

LASiGMA Formative Assessment Questionnaire

The purpose of this survey is to obtain statistics **at the start of the project** (October 2010) so as to have a baseline from which to track our growth. We anticipate that many of the responses will could be 0 or low numbers.

Name: Click here to enter text.	University: Choose an item.
Primary Science Driver: Choose an item.	Computational Team: Choose an item.
Additional memberships in SD or CT/CI teams:	Click here to enter text.

A. Graduate Students:

As of October 31, 2010 (first month of the project)...

1. Please complete the following table as it applies to graduate students working with you at your institution **as of October 31, 2010**.

	Total No. of students	Fully or partially funded by LA-SiGMA
Total including foreign nationals	Click here to enter text.	Click here to enter text.
US citizens and permanent residents	Click here to enter text.	Click here to enter text.
Minorities ¹	Click here to enter text.	Click here to enter text.
Women	Click here to enter text.	Click here to enter text.
Women who are also minorities	Click here to enter text.	Click here to enter text.
Students with disabilities	Click here to enter text.	Click here to enter text.

2. Please complete the following table as it applies to shared graduate students at another institution **as of October 31, 2010**.

	Total No. of students	Fully or partially funded by LA-SiGMA
Total including foreign nationals	Click here to enter text.	Click here to enter text.
US citizens and permanent residents	Click here to enter text.	Click here to enter text.
Minorities	Click here to enter text.	Click here to enter text.
Women	Click here to enter text.	Click here to enter text.
Women who are also minorities	Click here to enter text.	Click here to enter text.
Students with disabilities	Click here to enter text.	Click here to enter text.

3. Please complete the following table as it applies to shared graduate students at another institution **as of October 31, 2010**.

Institution	No. of students
Louisiana State University	Click here to enter text.
Louisiana Tech University	Click here to enter text.
Southern University	Click here to enter text.
Tulane University	Click here to enter text.
University of New Orleans	Click here to enter text.

¹ NSF defines "minorities" as US citizens who are Black or African-American; Hispanic or Latino; Native American or Alaskan Native; Native Hawaiian or other Pacific Islander.

B. Undergraduate Students:

As of October 31, 2010 (first month of the project)...

4. Please complete the following table as it applies to undergraduate students working with you at your institution as of October 31, 2010.

	Total No. of students	Fully or partially funded by LA-SiGMA
Total including foreign nationals	Click here to enter text.	Click here to enter text.
US citizens and permanent residents	Click here to enter text.	Click here to enter text.
Minorities ²	Click here to enter text.	Click here to enter text.
Women	Click here to enter text.	Click here to enter text.
Women who are also minorities	Click here to enter text.	Click here to enter text.
Students with disabilities	Click here to enter text.	Click here to enter text.

5. Please complete the following table as it applies to shared undergraduate students at another institution as of October 31, 2010.

	Total No. of students	Fully or partially funded by LA-SiGMA
Total including foreign nationals	Click here to enter text.	Click here to enter text.
US citizens and permanent residents	Click here to enter text.	Click here to enter text.
Minorities	Click here to enter text.	Click here to enter text.
Women	Click here to enter text.	Click here to enter text.
Women who are also minorities	Click here to enter text.	Click here to enter text.
Students with disabilities	Click here to enter text.	Click here to enter text.

6. Please complete the following table as it applies to shared undergraduate students at another institution as of October 31, 2010.

Institution	No. of students
Grambling State University	Click here to enter text.
Louisiana State University	Click here to enter text.
Louisiana Tech University	Click here to enter text.
Southern University	Click here to enter text.
Tulane University	Click here to enter text.
University of New Orleans	Click here to enter text.
Xavier University	Click here to enter text.

C. Post-doctoral Fellows:

As of October 31, 2010 (first month of the project)...

7. Does your science driver team have funds to hire one or more post-doctoral fellow in Year 1³?
☐ Yes ☐ No

8. Will this post-doctoral fellow be located at your campus? ☐ Yes ☐ No

² NSF defines "minorities" as US citizens who are Black or African-American; Hispanic or Latino; Native American or Alaskan Native; Native Hawaiian or other Pacific Islander.

³ The Year 1 survey (to be distributed during the Summer) will ask about the success in hiring postdocs. So please answer this based on the information and expectations you had as of October 2010.

