

Scientist in the Classroom Partnership - Ufnar and Shepherd

Appendix 1. 2011 SCP Alumni Survey

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Scientist in the Classroom Partnership Teacher and Fellow Survey



To All GK12/SCP Fellows and Teachers:

THANK YOU for participating in and contributing to this important study. Your opinions and reflections will be very important in informing both our understanding of the key features that have contributed to the success of this program, and in assisting us in making the program even better as we look forward to many more years.

Specifically, the following survey will help us answer research questions about the effectiveness and impact of the GK12/Scientist in the Classroom Partnership (SCP) program that started in 2000 and continues to sponsor scientist/teacher partnerships in the Metro Nashville Public Schools. The survey should take you 15-30 minutes to complete. Any information linking your identity to your responses will be kept in confidence.

Thank you most of all for your participation in the GK12 or SCP program. I look forward to hearing from you, and thanks again for your participation.

Virginia Shepherd, Ph.D.
Professor of Pathology
Director, Center for Science Outreach
Vanderbilt University

The following questions about your background will be used to route you to the appropriate sections of the survey.

When did you participate in the GK12/SCP Program? Please check all that apply.

- | | |
|--------------------------------------|------------------------------------|
| <input type="checkbox"/> Spring 2000 | <input type="checkbox"/> 2004-2005 |
| <input type="checkbox"/> 2000-2001 | <input type="checkbox"/> 2005-2006 |
| <input type="checkbox"/> 2001-2002 | <input type="checkbox"/> 2006-2007 |
| <input type="checkbox"/> 2002-2003 | <input type="checkbox"/> 2007-2008 |
| <input type="checkbox"/> 2003-2004 | <input type="checkbox"/> 2008-2009 |

What was your role in the GK12/SCP Program?

- ☐ Fellow
☐ Teacher

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Please rate how valuable the Summer Workshop and its activities were to you.

	Not at all valuable	Somewhat valuable	Neutral	Valuable	Very valuable	N/A
Orientation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explanation of roles and responsibilities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Getting to know my teaching partner	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning about inquiry-based teaching strategies	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Visit to assigned school/lab	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Planning lessons for the year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

How could the summer workshop have been improved?

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Please rate how important each of these GK12/SCP components were to you as a participant in this program.

	Not at all important	Somewhat important	Neutral	Important	Very important
Summer workshop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time spent together planning and revising lessons during the year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Duration and frequency of the program (every week for an entire academic year)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using hands-on science inquiry teaching strategies during class	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Classroom management by the teacher	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
VSVS kits	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other science materials that the Fellow brought for the lessons	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teacher/Fellow partnership in the classroom	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teacher/Fellow retreats during the year	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flexible scheduling to meet Teacher and Fellow needs	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flexibility in choice of science activities	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Relationships between Fellow and students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seminars for Fellows only	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Program coordinator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
In-class observations by the program coordinator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Feedback from the program coordinator	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In your opinion, what was the most successful or most valuable part of the program?

Why did you decide to participate in the program? Please rank the list below by dragging the different statements to change their order.

To obtain the stipend

To gain time outside of the lab

To gain teaching experience

To work with kids

To give back to the community

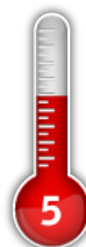
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Please rate the level of teamwork in your 2007-2008 partnership.

10 = we were co-leaders

0 = no teamwork at all



Who most often led the classroom instruction?

- ☐ Typically the teacher led, and the fellow helped
- ☐ Typically the fellow led, and the teacher helped
- ☐ Typically the teacher and fellow led the class together
- ☐ Both teacher and fellow served as leaders about half the time

What percent of the materials you used in your weekly lessons came from:

VSVS kits

Science materials in the teacher's classroom

Science materials I gathered myself for the lesson

Other

In your opinion, what was unique in the classroom during the GK12/SCP program? Please give an example of something that would not have happened in the classroom without your partner.

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Please indicate how much you agree or disagree with the following statements about your relationships in the classroom.

	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
I looked forward to coming to the classroom.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt that I was a valued part of the classroom.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I felt that I knew most of the students in the class well.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The teacher and I shared the same work ethic.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had a positive impact on student achievement levels.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I had a positive impact on students' attitudes towards science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I was a role model for the students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

I valued my partner teacher MOST as:

- ☐ Someone who cared about providing opportunities for his/her students
- ☐ Someone who could mentor me in teaching
- ☐ Someone who could control classroom behavior so that I could focus on science teaching
- ☐ Someone who was interested in collaborative teaching
- ☐ Someone who was interested in learning more science content to improve his/her teaching
- ☐ I did not value my partner's contribution

Please indicate how much you agree or disagree with the following statements about the future of the program.

	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
I would recommend this program to graduate students or post-doctoral fellows.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think this program should be continued.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More universities should have a teacher/fellow partnership program like this one as part of graduate and post-doctoral training.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

In your opinion, what is one thing that could be changed about the program?

How did participating in this program impact your teaching/career? Please indicate how much you agree or

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disagree with the following statements.

	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
Working with my partner teacher had a positive impact on my teaching skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have become an advocate for improved science education.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I formed a lasting relationship with my teaching partner.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I gained respect for my teaching partner's career/career path.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I have greater confidence in my science content knowledge.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My experience in this program was rewarding to me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
I gained communication skills.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I gained experience in collaboration.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned how to explain science to a non-scientific audience.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned better time management.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I developed a greater interest in becoming a teacher.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I learned more about the needs of the K-12 community.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Strongly Disagree	Disagree	Somewhat Disagree	Somewhat Agree	Agree	Strongly Agree
I learned that teaching is not for me.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Because of this program I will continue to be involved/I am involved in science outreach.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Being a Graduate Teaching Fellow made it more difficult to meet my responsibilities in the research laboratory.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Participating in GK12/SCP delayed the completion of my graduate degree compared to other graduate students.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My faculty advisor was supportive of my involvement in the GK12/SCP program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My department/department chair was supportive of my involvement in the GK12/SCP program.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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You indicated above that you at least partially agreed with the statement 'Participating in GK12/SCP delayed the completion of my graduate degree compared to other graduate students.' Please describe these activities in the box below.

You indicated above that you at least partially agreed with the statement 'Being a Graduate Teaching Fellow made it more difficult to meet my responsibilities in the research laboratory.' Please describe these activities in the box below.

You indicated above that you at least partially agreed with the statement 'I gained communication skills.' Please describe the greatest benefit you received from your participation in the box below.

Please include any additional comments about the program here.



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We thank you for your time spent taking this survey.
Your response has been recorded.