Attachment 2. 2017 Science Ambassador Fellowship Summer Course Satisfaction Survey

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2017 Science Ambassador Fellowship Summer Course Satisfaction Survey
Introduction
Form Approved OMB No. 0920-1050 Expiration Date: 02/28/2018 Thank you for participating in the 2017 CDC Science Ambassador summer course! The information you provide will be used to
guide the direction of future summer courses. Your participation is voluntary and your answers will not affect earning continuing education units.
You may take this survey anonymously. Information will be treated in a secure manner.
This survey will take approximately 20 minutes to complete. By continuing to the next page, you have consented to complete this survey.
Please contact scienceambassador@cdc.gov if you have any questions or problems concerning this survey.
The public reporting burden of this collection of information is estimated to average 20 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to - CDC/ATSDR Reports Clearance Officer; 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333 ATTN: PRA (0920-1050).

2017 Science Ambassador Fellowship Summer Course Satisfaction Survey
Type of Participant
To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.
1. Is this your first year participating in the CDC Science Ambassador Fellowship (previously the CDC Science Ambassador Workshop)?
○ Yes
No, I am a returning Science Ambassador.
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Pre-Summer Course (First Year Science Ambassadors)

menu). To advance, use the "Next" button at the bottom of the page.
Pre-summer Course Interaction
The following set of questions pertains to the pre-summer course period.
2. Please provide suggestions for improvement to the application process.
3. Please provide suggestions for improvement to the phone interview.
4. Please provide suggestions for improvement to the pre-summer course information packet.
5. Please provide suggestions for improvement to the overall pre-summer course interaction with Science Ambassador Fellowship organizers.

Past Experience

breaking news articles about the Zika virus or significant public health issues such as antimicrobial resistance or obesity) in your classroom?
More than twice a week
Once or twice a week
Once or twice a month
Once or twice a school year
○ Never
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Past Experience (First Year Science Ambassadors)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

* 7. Please indicate your level of agreement with the following statements about your use of epidemiology or public health science in your classroom <u>prior</u> to becoming a Science Ambassador Fellow.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsure
Using examples from epidemiology or public health science has increased my students' critical thinking skills.	0	0	0	0	0
 b) Using examples from epidemiology or public health science has improved my students' science literacy (e.g., antimicrobial resistance). 	0	0	0	0	0
c) Using examples from epidemiology or public health science has improved my students' math literacy (e.g., probability/risk calculations).	0	0	0	0	0
 d) Using examples from epidemiology or public health science has improved my students' health literacy in topic areas such as nutrition, physical activity, or vaccinations. 	0	0	0	0	0
Using examples from epidemiology or public health science has increased my students' awareness about public health as a career choice.	0	0	0	0	0

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2017 Science Ambassador Fellowship Summer Course Satisfaction Survey
Past Experience, continued (First Year Science Ambassadors)
To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.
* 8. In the last school year, how often did you use a complete lesson plan designed to teach epidemiology or public health science [e.g., Science Ambassador (SA) or Young Epidemiology Scholar (YES)]?
More than twice a week
Once or twice a week
Once or twice a month
Once or twice a school year
○ Never
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Past Experience, continued (First Year Science Ambassadors)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

Science Ambassador					
Young Epidemiology Scholar (YES)					
Other (please specify)					
. Please indicate your level of agreement with the following				100000000000000000000000000000000000000	
signed to teach epidemiology or public health science [e.g cholar (YES)] <u>prior</u> to becoming a Science Ambassador Fell	-	umbassado	r (SA) or You	ing Epidemic	ology
chold (123) prior to becoming a science Ambassador Pen	Strongly			Strongly	
		Agree	Disagree	Disagree	Unsure
	Agree	vigree	Disagree	Disagree	
) These materials have increased my students' critical thinking skills.	Agree	O	O	0	0
) These materials have improved my students' science literacy (e.g.,	Agree	0	O	0	0
These materials have increased my students' critical thinking skills. These materials have improved my students' science literacy (e.g., ntimicrobial resistance). These materials have improved my students' math literacy (e.g., robability/risk calculations).	Agree	0	O O	0	0
) These materials have improved my students' science literacy (e.g., ntimicrobial resistance).) These materials have improved my students' math literacy (e.g.,	Agree	0	0	0 0	0 0

Summer Course (First Year Science Ambassadors)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

The questions below pertain to the 2017 Science Ambassador Fellowship summer course.

