following apply): <ul style="list-style-type: none"> <li>• Deaf or serious difficulty hearing</li> <li>• Blind or serious difficulty seeing even when wearing glasses</li> <li>• Serious difficulty walking or climbing stairs</li> <li>• Other serious disability related to a physical, mental, or emotional condition</li> </ul> No<br>Do not wish to provide |
| Citizenship—choose one: <ul style="list-style-type: none"> <li>• U.S. Citizen/U.S. National</li> <li>• U.S. Permanent Resident/Green Card holder</li> <li>• Other (please specify)</li> </ul>   |
| Date of bachelor's degree<br>Month<br>Year  |
| Undergraduate Major (choose one or more) <ul style="list-style-type: none"> <li>• Agricultural Science</li> <li>• Chemistry</li> <li>• Computer Science</li> <li>• Engineering</li> <li>• Environmental Science</li> <li>• Geosciences</li> <li>• Life/Biological Sciences</li> <li>• Mathematics</li> <li>• Physics/Astronomy</li> <li>• Other (please specify)</li> </ul>                                 |
| Undergraduate GPA   |
| Undergraduate GPA Scale<br>4 point scale<br>5 point scale   |

|   |
|---|
| LSAMP Level I or II Status: (BD students only)  |
| GRE Scores<br>Verbal Reasoning<br>Quantitative Reasoning<br>Analytical Writing  |
| Research experience during the undergraduate program-choose one<br>• Yes<br>• No  |
| GRE Scores<br>Verbal Reasoning<br>Quantitative Reasoning<br>Analytical Writing  |
| Please mark the checkbox if this student did not take the GRE   |
| Date entered the STEM Graduate Program<br>Month      Year   |
| Date began receiving BD funding (BD students only)<br>Month      Year   |
| Date entered current graduate program (peer comparison students only)<br>Month      Year  |
| Did this student complete any graduate work before receiving LSAMP BD funding (BD students only)<br>• Yes<br>• No   |
| Did this student complete any graduate work before entering the current program (peer comparison students only)<br>• Yes<br>• No  |
| Broad Field Area  |
| Field   |
| Degree —Choose Degree<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 (J.D., L.L.B., Th.D., M.D, DDS. etc.)<br>• Other (please specify) |
| Date degree awarded<br>Month      Year  |
| If no prior graduate degrees please provide the number of graduate credits completed prior to receiving LSAMP BD funding (BD students only)   |
| If no prior graduate degrees please provide the number of graduate credits completed prior to entering the current graduate program (peer comparison students only)   |
| Teaching assistantship awarded prior to receiving LSAMP BD funding (BD students only)<br>• Yes<br>• No  |
| Teaching assistantship awarded prior to entering the current graduate program (peer comparison students only)<br>• Yes<br>• No  |
| Research assistantship awarded prior to receiving LSAMP BD funding (BD students only)<br>• Yes  |

|   |
|---|
| <ul style="list-style-type: none"> <li>• No</li> </ul>  |
| <p>Research assistantship awarded prior to entering the current graduate program (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <p><b>ANNUAL DATA</b></p>   |
| <p>As an undergraduate, did this student participate in LSAMP activities (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <p>LSAMP Level I or II Status (peer comparison students only)</p>   |
| <p>Graduate Program</p>   |
| <p>Intended Broad Major Area</p>  |
| <p>Intended Major</p>   |
| <p>Intended Degree (choose one or more)</p> <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 (J.D., L.L.B., Th.D., M.D, D.D.S., etc.)</li> <li>• Other (please specify)</li> </ul>   |
| <p>From which of these sources did this student receive financial support during the current reporting period (BD students only)</p> <p>NSF LSAMP BD Fellowship</p> <p>Yes/No</p> <p>Amount</p> <p>NSF other grant/fellow</p> <p>Yes/No</p> <p>Program Name</p> <p>Amount</p> <p>Institution attending</p> <p>Yes/No</p> <p>Type of support</p> <p>Government (federal/state/local)</p> <p>Yes/No</p> <p>Type of support</p> <p>Private funding</p> <p>Yes/No</p> <p>Type of support</p> <p>Other sources (please specify)</p> <p>Yes/No</p> <p>Amount</p> <p>No financial support received</p> |
| <p>From which of these sources did this student receive financial support during the current reporting period (peer comparison students only)</p> <p>NSF grant/fellow</p> <p>Yes/No</p> <p>Program Name</p> <p>Other sources (please specify)</p> <p>Yes/No</p> <p>No financial support received</p>  |

