The Teen Brain: A Work in Progress  
**Presenter: Annette Haas, University of Wisconsin-Extension**

While 95% of the human brain has developed by the age of six, it is now known that a young person’s brain experiences a growth spurt around adolescence and is not fully developed until well into the 20s. The still-developing brain has a great effect on a teen’s behavior, from the disorganization of the frontal cortex to the emotional reactions from the amygdala to the cerebellum’s lack of coordination. As adults who work with young people (ages 10 and older), it’s important to understand these brain changes, the resulting behaviors and the implications for providing supportive, safe, and meaningful experiences and opportunities.

Quality Matters: In Chocolate and 4-H Programs  
**Presenter: Brenda Shafer, University of Minnesota**

Quality matters when it comes to youth programs. In fact research has found that poor quality youth programs are not neutral but rather can have a negative effect on participants. Fortunately, there is a growing body of evidence revealing what ”Quality” looks like, why young people in quality programs rate their experiences more positively and stay engaged longer, and how staff and volunteers can ensure they are offering experiences that truly engage young people. In addition to sharing research findings, participants in this session will identify elements of quality existing or lacking in their own clubs or groups and consider how they can improve quality to ensure positive outcomes for young people. Chocolate provided!

Keeping Your Cool While Working with Youth  
**Presenters: Pat McGlaughlin and Sheri Seibold, University of Illinois**

4-H volunteers bring their own skills and experiences in working with youth. When dealing with behavior management, there are many different ways that leaders can plan for and respond to situations to encourage cooperation within a group. A successful, cooperative group meeting is due in great part to proper planning. It also means taking an interest in and using positive behaviors to build relationships with youth. Participants will explore various, useful techniques that can be used when working with youth. Youth want to belong to a group and be valued for their contributions. Participants will learn how to create an environment where the essential elements of positive youth development are met.

Reducing the Risks of 4-H Club Meetings  
**Presenter: Vicki Schwartz, Ohio State University**

The learning environment of the 4-H club meeting is filled with challenges and risks. Is there adequate adult supervision? How are the members behaving today? Is the facility still a safe location? How do I prepare for 4-H club field trips and service activities? These are all valid questions that, when considered carefully, can help 4-H leaders prepare for the many “What ifs?” that could potentially happen.

This session will focus on risk management as a process to help 4-H leaders prepare for meetings, and to be able to respond to the unexpected challenges that arise in spite of the best plans. Participants will identify potential risks, will determine what risks can be managed, will acquire resources for those decisions, and will conclude that some risks are too great and must be avoided.
Get Connected in Your 4-H World  

Presenter: Rachelle Vettern, North Dakota State University

As a 4-H Volunteer you have the world of 4-H resources at your fingertips. This session will assist you in locating new 4-H curriculum and tools that are available on the National 4-H web site, multiple states' 4-H web sites and through social networking sites such as facebook and Ning. Being linked in to the electronic resources that are available will make running your club easier and more efficient.

4-H Science  

Presenter: Dixie Sandborn, Michigan State University

Science is everywhere! Through inquiry-based learning along with hand-on activities and experiments, 4-H Science Curriculum can enhance science learning. From animals to wind, from plants to robotics, 4-H Science encourages kids to understand the world around them while learning by doing.

Community Service Learning  

Presenter: Steve McKinley, Purdue University

4-H has long been known for its efforts to give back to the community. The Citizenship National 4-H Mission Mandate has served to reinforce and uplift these efforts as a critical part of the 4-H experience. During this session, participants will identify similarities and differences between community service and service-learning opportunities and identify steps that can be taken to help 4-H members achieve even greater benefits from serving their communities.

Time will be provided for participants to exchange ideas on successful community service opportunities that their 4-H Clubs have completed. Resources will also be provided to volunteers and staff that they can share with 4-H members to more effectively plan and implement service opportunities.