

FDA/NSTA Professional Development Program in Food Science Safety Input Survey Results High School 2005

Executive Summary	2
Future Recommendations	2
Special Presenters (DAY 1):	4
David Acheson.....	4
Shawn Eblen	4
Mark Walderhaug	4
USDA’s Beltsville Agricultural Research Center.....	5
Overall Comments:	5
Were there specific speakers/topics which you felt were especially pertinent to the program?.....	6
Phillips Seafood Processing Plant.....	7
FDA Labs, College Park	7
University of Maryland Lab Facilities	8
Graduate School, USDA Facilities	9
Meeting Arrangement Comments:.....	9
FDA Support.....	10
NSTA Support	10
Al Byers	11
Ken Bingman	11
Workshop Facilitator Assistants (Brad Staats, Elena Stowell).....	12
Overall Evaluation Questions	12
Other comments about any aspects of the workshop.....	12
Follow Up: Curriculum Implementation/Local Workshop Planning. What expectations do you have regarding follow-up on line support?	13
What else do you need from FDA/NSTA in order to implement the curriculum?.....	14
What do you need before we gather in Nashville, Tennessee to begin your plans for conducting your workshop?.....	14
What suggestions do you have for the Nashville, Tennessee FDA/NSTA Sessions?	15
What, if any, changes would you make to improve the program?	16

FDA/NSTA Professional Development Program in Food Science Safety

Participant Feedback Survey Results High School 2005

Executive Summary

This report is a summary of the participant feedback comments from the FDA/NSTA Professional Development Program in Food Science Safety for high school educators that occurred in Washington, DC on August 24–30, 2005.

Upon review of the information compiled in this report it becomes readily apparent that all of the participants felt that this program was an outstanding professional development opportunity and encouraged FDA/NSTA to continue providing the program in the future.

Participants considered the week a good mix development tools: core content lectures from scientists, tours of authentic science research facilities, and hands-on applications of the curriculum that aid them in translating is this experience into their classroom with students.

Future Recommendations

Several common themes rose up from reviewing the aggregate responses of the high school participants included in this report. The following suggestions are submitted for consideration for future one-week face-to-face workshops:

- Consider another hotel with more amenable accommodations and staff. Other hotels might also be centrally located, or near a metro, allowing sightseeing to still be possible after the daily program is completed.
- Revisit the hands-on laboratory portion of the workshop to consider the following: more activities to fill down time, tighter sequencing of the activities utilized, more in-depth treatment/discussion of those activities incorporated in the workshop, and more scaffolding resources (detailed procedures) for the less “science-centric” educators—i.e., Family and Consumer Science Educators.
- Consider mixing up the speaker lectures on day 1 (and other days) with some hands-on activities if logistics permit, to avoid long days of repeated and passive “seat time”.
- Establish tighter and more visible alignment/connections between lectures, tours, and the curriculum. Possibly incorporate regular but brief opening and closing review sessions at



the beginning and end of each day respectively to clarify the above mentioned connections.

- Provide regular afternoon breaks with water; more formal scheduled time for networking with peers/colleagues, presenters, and facilitators; and more efficient utilization of the bus ride time for reviewing, networking, viewing videos, etc.
- Consider having a more Socratic learning model by allowing participants be more active during the core content lectures and identifying resources in advance to provide immediately after the workshop/lecture (PowerPoints, URL lists, Classroom resources to support the content of the talks).
- Possibly spend more instruction time and discussion on the following components of the program—follow-up/enhancement conference, in-service, etc.—e.g., by sharing a detailed conference agenda, and examples of in-service agendas and budgets for review. NOTE: The timeline and sample budgets/in-service outlines were distributed, but not covered in great detail.
- Leveraging the web and other technologies in a more tangible manner in order to build on the excitement immediately following the workshop by incorporating a password protected photo gallery, discussion board/listserv (that works via email as well), and having these channels of communication discussed on the last day of the workshop with a handout.

