



Eastern District Innovative Grant Program

Calendar Year 2009 Application Form

Completed application form should not exceed (3) pages, using a minimum font size of Arial 11 point, retain form formatting, and no less than 1-inch margins. Submit completed application electronically to karen.smiley@ces.uwex.edu, and fax signature page (if electronic signature not available), by **April 7, 2009.**

Project must be completed by December 31, 2009, unless prior approval received for extended timeline.

1. **Project Title:** SET Project Resources and Volunteer Training to Reach New Audiences
2. **Funding Requested:** \$5,000
3. **Project Lead/Grant Applicant (Name & County):** Judy Wolniakowski, Brown County
a) **Project Collaborator(s) (if applicable):** Brown County 4-H Leaders Association

4. **Signature:** 
Grant Applicant/Lead

5. Project Description

- a) Situation Statement (Describe how this relates to the UWEX strategic plan and/or your plan of work), and outline the following criteria that relate to your project.
 - i) Fosters teamwork and collaboration with other agencies, campuses, or colleagues
 - ii) Incorporates the use of other funders
 - iii) Includes a new program direction that may be replicated
 - iv) Focuses on reaching new audiences
 - v) Exposes potential employees to UWEX

The United States is falling dangerously behind other nations in developing its future workforce of scientists, engineers, and technology experts. The Science, Engineering, and Technology (SET) National 4-H Initiative is 4-H Youth Development program's response to improving human capacity and workforce abilities in these three areas.

On the local level Project Lead the Way (PLTW) helps prepare middle and high school students for careers in science, engineering, and technology but little is being done to help younger youth develop scientific skills, especially those who live in low income neighborhoods. Census data shows that the highest percentage of low income families in Brown County live in downtown Green Bay neighborhoods, yet none of the 17 4-H clubs in the county are located in the city of Green Bay.

This project would expand programming efforts to reach underserved youth in the city of Green Bay by developing new clubs and/or educational events that focus on Science, Engineering, and Technology (SET) projects and activities. This would be a new program direction for the Brown County 4-H Youth Development program.

A year-long project coordinator would be hired to provide leadership in establishing these new 4-H clubs in low income neighborhoods, recruiting new volunteers, and adapting or developing educational activities and curriculum. This person would work under the supervision of the Brown County 4-H Youth Development Educator and in cooperation with Deb Ivey, 4-H Project Lead the Way Coordinator, Green Bay PLTW Teachers, and Brown County 4-H Leaders.

- b) Project Objectives/Expected Outcomes (include plan for sharing results with colleagues and show how project had a net economic impact on the community)

The objectives of the project are to:

- Establish new 4-H clubs and educational events in low income neighborhoods within the city of Green Bay, WI focusing on the Science, Engineering, and Technology (SET) National 4-H Initiative.
- Recruit adult volunteers within these low income neighborhoods to work with youth enrolled in these new 4-H clubs.
- Provide training for adult volunteers to help them develop leadership skills and the confidence needed to sustain these clubs in the future.
- Develop educational resources to support SET activities, youth, and volunteers.

The expected outcomes include:

- Low income youth will develop life skills and scientific thinking through participation in SET activities.
- New volunteers will develop their leadership skills through training and experience as a volunteer leader.
- Resources developed for use with 4-H youth involved in SET activities.

Project results will be shared with colleagues and others through poster displays, presentations, and annual reports.

- c) Project Timeline (include planned responses/activities)

May - July 2009

- Develop job description for project coordinator.
- Advertise, hire, and train project coordinator.
- Develop plan for establishing new clubs and SET events.

August 2009 – April 2010

- Identify, adapt, and/or develop SET curriculum/resources.
- Recruit new members and volunteers from low income neighborhoods.
- Conduct volunteer leadership training.
- Establish new clubs/events focusing on SET.
- Conduct SET activities and events.

May 2010

- Evaluate SET program efforts.
- Report results and provide recommendations for future.

- d) Evaluation Plan

- Participants will complete pre- and post-assessments, surveys, and questionnaires designed to evaluate their level of scientific thinking and life skills.
- Follow-up assessments will be done to determine if any behavior changes or thought processes have occurred as a result of their participation in SET.
- Number of new 4-H clubs that continue.
- Number of new volunteer leaders who learn skills through 4-H that help them improve their quality of life (manage their home/family better, deal with situations more appropriately/positively, etc.)

6. Detailed budget breakdown (specifying the amount and purpose of funds requested from District Resource Management funds, and clarifying the source and amounts from other funds):

Amount Requested For This Grant		\$5000.00
SET Project Coordinator (salary and benefits)	\$2,000.00	
Teaching Resources <ul style="list-style-type: none"> • Equipment and supplies to develop resource kits for SET educational activities in archery, computer, electricity, geospatial, robotics, science, etc. • Curriculum and project reference materials • Technology hardware and software 	\$2,500.00	
Program Supplies <ul style="list-style-type: none"> • Binders, copy paper, index cards, labels, markers, name tags, pencils, poster board, electronic media, etc. 	\$500.00	
Funds From Other Sources		
Brown County 4-H Leaders Association: Leader Training for SET volunteers	\$250.00	
Total Cost of Project		\$5,250.00

7. If you have received Resource Management funds, in the past, include the following information for all funded projects (if you have a number of past projects, this can be a separate (4th) page):

- Briefly describe your past experiences with resource management grants – project focus, funding received, project collaborators
- How is this project proposal new or different?

I have not received any Eastern District Resource Management funds in the past.