|  |
|--|
| <p>From which of these sources did this student receive financial support to pursue graduate studies (i.e., participate in the graduate program listed in the baseline data form) at your institution at any time BEFORE this reporting period (peer comparison students only)</p> <p>NSF grant/fellow<br/>Yes/No<br/>Program Name</p> <p>Other sources (please specify)<br/>Yes/No</p> <p>No financial support received</p> |
| <p>LSAMP-BD Disbursement Method —choose one (BD students only)</p> <p>Monthly<br/>Quarterly<br/>By Semester<br/>Yearly</p>   |
| <p>Is the LSAMP-BD stipend or payment based on academic performance —choose one (BD students only)</p> <p>Yes<br/>No</p>   |
| <p>Did the LSAMP BD funding end for this student during the current Reporting period—choose one: (BD students only)</p> <p>Yes<br/>No</p> <p>If yes, please provide the date funding ended:<br/>Month Year</p>   |
| <p>Number of graduate courses credits completed during the current reporting period</p>  |
| <p>Teaching assistantship awarded during the current reporting period</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Not Applicable</li> </ul>  |
| <p>Research Assistantship awarded during the current reporting period</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Not Applicable</li> </ul>  |
| <p>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):</p> <ul style="list-style-type: none"> <li>• Year:</li> <li>• Not entered to Ph.D. track</li> </ul>   |
| <p>Thesis Proposal - Date Approved:<br/>Month Year<br/>Not applicable; thesis proposal is not required</p>   |
| <p>Master's Degree - Date Awarded:<br/>Month Year</p>  |
| <p>Ph.D. Qualifying Examinations - Date passed:<br/>Month Year</p>   |
| <p>Ph.D. Candidacy - Date attained:<br/>Month Year</p>   |
| <p>Dissertation Defense - Date passed:<br/>Month Year</p>  |
| <p>Doctoral Dissertation - Date Approved:<br/>Month Year</p>   |

|  |
|--|
| <p>Doctoral Degree - Date Awarded:<br/> Month      Year</p>  |
| <p>Doctoral Dissertation Abstract</p>  |
| <p>Did the student receive post-LSAMP BD funding to continue graduate studies during the current reporting period (BD students only)—choose one:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul> <p>If yes, please provide funding source —choose one:</p> <ul style="list-style-type: none"> <li>• Institution attending</li> <li>• Government fellowship: federal/state/local</li> <li>• Private fellowship</li> </ul> |
| <p>Did the student leave without completing the program during the current reporting period:</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>   |
| <p>If yes, please provide the date the student left the program:<br/> Month      Year</p>  |
| <p>If he or she left, was it to continue Ph.D. elsewhere?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> <li>• Don't know</li> </ul>  |
| <p>If he or she left to continue Ph.D. elsewhere, please provide the transfer date:<br/> Month      Year</p>   |
| <p>Transfer institution name:</p>  |
| <p>Graduate program at transfer institution:</p>   |
| <p>Intended broad major area at transfer institution:</p>  |
| <p>Intended major at transfer institution:</p>   |
| <p>Intended degree at transfer institution:</p> <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 (J.D., L.L.B., Th.D., M.D, DDS. etc.)</li> <li>• Other (please specify)</li> </ul>                             |
| <p>Current status at transfer institution:</p> <ul style="list-style-type: none"> <li>• Not yet graduated, but pursuing a doctorate</li> <li>• Graduated with a doctorate<br/> Date graduated from transfer institution:<br/> Month      Year</li> <li>• Dropped out<br/> Date dropped out from transfer institution:<br/> Month      Year</li> <li>• Other (please specify)</li> </ul>  |
| <p>If the student transferred, how were the responses to the transfer questions obtained?(choose one)</p> <ul style="list-style-type: none"> <li>• Institutional Records</li> <li>• Telephone Interviews</li> <li>• Exit Interviews</li> <li>• Web surveys</li> </ul>  |