Special Presenters (DAY 1):

David Acheson

Rating: 4.28/5.0 (85%)

Comments:

- Good preparation
- Great info on Mercury!
- Great, very interesting
- Good presenter for policy-level information
- Good overview!
- David is a very knowledgeable and communicates information in a way that's easy to understand
- Useful to me as I live outside the continental USA
- Don't remember

Shawn Eblen

Rating: 4.92/5.0 (98.4%)

Comments:

- A down to Earth guy!
- Most charming. This kid really demonstrates a very unique personality, which fosters great acceptance and validation for teachers making a difference
- Very Good
- Great! Wish he had more time!
- Lots of good info-very passionate delivery
- His words are engrained in my head!
- Wow! Sean was fascinating-I could listen to him all day!
- Great, very interesting.
- Very willing to spend time and answer any question. Lots of enthusiasm
- Very engaging-learned lots-great info.
- Shawn was engaging, direct, and knew a lot about his bugs!
- So enthusiastic!
- Fantantastic! I wish my students and peers had the opportunity to listen to Shawn. I am thrilled that I was able to meet "They" in the famous "They say..."
- Very relevant
- Great info and energy
- Very energetic

Mark Walderhaug

Rating: 4.56/5.0 (91%)

Comments:

- Greatly appreciated presentation. So very professional, and truly committed. Much support for this program and its success.
- Great man!

- Very willing to spend time and answer any question. Lots of enthusiasm
- Great, very interesting.
- Great communicator! He was easy to understand and so very knowledgeable
- Very enthusiastic, good info for students.
- Extremely helpful, good information
- Very calm, collected speaker. Knew a lot about micro-biological topics and applications.
- Information is excellent; delivery is not “exciting” (I don’t think that speaking is his forte but I appreciate that he tried)
- More information needed about what specific jobs entail such as nanotechnologist. Are all educational levels represented from associate degree to doctorate?

Overall General Speaker Comments:

- These speakers were all very interesting. Great way to lead into the week.

USDA’s Beltsville Agricultural Research Center

Rating: 4.88/5.0 (98%)

Overall Comments:

- This visual just left us energized for more. Jay made our tour most successful [and] enjoyable
- Very interesting, would like to see more.
- This was one of the best educational experiences I’ve had!
- Excellent tour. The tour guide was very good at his job!
- Beef Blasters presentation was the coolest. Loved the tour. Sad to miss the chance to stick my hand in a cow’s gut!
- Enjoyable-would have liked to see the “holie cow!”
- Sorry we missed the cow, but a great tour anyway!
- I would have liked more time there, possibly two days because it was so interesting!
- Jay Green did a wonderful job of showing us around and supplying wonderful information that the USDA is working on in the research areas.
- Soloman was excellent. Great awareness of these facilities now!
- Very interesting to hear research projects.
- Would have liked to tour the ag genetics/engineering labs. Mark Soloman was great. Enjoyed the demo but also the large amount of information he imparted.
- One of the best parts of the trip! Like the beef blaster a lot! Too bad about the cows...maybe next time!



- All the activities were so interesting and valuable. I would have liked to squeeze in seeing some of the collections such as the 10 ft. tape worm.
- Super experience! This is an outstanding place to visit.
- I would like more time and encounters with the scientists. Some worksheet or information about each facility or branch, rather than an oral tour by Jay Green. Didn't see the relevance of mites to our food.
- All areas were extremely interesting
- It was good to see and hear people doing research in the field
- Loved Soloman's demonstration. Missed not being able to do the cow demo.
- Loved it! The facilities and speakers were fabulous.

Were there specific speakers/topics which you felt were especially pertinent to the program?