D. Research Activity and Research Collaborations (funded and unfunded):

9. How many peer-reviewed papers did you publish in the period **October 1, 2009 to October 31, 2010**? [Click here to enter text.](#)

10. Please complete the following table for the peer-reviewed papers reported in Q. 9:

Single author papers	# with co-authors from my own institution	# with co-authors from another LA Institution	# with co-authors from an out-of-state Institution
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

11. How many conference presentations did you make in the period **October 1, 2009 to October 31, 2010**? [Click here to enter text.](#)

12. Of the presentations reported in Q. 11, how many were invited oral presentations at a major national or international conference? [Click here to enter text.](#)

13. Please complete the following table for the invited presentations reported in Q. 12:

Single author	# with co-authors from my own institution	# with co-authors from another LA Institution	# with co-authors from an out-of-state Institution
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

14. Please complete the following table for the proposals you submit (as PI or Co-PI) in the period **October 1, 2009 to October 31, 2010**:

Single PI	# with co-PI's from my own institution	# with co-PI's from another LA Institution	# with co-PI's from an out-of-state Institution
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

15. Of the proposals reported in Q. 14, how many were successful? [Click here to enter text.](#)

16. Of the proposals reported in Q. 14, how many are still pending? [Click here to enter text.](#)

17. Please complete the following table for the successful proposals reported in Q. 15:

Single PI	# with co-PI's from my own institution	# with co-PI's from another LA Institution	# with co-PI's from an out-of-state Institution
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

18. Please complete the following table for active unfunded research collaborations⁴ during the period **October 1, 2009 to October 31, 2010** :

Single PI	# with co-PI's from my own institution	# with co-PI's from another LA Institution	# with co-PI's from an out-of-state Institution
Click here to enter text.	Click here to enter text.	Click here to enter text.	Click here to enter text.

E. Research infrastructure:

19. In the list below, please check all the computing tools and activities that applied to you and/or your research group during the period **October 1, 2009 to October 31, 2010**:

- ☐ Used multi-core machines
- ☐ Used massively parallel machines (jobs requiring > 8 cores)
- ☐ Used GPU machines
- ☐ Developed codes involving MPI programming
- ☐ Developed codes involving OpenMP programming
- ☐ Developed codes involving both MPI and OpenMP programming
- ☐ Other. Please explain: [Click here to enter text.](#)

20. In the list below, please check all that applied to you and/or your research group during the period **October 1, 2009 to October 31, 2010**:

- ☐ Used computing platforms owned and operated by my research group
- ☐ Used computing platforms owned and operated by my campus computing center
- ☐ Used LONI computing platforms located on my campus
- ☐ Used LONI computing platforms located on other campuses
- ☐ Used Supercomputers located in other states
- ☐ Used TeraGrid resources
- ☐ Other. Please explain: [Click here to enter text.](#)

21. In the list below, please check all the technologies that you and/or your research group used during the period **October 1, 2009 to October 31, 2010** for remote interactions with collaborators:

- ☐ Conference calls (voice only) to interact with collaborators
- ☐ Desktop video-conferencing tools (Skype, Evo, AdobeConnect, etc.)
- ☐ Access-Grid or HD Polycomm
- ☐ Collaboration tools like Google docs, SVN, TeamViewer, etc.
- ☐ Other. Please explain: [Click here to enter text.](#)

F. External Engagement, Economic Development, and Workforce Development:

22. In the list below, please check all that applied to you and/or your research group during the period **October 1, 2009 to October 31, 2010**:

- ☐ Filed a report of invention with my campus intellectual property office
- ☐ Initiated a patent application based on research findings

⁴ We will define "unfunded" research projects as research which currently has no funding but which could lead to proposals in the near future. We are trying to establish a baseline for all types of collaborations that existed prior to LA-SiGMA.

- ☐ My IP resulted in a licensing agreement with an industrial partner
- ☐ Participated in summer research/training programs on my campus (REU, RET, workshops, etc.)
- ☐ Gave a public lecture about science/engineering
- ☐ Visited a school (K-12) to talk about my research or science/engineering in general
- ☐ Advised a science museum on their exhibits or events
- ☐ Appeared on local or statewide media(radio, television) to talk about my research or science/engineering in general
- ☐ Submitted a research highlight to my funding agency
- ☐ Other. Please explain: [Click here to enter text.](#)

G. Recruiting Efforts:

23. In the list below, please check all that applied to you and/or your research group during the period

October 1, 2009 to October 31, 2010:

- ☐ Taught at least one graduate course that was delivered to another campus through synchronous delivery methods
- ☐ Taught at least one on-line course that was taken by students at another campus through asynchronous delivery methods
- ☐ Visited other campuses with the explicit intention of recruiting students to graduate programs on my campus
- ☐ Recruited graduate students through the summer research/training programs on my campus (REU, RET, workshops, etc.)
- ☐ Volunteered at my department's/campus' information booth at a graduate recruiting fair at a conference or other event
- ☐ Participated in recruiting activities specifically targeted towards women
- ☐ Participated in recruiting activities specifically targeted towards minorities
- ☐ Other. Please explain: [Click here to enter text.](#)

24. Of the graduate students working in your research group during the period October 1, 2009 to October 31, 2010 (including the LA-SiGMA students counted in Q. 1), how many were recruited to your campus by you through your personal recruiting efforts? [Click here to enter text.](#)