* 11. Select a response for each of the following sessions from the summer course. Select "N/A" if you did not attend that session.

	Taught me something useful	Should be kept for future summer courses	Level of Difficulty
Introduction to Epidemiology and One Health Case Study	‡	‡	\$
EIS Case Study: It's Potluck at Emory University	+	*	
Topic 1: Population Health	+	+	+
Topic 2: One Health and Pandemic Influenza	‡	\$	
Topic 3: Foodborne and Waterborne Disease: Shigellosis			
Lesson Planning, Part 1: Creating clear learning objectives			•
Lesson Planning, Part 2: Designing the activity outline		\$	\$
Lesson Planning, Part 3: Writing the scientific content		\$	
Lesson Planning, Part 4: Peer Review			
Lesson Planning, Part 5: Drafting the activity details	\$	+	\$
Lesson Planning, Part 6: Presenting your work	\$	\$	\$
Stephen B. Thacker CDC Library Tour	\$	\$	\$
David J. Sencer CDC Museum Tour	\$	\$	\$
CDC Entomology Insectary Laboratory Walkthrough		\$	\$
Emergency Operations Center Tour	‡		‡
Reflections on EIS circa 1981: the early AIDS investigations in the U.S. at Emory University			•
Teacher Talks	*	•	\$
CDC Panel of Experts	+	\$	\$

suggestions]					
13. Please provide suggestion	ons for improvemen	t to the Less	on Plan Temp	alate. 🖸	
14. Please provide any speci standards.	fic suggestions for	any addition	al topics to in	clude that align	with current science
15. Please provide suggestio	ons for improvemen	t to the cons	ultation with (CDC Subject M	atter Experts (SMEs).
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Post-summer course (First Year Science Ambassadors)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

* 16. Please indicate your level of agreement with the following statements about the incorporation of Science Ambassador (SA) Lesson Plans in your teaching.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsure
a) I plan to incorporate SA Lesson Plans in my classroom this school year.	0	0	0	0	0
 b) Incorporating SA Lesson Plans into my teaching will increase my students' critical thinking skills. 	0	0	0	0	0
c) Incorporating SA Lesson Plans into my teaching will improve my students' science literacy.	0	0	0	0	0
d) Incorporating SA Lesson Plans into my teaching will increase my students' math literacy.	0	0	0	0	0
e) Incorporating SA Lesson Plans into my teaching will improve my students' health literacy.	0	0	0	0	0
f) Incorporating SA Lesson Plans will increase my students' awareness about public health as a career choice.	0	0	0	0	0
g) I believe my lesson plan will be a valuable contribution to other leachers like me.	0	0	0	0	0

	1 - Not a barrier	2 - Somewhat of a barrier	3 - Moderate barrier	4 - Extreme barrier
Resources/Materials: Limited availability of effective public health or epidemiology resources to use in classrooms	0	0	0	0
Resources/Materials: Limited availability of effective public health or epidemiology resources that can be tailored to my grade level or subject area	0	0	0	0
Individual level. Lack of time to incorporate public health or epidemiology examples into courses	0	0	0	0
Individual level: Lack of knowledge of public health or epidemiology content	0	0	0	0
Individual level: Low comfort level teaching public health or epidemiology topics	0	0	0	0
Environment: Lack of support from school leadership	0	0	0	0
Environment: Lack of support from district leadership	0	0	0	0
Environment: Lack of student interest	0	0	0	0
Environment: Competing school priorities (e.g., standardized testing)	0	0	0	0
8. What other barrier(s) (if any) do you face in incorporating what you lellowship summer course into your teaching?	earned duri	ing the 2017 \$	icience Amb	assador

0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
	O O O O O O O O O O O O O O O O O O O	o o	mbassador Fellowship in the future, what is