- Mite speaker was a great way to end the day.
- Mite talk by Dr. Ron Ochoa was interesting. Dr. Solomon (hydrodynamic pressure) was interesting and a good example of evolving science
- Annie the cow-What a great photo op. Dr. Soloman with explosives.
- I could have spent longer at the USDA-this was interesting
- All
- The exploding meat was very cool because it was different (I don't know how pertinent it was but it was a great demo!)
- Our tour guide (Jay) was superb. The "bomb guy" was phenomenal!
- Beef Blasters.
- Loved the explosive beef!
- Tour guide-excellent (Jay Greene). Dr. Soloman (beef blaster) excellent. Dr. Ochoa excellent.
- Very relevant.
- I thought all of them were pertinent, and as an agricultural educator, I was happy to see the strong connections made between food science and agriculture!
- The "mites' man" was wonderful. He needs to be a speaker at NSTA convention. Please video tape him so I can share him with my students.
- All speakers were very positive; each had strengths and weaknesses the program required.
- Jay Green's informative comments. Dr. Soloman's beef explosion. Dr. Ocha's mite presentation.
- Our guide, Jay was so helpful. He was able to answer all of our questions.
- Dr. Soloman's activity introduced unique ways of dealing with issues. Dr. Trout's talk on biological preservatives. Mr. Jay Green's explanation about producing an energy efficient farming.
- Dr. Trout-I live in upstate NY-in the Chesapeake bay Watershed-very good explanation.



- All great speakers.
- Yes. All speakers brought information that was pertinent.

Phillips Seafood Processing Plant

Rating: 4.4/5.0 (88%)

Overall Comments:

- Very interesting.
- This left many questions and major food safety observation from the line including 12 violations
- Interesting to see a processing plant
- Very interesting. I would have like to seen their QC lab and had someone talk more about the lab experiments they did.
- I enjoyed the tour very much-the importance of controls was impressed upon me!
- My heart goes out to the workers!
- Informative, clean plant.
- Great photo ops!!
- All speakers were excellent!
- Liked the tour and the steps of processing. Wish we had time to address the technologies used on the line to process the foods.
- Liked the crab cakes; Calvin was very knowledgeable about the plant ops. Very good part of the tour.
- Excellent tour! I learned so much about industry and the processes of production. Lunch was a delicious bonus!
- This was a memorable experience! I have so much information that I can use in my Food Production class!
- Great opportunity to see food processing up close.
- Good tour, but very similar to other processing plants I have seen-perhaps tour was a bit too long.
- Good opportunity for pictures for class presentation



FDA Labs, College Park

Rating: 4.76/5.0 (95%)

Comments:

- Would have been nice to have a little longer with the labs....start earlier?
- What a gift to have experienced the “gods” in working conditions. I have such n appreciation for the safety, which they provide for our US citizens. Thank you Louise.
- Excellent experience.
- Best part! Wish we could have had more time to talk about the lab equipment and how it works (so we could talk about how they are doing their experiments not just what experiments they are doing).
- Great information on the fascinating work done there!

- Beautiful facility.
- More time there also!
- Wish we could have been in a computer lab when the librarian discussed the website.
- It was a bit of a long day of listening. Many of the research projects were complicated and a bit more difficult to use in the classroom.
- Loved the tour. Shawn and Mark were great leaders. I enjoyed the scientist meeting tremendously.
- Great opportunity to see scientist at work.
- I enjoyed this visit so much. What a fantastic facility.
- Great opportunity to see FDA work.
- Perhaps we might see fewer labs, but have more time in each one-handout with websites for Agricultural Library would improve that talk
- Some of the labs were a little too complex for the Family & Consumer Science teachers-however interesting.
- Loved seeing science in action! The coordination of events was well executed.