|  |
|--|
| <ul style="list-style-type: none"> <li>• Email</li> <li>• Paper surveys</li> <li>• Other (please specify)</li> </ul>   |
| <p>Please provide the permanent contact information for this student.</p> <p>Student's email address</p> <p>Student's personal email address</p> <p>Address</p> <p>City</p> <p>State</p> <p>Zip Code</p> <p>Country</p> <p>Phone</p> <p>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</p> <p>Name</p> <p>Relationship to this student</p> <p>Email address</p> <p>Address</p> <p>City</p> <p>State</p> <p>Zip Code</p> <p>Country</p> <p>Phone</p> <p>Ext.</p>   |
| <p><b>FOLLOWUP DATA</b></p>  |
| <p>You indicated that you left the BD program. Did you return to complete your graduate studies? (BD students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <p>You indicated that you left the institution. Did you return to complete your graduate studies? (peer comparison students only)</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <p>When did you return to continue your graduate studies?</p> <p>Month      Year</p>   |
| <p>If you returned to continue your graduate studies, in which program did you enroll? (choose one or more)</p> <ul style="list-style-type: none"> <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 (J.D., L.L.B., Th.D., M.D, D.D.S., etc.)</li> <li>• Other (please specify)</li> </ul> |
| <p>Graduate program</p>  |
| <p>Intended broad major area</p>   |
| <p>Intended major</p>  |
| <p>Did you return to [student's original institution name]?</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <p>If No, please provide the name of the institution in which you enrolled:</p>  |
| <p>Please mark the checkbox if no followup data are available for this individual</p>  |
| <p>Did you receive financial support for your M.S./Ph.D. from the following sources? (BD</p>   |

students only)

NSF LSAMP BD Fellowship

Yes/No

Amount

NSF other grant/fellow

Yes/No

Program Name

Amount

Institution attending

Yes/No

Type of support

Government (federal/state/local)

Yes/No

Type of support

Private funding

Yes/No

Type of support

Other sources (please specify)

Yes/No

Amount

No financial support received

Have you received a post doctorate appointment —choose one

Yes

No

If yes, please complete the following items

Date:   Month                   Year

Institution

Department

Field

Are you currently employed —choose one

• Yes

• No

When did you begin this job?

Month           Year

Is this job full-time —choose one

• Yes

• No

Which of the following categories best describes your employer for 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)

Regarding your 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 you work.



|   |
|---|
| <ul style="list-style-type: none"> <li>• Agriculture, forestry or fishing</li> <li>• Biotechnology</li> <li>• Construction or mining</li> <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> |
| Position/Job Title (Broad category)   |
| Position/Job Title (Specific category)  |
| <p>Is job STEM related —choose one</p> <ul style="list-style-type: none"> <li>• Closely related</li> <li>• Somewhat related</li> <li>• Not related</li> </ul>   |
| <p>Is your employer an educational institution —choose one</p> <ul style="list-style-type: none"> <li>• Yes</li> <li>• No</li> </ul>  |
| <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>What is your faculty rank—choose one</p> <ul style="list-style-type: none"> <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> <li>• Not applicable at the institution</li> <li>• Not applicable for my position</li> </ul>   |
| <p>What is your tenure status—choose one</p> <ul style="list-style-type: none"> <li>• Tenured</li> <li>• On tenure track but not tenured</li> <li>• Not on tenure track</li> <li>• Not applicable: no tenure system at this institution</li> <li>• Not applicable: no tenure system for my position</li> </ul>  |
| <p>How were the responses to the questions on this survey obtained —please choose one</p> <ul style="list-style-type: none"> <li>• Institutional Records</li> <li>• Telephone Interviews</li> <li>• Exit Interviews</li> <li>• Web surveys</li> <li>• Email</li> <li>• Paper surveys</li> <li>• Other (please specify)</li> </ul>   |