	Strongly Agree	Agree	Disagree	Strong
 a) Because of the summer course, I have more knowledge and skills in epidemiology or public health science. 	0	0	0	0
 b) Because of the summer course, I feel more confident in my ability to incorporate epidemiology or public health science into my teaching. 	0	0	0	0
c) Because of the summer course, I feel more confident in my ability to use epidemiology or public health science in my teaching because I met teachers who are doing this (Science Ambassador peer leader).	0	0	0	0
 d) Because of the summer course, I feel more confident in my ability to teach my colleagues how to incorporate epidemiology or public health science into their teaching. 	0	0	0	0
e) Because of the summer course, I gained at least one professional contact (e.g., subject matter expert, colleague) that I plan to connect wit about incorporating epidemiology or public health science into my teaching.	0	0	0	0
f) Interacting with the second year Science Ambassador Fellowship pee leaders was a valuable part of the summer course.	0	0	0	0
g) Because of the summer course, I will recommend the Science Ambassador Fellowship to my colleagues.	0	0	0	0
h) I am satisfied with this Science Ambassador Fellowship summer	0	0	0	0
	Fellowship sumi	mer course (e.g., sessions, f	ocus, ton
reas, new teaching strategies, technologies,) that will resu schievement in epidemiology or public health science.	it in the greatest i	mpact on stu	dent learning a	
22. Please provide suggestions for the Science Ambassado reas, new teaching strategies, technologies,) that will result the science in the science of the sc	it in the greatest i	mpact on stu	dent learning a	

2017 Science Ambassador Fellowship Summer Course Satisfaction Survey Pre-Summer Course (Science Ambassador Peer Leader) To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page. Pre-Summer Course Interaction The following set of questions pertains to the pre-summer course period. * 2. Thank you for returning as a Science Ambassador Fellowship Peer Leader! In what year did you first participate in the Science Ambassador Fellowship summer course (previously called the Science Ambassador Workshop)? * 3. Please indicate your level of agreement with the following statements about the Science Ambassador Quarterly Newsletters that you should have received. I do not Strongly Strongly receive a Agree Agree Disagree Disagree newsletter. a) The newsletter helps me identify new resources to teach 0 epidemiology and public health science. b) The newsletter allows me to connect with my Science Ambassador cohort during the school year. c) The newsletter keeps me updated on Science Ambassador d) The newsletter prompts me to share information about the Science Ambassador Fellowship to colleagues. e) The newsletter prompts me to share information about teaching epidemiology and public health science to colleagues.

4. Please provide suggestions for	improvement to the Science Ambassador Quarterly Newsletter.
5. Please provide suggestions for	improvement to the pre-summer course information packet.
,	
0000 10 10 10	
6. Please provide suggestions for Fellowship organizers.	improvement to the overall pre-summer course interaction with Science Ambassador
Past Experience	
	n did you use examples from epidemiology or public health science (e.g., breaking or significant issues such as antimicrobial resistance or obesity) in teaching require
More than twice a week	
Once or twice a week	
Once or twice a month	
Once or twice a year	
Never	
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Past Experience, continued (Science Ambassador Peer Leaders)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

* 8. Please indicate your level of agreement with the following statements about your use of epidemiology or public health science in your classroom before becoming a 2017 Science Ambassador Fellowship peer leader.

	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsure
Using examples from epidemiology or public health science has increased my students' critical thinking skills.	0	0	0	0	0
b) Using examples from epidemiology or public health science has improved my students' science literacy (e.g., antimicrobial resistance)	0	0	0	0	0
c) Using examples from epidemiology or public health science has improved my students' math literacy (e.g., probability/risk calculations)	0	0	0	0	0
 d) Using examples from epidemiology or public health science has improved my students' health literacy in topic areas such as nutrition, physical activity, or vaccinations. 	0	0	0	0	0
 e) Using examples from epidemiology or public health science has increased my students' awareness about public health as a career choice. 	0	0	0	0	0

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2017 Science Ambassador Fellowship Summer Course Satisfaction Survey
Past Experience, continued (Science Ambassador Peer Leader)
To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.
9. In the last school year, how often did you use a complete lesson plan designed to teach epidemiology or public health science [e.g., Science Ambassador (SA) or Young Epidemiology Scholar (YES)]?
More than twice a week
Once or twice a week
Once or twice a month
Once or twice a school year
○ Never
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Past Experience, continued (Science Ambassador Peer Leader)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