University of Maryland Lab Facilities

Rating: 4.68/5.0 (93.6%)

Comments:

- Great to be able to do these labs with guidance.
- Presentations were great. Mite guy (Dr. Ocho) was a scream! Liked every one, particularly the bacteria phage lectures.
- Nice lab experience. Very good.
- Great to be able to run through the labs before using in school. Would like more detailed procedures.
- Excellent help from instructor (Beth) but more time should have been given for lab set-up of cultures.
- Very nice.
- Great! Beth, our lab instructor, was so patient and helpful.
- I was helpful to do the labs that we would have our students do. It was a great experience to work in a university lab with all the equipment under Beth's direction.
- Great stuff. Beth was a good lab director; labs ran a bit long on Tuesday though.
- Labs were great!
- Lab-ok, Beth-great. Activities-too many, some redundancy.
- I needed more background-perhaps readings, re: microbiology, biology, and chemistry. I am an FSC teacher.
- Hot, but great experience!
- How nice! They were so gracious to help us in this manner.
- Beth was awesome, like us, she too needs a pay raise!
- Fun time in the lab
- Beth was very good! It had been a lon time since I did agar & plates-good refresher.



- Beth was by far one of the greatest gifts that [I] received. A young, bright & talented teacher just working so hard to teach all the teachers.
- Kind of small, but worked well
- Not enough equipment-we had to share & look for stuff at the other lab stations, i.e., pressure cookers. Stuff and warm in the lab.

Graduate School, USDA Facilities

Overall Rating: 4.96/5.0 (99.2%)

Comments:

- Wonderful, but room reeked of mold [in hotel].
- Extremely efficient and organized.
- Nice place; easy to get to.
- Incredible experience to see behind the scenes and share the perspective of so many who work there.
- Before making travel plans, if I had known about Sunday night's reception, I could have planned to be there. Helpful travel agent. Great location. I appreciated all the tasty meals provided so I could focus on the program. Terrific to be out on site.

Isabelle Howe/Logistics Planning

Rating: 4.88/5.0 (98%)

Travel Arrangements

Rating: 4.92/5.0 (98%)

Housing Arrangements

Rating: 4.56/5.0 (91%)

Eating Arrangements

Rating: 4.68/5.0 (94%)

Meeting Arrangements

Rating: 4.92/5.0 (98%)

Meeting Arrangement Comments:

- Great accommodations.
- Wonderful. Thank you.
- All worked well for me. Great hotel location.
- Lots of detailing to take care of. Great job, Isabelle!
- All was great; hotel Washington bed's kind of small though.
- You need to consider another hotel. Even if it isn't in such a central location (just make sure it is near a metro stop). These rooms were extremely small, much of the equipment in various rooms didn't work, i.e., toilets, refrigerators, etc.). Their policy of holding \$100-200 on our credit cards is unacceptable. There are many very nice hotels that do not have this policy. This was a very negative aspect of my trip.

- Everything went so well. Great job.
- Room smelled like sewer gas, hote staff (Wendell Cephus) was Rude, housekeeping was lacking for what you were paying for, the service was lacking.
- Everything was exceptional!
- Maybe offer some other meats for breakfast (i.e., turkey sausage, salmon patties, or chicken steak).
- Very professional meeting! Reminds me of my days working with the airlines (certainly isn't typical of education meetings).
- One of the most organized workshops I have ever been to.
- Excellent to be within walking distance of so many sites.
- You are truly a gift of support, comfort, and expert for the logistics of this trip. We would not have survived without you. Thank you.
- Great job, excellent location! Very easy to arrange and very clear.
- A special thank you to be able to send home the materials.

FDA Support

Rating: 4.92/5.0 (98%)

Comments:

- Thank you for providing this opportunity to grow as an educator, science specialist, and person.
- Excellent
- Great combination (FDA and NSTA)
- Louise was extremely helpful and nice!
- Louise was an excellent facilitator.
- Louise was wonderful. Thanks!
- Louise did a wonderful job. The scientists were very generous with their time.
- No problems at all. Very helpful and friendly.
- Overwhelmed by all the hospitality and hand-on experiences. Great Team work (NSTA and FDA). Louise needs to be commended for all her [efforts].
- Marvelous
- The guides were not well prepared
- Excellent
- Very helpful.
- Louise was wonderful!

