

APPENDIX A2

Crosswalk of GK-12 Data Elements for the Fellow Survey

Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
<p>Fellow's Permanent Contact Information Fellow's Contact Name Fellow's Permanent Address Fellow's Permanent City Fellow's Permanent State Fellow's Permanent ZIP Fellow's Phone Fellow's Personal E-mail Address</p> <p>Fellow's Demographic Information</p> <p>Ethnicity—please select one Hispanic or Latino Not Hispanic or Latino Not Reported</p> <p>Race—please select all that apply American Indian or Alaska Native Asian Black or African American Native Hawaiian or Other Pacific Islander White Not Reported</p> <p>Gender—please select one Male Female Not Reported</p> <p>Citizenship</p> <p>Disability Status—please select all that apply Hearing Impairment Visual Impairment Mobility or Orthopedic Impairment None Other (please specify) Not Reported</p> <p>Undergraduate degree institution by state</p> <p>Undergraduate degree type BS BA Other (please specify)</p> <p>Undergraduate degree major</p> <p>Undergraduate degree date of completion</p> <p>Previous Graduate Degree(s) Completed</p>	<p style="text-align: center;">X</p> <p style="text-align: center;">X</p> <p style="text-align: center;">X</p>		

Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
<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>Current Graduate Work</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>Research Advisor Information</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>		

Question	Staff and Project Participant Characteristics	Project Implementation Characteristics	Project Outputs
<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>Achievements During The Gk-12 Project Participation</p> <p>Honors and Recognition Name Year Society/Granting Organization</p> <p>Fellowship, Scholarship, and Grant Other Than GK-12 Title of the Proposal Year Awarded Awarding Agency</p> <p>Other Scholarly Achievements <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"> • Working Directly with K12 Students in Partner Schools • Working/Collaborating with Partner Cooperating teachers • Working/Collaborating with Other GK-12 Fellows • Planning or Preparing Lessons • Participating in Training Activities or Seminars Associated with GK-12 Project • Meeting or Speaking With GK-12 PIs, Co-PIs, or Other Project Leaders • Other (please specify) <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"> • ...am better organized • ...find my work time is too fragmented • ...am better able to write about my research results • ...am more able to focus on my research • ...have less time to focus on my research • ...am better prepared to present research findings at scientific meetings • ...other (please specify) <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>Fellow's Fellowship Results</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"> • Professional and Academic Writing Skills • Pedagogy/Teaching Skills • Professional Speaking or Presentation Skills • Team Building/Collaboration Skills • Communicating Science or Math Concepts to Diverse Audiences • Communicating My Research and/or Area of Expertise • Other (please specify) <p>Have K12 students you worked with improved in the following areas as a result of GK-12 participation? <i>[Check areas of improvement]</i></p> <ul style="list-style-type: none"> • Content Knowledge of Science or Math • Enthusiasm about Science or Math • Understanding of How To Think Like a Scientist • Interest in Pursuing Science or Math in the Future • Interest in Pursuing Higher Education • Other (please specify) <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"> • ...have been better able to figure out what I want to pursue as a career • ...am better prepared for a career in academia • ...am better prepared to pursue a career that involves research and teaching • ...am not adequately prepared to do research • ...am not adequately prepared for the additional skills 			<p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p> <p>X</p>