Science Ambassador					
Young Epidemiology Scholar (YES)					
Other (please specify)					
Please indicate your level of agreement with the following					
ience Ambassador (SA) or Young Epidemiology Scholar (_	g with publ	ic nealth or e	piaemiology	Detore
coming a 2017 Science Ambassador fellowship peer leade					
	Strongly Agree	Agree	Disagree	Strongly Disagree	Unsur
) These materials have increased my students' critical thinking skills.		Agree	Disagree		Unsur
These materials have increased my students' critical thinking skills. These materials have improved my students' science literacy (e.g., ntimicrobial resistance).		Agree	Disagree		Unsur
These materials have improved my students' science literacy (e.g.,		Agree	Disagree		O
These materials have improved my students' science literacy (e.g., ntimicrobial resistance). These materials have improved my students' math literacy (e.g.,		Agree	Disagree		O

Past Experience, continued (Science Ambassador Peer Leader)

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next' button at the bottom of the page.

	ou have participated in prior to the 2017 Science Ambassador
Fellowship summer course (previously called the S	Science Ambassador Workshop). (Check all that apply.)
Formally presented information about the Science Ambass session)	ssador program (e.g., conference, meeting, or professional development training
Formally presented information about incorporating public conference, meeting, or professional development training	is health or epidemiology examples into curricula with a teacher community (e.g., ng session)
Presented information about incorporating public health or other teachers in the form of a workshop	or epidemiology into teaching (e.g., Science Ambassador Lesson Plans, examples) to
Developed and taught a public health or epidemiology cou	ourse at my school
	Ambassador Fellowship (previously called the Science Ambassador the name of the meeting/conference and approximately how many
14. Describe any impact that the first CDC Science A Workshop) had on your teaching.	e Ambassador Fellowship (previously called the Science Ambassador
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Summer Course (Science Ambassador Peer Leader)

The below questions pertain to the 2017 Science Ambassador Fellowship summer course.

15. Select your response for each of the following sessions from the summer course. Select "N/A" if you did not attend that session.

	Taught me something useful	Should be kept for future summer courses	Level of Difficulty
Introduction to Epidemiology and One Health Case Study		•	
EIS Case Study: It's Potluck at Emory University	\$	*	
Topic 1: Population Health			
Topic 2: One Health and Pandemic Influenza			
Topic 3: Foodborne and Waterborne Disease: Shigellosis	‡	\$	
Lesson Planning, Part 1: Creating clear learning objectives			
Lesson Planning, Part 2: Designing the activity outline			
Lesson Planning, Part 3: Writing the scientific content		•	
Lesson Planning, Part 4: Peer Review		•	
Lesson Planning. Part 5: Drafting the activity details	*		
Lesson Planning, Part 6: Presenting your work	\$	•	•
Stephen B. Thacker CDC Library Tour	‡		
David J. Sencer CDC Museum Tour			
CDC Enfomology Insectary Laboratory Walkthrough	‡	\$	
Emergency Operations Center Tour		•	
Reflections on EIS circa 1981: the early AIDS investigations in the U.S. at Emory University		•	
Teacher Talks		•	
CDC Panel of Experts			•

16. Please provide suggestions for improve suggestions]	ement to any session y	ou attended. [Identify	y each session, then provide the
17. Provide suggestions for improvement t	o the Lesson Plan Terr	nplate. 🖸	
18. Provide any specific suggestions for an	ny additional topics to	include that align wit	n current science standards.
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Post-Summer Course: Science Ambassador Peer Leader

To return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the "Next" button at the bottom of the page.

19. Rank the following potential barriers to incorporating what you learned during the 2017 Science Ambassador Fellowship summer course into your teaching.

1 - Not a barrier	2 - Somewhat of a barrier	3 - Moderate barrier	4 - Extreme barrier
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
0	0	0	0
		1 - Not a Somewhat of	1 - Not a Somewhat of 3 - Moderate

20. What other barrier(s) (if any) do you face in	incorporating what you learned during the 2017	Science Ambassador
Fellowship summer course into your teaching?	0	

	Strongly Agree	Agree	Disagree	Strongly Disagree
a) I plan to present information about incorporating epidemiology or public health science examples into curricula at a <u>local</u> conference, meeting, or professional development training session.	0	0	0	0
 b) I plan to present information about incorporating epidemiology or public health science examples into curricula at a <u>state/regional conference</u>, meeting, or professional development training session. 	0	0	0	0
c) I plan to present information about incorporating epidemiology or public health science examples into curricula at a <u>national</u> conference, meeting, or professional development training session.	0	0	0	0
d) I plan to present information about incorporating epidemiology or public health science examples into curricula at a <u>international</u> conference, meeting, or professional development training session.	0	0	0	0
e) I plan to develop and teach a course on epidemiology or public health science at my school.	0	0	0	0
22. If you are planning to present information about 2017 Science Ambas what is the name of the meeting and when does it take place?	sador Fello	wship sum	mer course i	n the future