NSTA Support

Rating: 4.96/5.0 (99%)

Comments:

- Wonderful
- Overwhelmed by all the hospitality and hand-on experiences. Great Team work (NSTA and FDA).
- Great combination (FDA and NSTA)
- Very helpful

- Excellent
- I would have like to get more information about the activities of NSTA in this specific workshop in general.
- Marvelous
- Everyone was very helpful.
- Good job.
- More advance background info or concrete instruction to refer to their website
- Beautiful bag and goodies!! Thanks for the plaque! The books are wonderful-I always wanted my own copy of the National Standards.
- Excellent, caring.
- Good. Brad did a good job of lining up stuff ;)
- Thank you for providing this opportunity to enjoy the experience, recognition and reinforcement to succeed.
- Always a stellar support group!

Al Byers

Rating: 5.0/5.0 (100%)

Comments:

- What an organized guy and great representative of NSTA
- You are so special! Sharing your time, energy, expertise, resources, and involvement made this time so rewarding. Thank you.
- Good, very personable.
- Very enthusiastic.
- Thanks for the opportunity to visit with you.
- Very warm, gracious, friendly. I would have appreciated more contact with him, re: background, functions of NSTA and how this pertains to Family Consumer Science.
- Thanks for the enthusiasm.
- Great job. Al is very “user friendly” and set a good tone for the workshop.
- Funny guy. Very knowledgeable and on-the-ball.
- Friendly, knowledgeable, helpful and interested.
- Marvelous
- Very positive and encouraging.
- Very friendly.
- Very helpful.
- Did not interact much with Al

Ken Bingman

Curriculum Facilitator

Rating: 5.08/5.0 (102%)

Comments:

- What a great facilitator-always there to be helpful-and share his wealth of information.
- Lots of practical information to share.
- Very helpful

- Marvelous
- Relevant information, supportive and helpful.
- Good, easy-paced delivery of facilitating. Nice guy.
- Ken is a real person. He did an excellent job of connecting with every member of the workshop and making them feel like a valued participant. He dealt with problems or situations with aplomb and gentleness. Probably the best facilitator I have had for an extended workshop.
- Excellent, knowledgeable, and gentle guidance.
- Enthusiastic and knowledgeable of the material. He has hands-on experience in the classroom.
- Extremely warm and friendly-very helpful!
- Super helpful, really nice.
- Ken is a great saint of a man!
- Ken will be greatly missed! His personable character makes learning a bit difficult.
- Very knowledgeable and very “laid back”
- His continued excitement for teaching is an inspiration.
- You are also so special-the reality of application of science and the Food Supply is now possibly because of you!
- Nice all around guy.

Workshop Facilitator Assistants (Brad Staats, Elena Stowell)

- Thanks also to Elana and Brad (social director) for their support and help.
- Thanks Brad for the planning of outings!

Overall Evaluation Questions

Other comments about any aspects of the workshop

- Tuesday [lab day] makes for a long day. Maybe start some labs in the morning while making the agar (especially since we use many of their plates anyway).
- It really surprised me that several teachers, participants didn’t follow the rules that were expected.
- Most supportive for our success built the foundation for our continued success
- Good balance of activities.
- Brad’s plans for evenings really allowed us to network and build lasting relationships and nice to meet back together in Nashville
- Nice cross section of people
- More water to drink-we got dehydrated. That is my only suggestion.
- Need more water available
- The workshop was extremely informative. The labs could easily be used in the F&CS classes.
- Would highly recommend this workshop.
- An experience beyond my expectations. I am so glad I was given this opportunity.

- This was one of the best workshops I have been to...my suggestions below are not major concerns.
- I thoroughly enjoyed this and have learned a lot. I am pumped and ready to go back and teach and experiment.
- Great and diverse activities. Pace was good!
- What a wonderful opportunity! I learned so much and can hardly wait to share my knowledge with my colleagues and in my classroom. I am so grateful to have been chosen as a participant. This was such a valuable experience and I appreciate the interdisciplinary inclusion.
- I'm excited about having such wonderful resources to use in m classroom.
- I would like to see more correlation between the materials presented by FDA/USDA and the science curriculum, and where it is interjected in the course.
- Well done.
- Very much info and not enough time. More discussion within our group would be helpful.
- We could use more scheduled time for interaction and planning or group presentation.
- Day 1-instead of outlining the labs, run through them together highlighting key points and procedures.
- Labs needed to be organized a bit better. Needed an introduction of the objectives, clearly stated. Go over skills, some folks were lost.

