



Centers for Disease Control and Prevention (CDC) Invites Middle and High School Science Teachers Nationwide to Compete for the Chance to Work with Scientists in the 2010 Science Ambassador Program

As the nation's public health leader, CDC addresses scientific issues that can provide excellent educational opportunities for teachers and students. CDC recognizes that teachers have the educational training needed to develop effective lesson plans with activities that can bring science and public health into the classroom.

The Science Ambassador Program links science with the classroom. Science Ambassador is a program offered by the Career Paths to Public Health Program.

Through Science Ambassador, CDC scientists work with middle and high school science teachers and provide information about the challenges of current public health issues. During an intensive five-day workshop, teachers create lesson plans that engage students with compelling public health topics to foster their interest in becoming future public health professionals. During the workshop, teachers will have the opportunity to

- Tour selected CDC facilities, including the CDC Global Health Odyssey
- Learn from and interact with CDC scientists
- Participate in multiple sessions on selected topics led by public health professionals
- Participate in a seminar on developing educationally appropriate lesson plans
- Work in teams to develop science lesson plans based on public health topics such as West Nile Virus, obesity, autism, smoking and teen dating violence
- Enhance their professional network of teachers and public health scientists
- Present ideas for lesson plans to peers and obtain feedback

Lesson plans are developed to meet National Science Education standards and challenge students to think about science in new ways. Topics offer students the chance to apply science and public health principles in the real world. Following completion of the workshop, participants return to their schools to implement the lessons that will cultivate students' ability to view public health and its relationship to the sciences as a relevant and exciting area of study. Teacher lesson plans are submitted for future publication. To view or download lesson plans developed by previous Science Ambassador participants, click on http://www.cdc.gov/excite/ScienceAmbassador/ambassador_pgm/lessonplans.htm.

To become a Science Ambassador, complete the attached application and visit <http://www.cdc.gov/excite/ScienceAmbassador> for more information.

Questions? E-mail scienceambassador@cdc.gov or call 1-800-CDC-INFO.

Application packages must be completed, postmarked, and mailed by March 29, 2010 to the following address:

Centers for Disease Control and Prevention
Career Paths to Public Health Program
1600 Clifton Rd. NE, MS E-94
Atlanta, GA 30333
Attn: Azania Heyward-James, MEd



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention



SCIENCE AMBASSADOR APPLICATION

Note: Before you complete this application, please visit our website at <http://www.cdc.gov/ScienceAmbassador> to learn more about the Science Ambassador program.

Section 1: Applicant Information

Full Name: _____
Home Address: _____
City: _____
State: _____ **Zip Code:** _____
Telephone Number(s): _____ **Fax Number:** _____
E-mail Address: _____

School Name: _____
School Address: _____
City: _____
State: _____ **Zip Code:** _____
Telephone Number(s): _____ **Fax Number:** _____
E-mail Address: _____

Principal's Name: _____
Grade levels you teach: _____
List your scientific interests: _____

How did you hear about the Science Ambassador program? _____

Please indicate your availability for the workshops below.

I am available for workshop I (June 21-25) Yes ___ No ___
I am available for workshop II (July 19-23) Yes ___ No ___

Other comments on your availability: _____

I have read and understand the requirements and expectations for participation in the Science Ambassador program at www.cdc.gov/excite/ScienceAmbassador/ambassador_pgm/teachinfo.htm.

Signature: _____ **Date:** _____

Section 2: Academic and Professional Experience (limit 2 pages)

Please attach a current curriculum vita detailing your professional accomplishments and current activities, teaching experience, academic achievements, and awards or honors received.

Section 3: Letters of Recommendation

Please provide two letters of recommendation, one from a principal or supervisor and the second from another individual who knows your teaching abilities. Please have both references complete the attached forms indicating his or her support for your participation in this professional development program, along with a brief statement detailing your ability to mentor students. Letters of recommendation should be placed in a sealed envelope with the signature of the principal or supervisor across the seal to ensure confidentiality.

Section 4: Personal Statement (limit 1 page)

Please include a personal statement describing (1) why you would like to participate in this program, (2) how you would use the knowledge gained in your science classroom, especially as it relates to (a) public health, and (b) your dedication to students and science education, and (3) your ability to complete all requirements of the program. This statement should be no more than one page in length.

