

**APPENDIX A2**

**Crosswalk of GK-12 Data Elements for the Fellow Survey**





<b>Question</b>	<b>Staff and Project Participant Characteristics</b>	<b>Project Implementation Characteristics</b>	<b>Project Outputs</b>
<p>Previous graduate degree institution by state</p> <p>Previous graduate degree type  MA  MS  Other (please specify)</p> <p>Previous graduate degree major</p> <p>Previous graduate degree date of completion</p> <p><b>Current Graduate Work</b></p> <p>Current Graduate Institution By State</p> <p>Date when you started your graduate program:</p> <p>Fellow's academic level during fellowship year  Master's 1st year  Master's 2nd year  Master's 3rd year  Doctorate 1st year  Doctorate 2nd year  Doctorate 3rd year  Doctorate 4th year  Doctorate 5th year  Other (specify)</p> <p>Discipline – please select one  Astronomy  Biological Science  Behavioral Science  Computer Science  Chemistry  Economic Science  Engineering  Environmental Science  Geosciences  Mathematical Science  Physics  Social Science  Other (please specify)</p> <p>Sub-Discipline</p> <p><b>Research Advisor Information</b></p> <p>Research Advisor Full Name</p> <p>Research Advisor's Academic Discipline</p>	<p style="text-align: center;">X</p> <p style="text-align: center;">X</p>		

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<p>Astronomy  Biological Science  Behavioral Science  Computer Science  Chemistry  Economic Science  Engineering  Environmental Science  Geosciences  Mathematical Science  Physics  Social Science  Other (please specify)</p> <p>Research Advisor’s Contact Information:  Phone  E-mail address</p> <p><b>Achievements During The Gk-12 Project Participation</b></p> <p><b>Honors and Recognition</b>  Name  Year  Society/Granting Organization</p> <p><b>Fellowship, Scholarship, and Grant Other Than GK-12</b>  Title of the Proposal  Year Awarded  Awarding Agency</p> <p><b>Other Scholarly Achievements</b>  <i>[Text box will be provided to collect detailed information]</i>  On average, how many hours per week do you spend on GK-12 activities?  On average, how many hours per week do you spend on the following GK-12 activities?</p> <ul style="list-style-type: none"> <li>• Working Directly with K12 Students in Partner Schools</li> <li>• Working/Collaborating with Partner Cooperating teachers</li> <li>• Working/Collaborating with Other GK-12 Fellows</li> <li>• Planning or Preparing Lessons</li> <li>• Participating in Training Activities or Seminars Associated with GK-12 Project</li> <li>• Meeting or Speaking With GK-12 PIs, Co-PIs, or Other Project Leaders</li> <li>• Other (please specify)</li> </ul> <p>On average, how many hours do you spend on your own research?  Has participation in GK-12 activities affected your graduate research productivity?</p>		<p>X</p> <p>X</p> <p>X</p> <p>X</p>	<p>X</p> <p>X</p>

Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
<p>(Check all that apply)</p> <p>Because of GK-12 I...</p> <ul style="list-style-type: none"> <li>• ...am better organized</li> <li>• ...find my work time is too fragmented</li> <li>• ...am better able to write about my research results</li> <li>• ...am more able to focus on my research</li> <li>• ...have less time to focus on my research</li> <li>• ...am better prepared to present research findings at scientific meetings</li> <li>• ...other (please specify)</li> </ul> <p>What percentage of seminars and workshops, provided by your GK-12 project, prepared you for your work as a fellow?</p> <p>In what ways have you incorporated your research and/or area of scientific expertise into K12 classroom activities?</p> <p><b>Fellow's Fellowship Results</b></p> <p>List up to three (3) accomplishments from your participation in GK-12.</p> <p>Check the areas in which your knowledge/skills have improved as a result of your GK-12 participation</p> <ul style="list-style-type: none"> <li>• Professional and Academic Writing Skills</li> <li>• Pedagogy/Teaching Skills</li> <li>• Professional Speaking or Presentation Skills</li> <li>• Team Building/Collaboration Skills</li> <li>• Communicating Science or Math Concepts to Diverse Audiences</li> <li>• Communicating My Research and/or Area of Expertise</li> <li>• Other (please specify)</li> </ul> <p>Have K12 students you worked with improved in the following areas as a result of GK-12 participation? [Check areas of improvement]</p> <ul style="list-style-type: none"> <li>• Content Knowledge of Science or Math</li> <li>• Enthusiasm about Science or Math</li> <li>• Understanding of How To Think Like a Scientist</li> <li>• Interest in Pursuing Science or Math in the Future</li> <li>• Interest in Pursuing Higher Education</li> <li>• Other (please specify)</li> </ul> <p>Has your GK-12 participation affected your professional pursuits and career goals as a scientist? (Check all that apply)</p> <p>Because of GK-12 I...</p> <ul style="list-style-type: none"> <li>• ...have been better able to figure out what I want to pursue as a career</li> <li>• ...am better prepared for a career in academia</li> <li>• ...am better prepared to pursue a career that involves research and teaching</li> <li>• ...am not adequately prepared to do research</li> <li>• ...am not adequately prepared for the additional skills</li> </ul>			<p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>