Follow Up: Curriculum Implementation/Local Workshop Planning. What expectations do you have regarding follow-up on line support?

- Web support. Money for equipment
- Sharing proposals-ideas. Sharing ideas with other participants
- Only communication concerning obtaining supplies
- Someone to answer questions
- A listserv where we can share ideas and ask questions.
- I hope you will be there to answer questions as I implement this curriculum.
- I have no doubt that people we have met will respond to any questions.
- Just keep in constant touch!
- I would really like the PowerPoint presentations we saw this week.
- An email sent to all participants so it is easy to reply to all.
- Email availability to answer our questions which it sounds like we will have.
- I have done some networking within the group, speakers, and facilitators and I expect the support will continue.
- Lots of emails/reminders of what and when to do stuff
- Didn't know there was any-we need email addresses.
- To communicate with others from workshops and questions answered by FDA/USDA folks.
- I hope to have all pertinent information prior to the follow-up so that I am able to plan accordingly.
- Hopefully, we will get email addresses for some of the people? Also would like to know how to get latest findings/studies in the field.
- Sharing of plans and budgets.

- Would like to see others' plans posted and online as they are submitted.
- Support, interaction, integration, experience sharing.
- Any updates to pass on.
- Ideas, communication.

What else do you need from FDA/NSTA in order to implement the curriculum?

- None-except money for lab supplies
- Lifeline-availability of the professionals to share, care and guide.
- How to submit the request for \$ (the \$750)
- Pictures from our workshop
- I need to plan how/what I want to present and then I'll know what supplies to order
- I am hoping to have the materials prior to teaching the lesson. A timeline will suffice as well.
- Supplies to do it in my classroom.
- Could we see some examples of what others have done?
- Money for supplies such as agar/plates/test tubes/pressure cooker/extra microwave, etc. I will contact the above organizations with any questions/suggestions/ideas for food labs and food science labs.
- How to secure funding for supplies. Provide connections to speakers, researchers, etc. Brochures for workshops and modules-time to allow for shipping, etc.
- Just the expectations which we will get today!
- The \$750 for workshop supplies this fall (so I can use it for class & the workshop).
- Perhaps a "master list" of materials to order for the labs?
- A handout of contact information & free materials that can be given to participants
- Some seed money to buy supplies for the workshops.
- Updates to keep current.
- Images that can be used in classrooms
- Buying workshop supplies first will help with classroom implementation
- Appears to be under control at this point.

What do you need before we gather in Nashville, Tennessee to begin your plans for conducting your workshop?

- Want to use it in the classroom before conducting the workshop so I will need to obtain equipment, etc.
- Would have preferred later date. Not implementing curriculum until the spring.
- I would like to order materials for workshops as soon as possible.
- What do we need to do to implement our workshop? A checklist to make sure we cover everything we need to do to fulfill our obligations.
- Some ideas of what has been previously done
- Timeline for what we'll be doing there.
- Travel plans?
- Resources to implement trials and into to program
- More info on getting material

- Time, which you can't give me.
- I would like to have the necessary materials on-hand to complete the food science activities.
- Itinerary. Outline of what is expected. Schedule of classes.
- Detailed agenda ahead of time.
- I need more info about the best way to order supplies and also suggestions about how to network with other "science teachers" in our district to either jointly implement or make these labs more meaningful for students.

What suggestions do you have for the Nashville, Tennessee FDA/NSTA Sessions?