	Strongly Agree	Agree	Disagree	Strongly Disagre
 a) I was given ample resources to lead my team in developing a quality draft of a lesson plan. 	0	0	0	0
 b) Leading a team in lesson plan development was useful for my own professional development. 	0	0	0	0
c) I believe my team's lesson plan will be a valuable contribution to other teachers like me.	0	0	0	0
d) Because of the summer course, I have more knowledge and skills in epidemiology or public health science.	0	0	0	0
e) Because of the summer course. I feel more confident in my ability to incorporate public health or epidemiology into my teaching.	0	0	0	0
f) Because of the summer course, I feel more confident in my ability to lead teachers in my teaching community how to incorporate epidemiology or public health science into their teaching.	0	0	0	0
g) Because of the summer course. I feel more confident in my ability to present at conferences, meetings, or professional development training sessions.	0	0	0	0
 b) Because of the summer course, I gained at least one professional contact (e.g., subject matter expert, colleague) that I plan to connect with about incorporating epidemiology or public health science into my teaching. 	0	0	0	0
) I will recommend this fellowship to my colleagues.	0	0	0	0
i) Overall, I am satisfied with the summer course.	0	0	0	0
 Please provide any suggestions for the Science Ambassador Fellows opic areas, teaching strategies, technologies, or others) that will result chievement in epidemiology or public health science. 	*			

20	017 Science Ambassador Fellowship Summer Course Satisfaction Survey
G	rade and Subjects You Teach
*14	return to a previous page, use the "Previous" button at the bottom of the page (NOT the "Back" button on your browser menu). To advance, use the ext" button at the bottom of the page. What grade(s) did you teach last school year? (Select all that apply.) Sth 6th 7th 8th 9th 10th
	12th Community College College (Undergraduate) College (Graduate) Other: Curriculum Development Specialist Other: Professional Development Provider Other (please specify) Other (please specify)

* 25.	What grade(s) will you teach in the next school year? (Select all that apply.)
	5th
	6th
	7th
	8th
	9th
	10th
	11th
	12th
	Community College
	College (Undergraduate)
	College (Graduate)
	Other: Curriculum Development Specialist
	Other: Professional Development Provider
	Other (please specify)
	Other (please specify)
	0 (1000) (1000) (1000) (1000)

26.	What did you teach last school year? (Select all that apply.)
	High School Epidemiology or Public-health science related
	High School Life Science (e.g., Biology)
	High School Physical Science (e.g., Chemistry, Physics)
	High School Earth and Space Science (e.g., Environmental science, Astronomy)
	High School Medical-related (e.g., medical terminology)
	High School Mathematics
	Middle School Epidemiology or public-health science related
	Middle School Life Science (e.g., Biology)
	Middle School Physical Science (e.g., Chemistry, Physics)
	Middle School Earth and Space Science
	Middle School Medical-related (e.g., medical terminology)
	Middle School Mathematics
	Other (please specify)
27.	What will you teach in the next school year? (Select all that apply.)
	High School Life Science (e.g., Biology)
	High School Physical Science (e.g., Chemistry, Physics)
	High School Earth and Space Science (e.g., Environmental science, Astronomy)
	High School Medical-related (e.g., medical terminology)
	High School Mathematics
	Middle School Epidemiology or public-health science related
	Middle School Life Science (e.g., Biology)
	Middle School Physical Science (e.g., Chemistry, Physics)
	Middle School Earth and Space Science
ш	Middle School Medical-related (e.g., medical terminology)
	Middle School Medical-related (e.g., medical terminology) Middle School Mathematics

28. In the last school year, approxim science as a part of your curriculum				
biotechnology)?				
Ø				
20 to the resident subsequence conservation			h and add in anida	miology or multiple booth
29. In the next school year, approxin science as a part of your curriculum biotechnology)?				***
O				
	Prev	Done		