Section 5: Lesson Plan

Please include an example of your best science lesson plan. We encourage you to submit a lesson plan on a public health topic if you have one available. If you do not have one available, please submit any science lesson plan. Lesson plans should include a title, primary learning outcomes, a procedure section including all supporting documents, and an assessment. Please visit 'Becoming a Science Ambassador' at the following Web site for detailed information on what CDC considers an effective lesson plan, along with specific examples. <http://www.cdc.gov/excite/ScienceAmbassador/>.

Section 6: Teacher Certification

Please attach a copy of your current teaching certification for public school teachers, and other documentation verifying teaching credentials for teachers in private or faith-based schools.

Additional Application Information

Eligibility

Participants must be practicing middle or high school science teachers. At this time, the Science Ambassador Program is limiting the number of participants.

Selection Criteria

All applications will be reviewed by the Science Ambassador Program Selection Panel. Potential participants might be asked to participate in a telephone interview during the selection process. For each application, the Science Ambassador Program Selection Panel will consider the individual's 'academic and professional experience', the 'lesson plan', and the 'personal statement' primarily. This is followed by the 'letters of recommendation' as well as ensuring that the program has a diverse group of grade levels and geography. Applicants will be notified of their status by May 7, 2010.

Application packages must be postmarked by March 29, 2010. Please mail all COMPLETED application packages to the following address:

Centers for Disease Control and Prevention
Career Paths to Public Health Program
1600 Clifton Rd. NE, MS E-94 Atlanta, GA 30333
Attn: Azania Heyward-James, MEd

PLEASE NOTE THAT INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED.



**SCIENCE AMBASSADOR
LETTER OF RECOMMENDATION**
(Completed by candidate's principal or supervisor)



For: _____
Teacher Name

The teacher named above asks that you provide comments about his/her qualifications for the Science Ambassador Program of the Centers for Disease Control and Prevention (CDC). Science Ambassador selects middle and high school science teachers for a five-day workshop in Atlanta. The workshop features eminent CDC scientists who present information on various public health science topics. Teachers use this information to develop unique and compelling lesson plans for their classes. Plans are developed to meet state and national science education standards. Please complete this form and place it, with any attachments, in a sealed envelope. Sign your name across the seal to ensure confidentiality. Your comments are appreciated.

Section 1: Please rate the teacher on the following characteristics:

	1 Poor	2 Fair	3 Average	4 Good	5 Superb
1. Ability to work within a team					
2. Ability to use new or current information in the classroom					
3. Ability to accept constructive criticism					
4. Commitment to fulfilling professional obligations					
5. Ability to use creative teaching methods					
6. Computer literacy and the ability use technology in the classroom					
7. Ability to develop lesson plans					

Section 2: Briefly discuss how long and what capacity you have known the applicant, your perception of the candidate's dedication to teaching science, and how the candidate mentors students in your school. Please indicate the school's level of support for the candidate's implementation of the Science Ambassador-approved lesson plans. (You can attach an additional page if necessary.)

Signature and Title

Date



SCIENCE AMBASSADOR LETTER OF RECOMMENDATION

(Completed by Person Familiar with Candidate's Teaching Abilities)



For: _____
Teacher Name

The teacher named above asks that you provide comments about his/her qualifications for the Science Ambassador Program of the Centers for Disease Control and Prevention (CDC). Science Ambassador selects middle and high school science teachers for a five-day workshop in Atlanta. The workshop features eminent CDC scientists who present information on various public health science topics. Teachers use this information to develop unique and compelling lesson plans for their classes. Plans are developed to meet state and national science education standards. Please complete this form and place it, with any attachments, in a sealed envelope. Sign your name across the seal to ensure confidentiality. Your comments are appreciated.

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4. Commitment to fulfilling professional obligations					
5. Ability to use creative teaching methods					
6. Computer literacy and the ability use technology in the classroom					
7. Ability to develop lesson plans					

Section 2: Briefly discuss how long and what capacity you have known the applicant, your perception of the candidate's dedication to teaching science, and how the candidate mentors students in your school. Also, please describe the candidate's experience and potential for developing lesson plans that other teachers can use. (You can attach an additional page if necessary.)

Signature and Title

Date