- Teacher discussion time-maybe a bit more background info. I wish we could meet at the NSTA conference a year later, then we could present a teacher workshop before we meet back.
- A planned program
- Yes, time to plan.
- Time for best practices/share, share plans for implementation
- Best practices discussion, plan sharing
- Make sure we have the opportunity to network formally and discuss our experiences and future plans.
- Afternoon breaks serve more water and diet drinks.
- Water. I'm looking forward to working together again.
- To share how everybody has applied the information.
- Let's talk about implementation and new information in the field.
- Can we get one copy of a study (a journal article that one of the speakers did?), so we can give them to our students? They are difficult to get without paying for!
- Have participants (attendees) to your sessions, do hands-on activities-one or 2 short ones. Have a middle school session separate from the high school session.
- Make sure we have the opportunity to network and formally discuss our experiences and future plans.
- Can we go to any of the conferences?
- Time to discuss how the curriculum worked. Ask people to bring related resources they've found to be helpful.
- If we change assignments, please let us know ahead of time so we may be prepared.
- Short (1-2 hours) and focused!
- Include more networking time in the formal agenda.
- To share how everybody has applied the information.
- Planning time-sharing time.
- Sharing sessions for curriculum implementation. Copies of materials utilized by other teachers. Workshop on how to implement our workshops.

What, if any, changes would you make to improve the program?

- Rewrite the labs-I understand the reasons for having students design the labs-but a set (could be a teacher's edition or another booklet) of real procedures are needed-or at least a flow chart-or a film?
- Have scheduled afternoon breaks. Try to keep on schedule. Cooler on the bus for water. This workshop week has been the best opportunity I have ever had in my teaching career. I feel energized and ready to implement these labs. I will be producing PowerPoint's of each talk/visit for my students and the participants of my workshop.
- Time to plan with my group
- Need a tier II workshop so we can learn even more!
- Lots of bus ride time...any way to change that or fill up the time with the videos?
- You couldn't have picked a nicer group of people! I truly had a wonderful time in DC!
- Water. It was the BEST I have ever participated in, by far. You all did a terrific job! Thank you so much and I hope to be able to work together again in some fashion.
- Schedule was a bit hectic. Try and make sure all days end on time.
- Maybe one afternoon for sightseeing? Thanks for organizing evening stuff for us to do!! Would love to help out in the future if needed. Catherine Ryan.
- Just to provide more info in advance in terms of what our days will be like, map of DC, and subjects in science that we ought to be familiar with and provide article and/or websites to refer to in advance! This would make each speaker and filed trip more meaningful.
- All activities and presenters were valuable. Pacing was not smooth-wither rushing through or killing time. Don't think we really needed the "12 most wanted" activity. There was not really time to work on it and no one wanted to give up their evenings for it. Presenting on the last day when everyone is in 'debrief mode' is anticlimactic. These are just little nit picks-overall excellent program.
- School session. More team building time-rotate people from group to group for more interaction.
- This is such a good program already. Maybe split up an all day speaker day with some activities (logistics may get in the way here). Thank you for all that the team has done this week.
- Maybe lengthen the time spent in labs. Less sitting and listening to speakers for hours. A low-level intro discussion of microbes.
- Change our hotel.
- None-good stuff, everyone!
- If the intent is for the program to end earlier than on the Saturday agenda, please have the agenda reflect that change, so that a more appropriate flight could have been chosen. It is



very gracious to extend the hotel stay another night, but not everyone unfortunately, could take advantage of that option. Thank you for a terrific educational workshop.

- Please have a few more short breaks during the day. Maybe reduce the amount of information covered.
- I would like to see more connections to existing legislation. School wellness program that will be implemented in June 2006.
- It is very well done-continue the program.
- More hands-on activities we can use with students.
- More time to work on our bacteria presentations. More detailed lab procedures or teacher information. Student friendly procedures. Family & consumer science teachers do not have strong science students.
- One of the greatest aspects of the program was seeing science in action. If indeed we need more scientists- the program should consider having teachers bring along a student. Prospective students would greatly benefit from seeing/experiencing all the various opportunities available with various degrees.