

**U.S. Army Corps of Engineers
2009 Handshake Program Application**

Eligibility checklist to qualify per ER 1130-2-500, Chapter 12.

1. Is the seed money going to be spent at Corps facilities and resources that are being maintained by the Corps at 100% expense on the day the agreement is signed? **Yes** **No**
2. Is the agreement with a non-federal public or private entity(ies)? **Yes** **No**
3. Is the proposed activity within current authorities and contained in the annual or 5-year work plan in the approved OMP? **Yes** **No**
4. If no, when will the OMP be updated and approved? (example: Feb 09)

If the answer to either question 1 or 2 is No, the proposal cannot be authorized under the Corps Challenge Partnership program. If the answered to question 3 is No, and the date provided in the answer to question 4 would come after the commencement of the proposed challenge partnership, the activity cannot be considered under this program. Reference application instructions for further clarification.

Highlight a box and press F1 if you need online help to complete any item.

Corps Lake/Project Name: **Dannelly Reservoir, Alabama River Lakes**

Handshake Proposal Title: **Butterflies For The Black Belt**

Corps POC Name: **Kimberly Turner-Hawkins**

Street Address: 1226 Powerhouse Road

City, state and zip code: **Camden, AL 36726**

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Fax: **(334) 682 - 4246**

E-Mail: **kimberly.d.turner-**

hawkins@usace.army.mil

Partner Organization 1: Auburn University Environmental Institute (AUEI)

Partner Authorized Official: Kay Stone

Phone: (334) 844 - 4132 ext.

Partner Organization 2:

Partner Authorized Official:

Phone: () - ext.

Partner Organization 3:

Partner Authorized Official:

Phone: () - ext.

Categorize Use: (may check more than one)

Interpretation/Environmental Education

Water Safety

Trails

Natural Resources Management

Special Event

Recreation Facilities

Visitor Center

Accessibility Other/ Miscellaneous

Handshake Funding Amount Requested (\$10,000 Limit): \$10,000

Description of the Handshake partnership and the project to be accomplished:

The Millers Ferry Ranger Staff are in the preliminary stages of planning an educational/interpretive butterfly garden site at the USACE Millers Ferry Resource Office, located on the Alabama River in Wilcox County, Alabama. The Millers Ferry Ranger Staff has met with Auburn University's Environmental Institute to develop a partnership in this area. The U.S. Army Corps of Engineers (USACE) will partner with Auburn University's Environmental Institute (AUEI) to design and build two butterfly gardens for public enjoyment and education at the USACE facility on the Alabama River at Millers Ferry. The gardens will be designed to offer both nectar and host plants for butterfly species common to central Alabama. These gardens will consist of native wildflowers, benches for observation and relaxation and educational information presented in the form of field guides, brochures and an interpretive kiosk. Field guides, brochures and the interpretive kiosk will be developed and/or purchased to educate visitors on both the plants and butterflies that may be seen at the gardens. The two gardens will total approximately 2,500 square feet. The objectives of this project are to enhance the aesthetics of USACE property while offering an educational opportunity for schools, families and the community at-large by building and planting the butterfly gardens. The Wilcox County citizens and Corps visitors will benefit from the project on three levels. First, they will have an aesthetically pleasing place to visit while at the Millers Ferry Resource Office. Second, the gardens will provide an education tool for school groups as well as general visitors as the brochures and signs will offer details on the plant and butterfly species. Finally, the gardens will serve as demonstrations for other butterfly gardens and the necessary components for making a successful habitat.

AUEI will embark on designing the two gardens, using native wildflowers and other nectar producing plants, that will provide nourishment and shelter for all phases of a butterfly's life. Upon completion of the final plan, USACE will initiate the construction phase by preparing the site and purchasing plant and other materials needed to build the gardens.

AUEI will host environmental educational programs, through Auburn University's Black Belt Environmental Science and Arts Program (BBESAP), to local schools. This program will allow predominantly minority and often under-served schools in Alabama's rural counties the opportunity for community involvement, environmental education, and the opportunity to take part in a rewarding/enriching outdoor learning experience.

The next phase of Butterflies for the Black Belt is to develop brochures and the interpretive kiosk that will be placed at the gardens to provide an educational component to the project. The informational brochures and interpretive kiosk will offer visitors an opportunity to learn more about the native plants and butterflies they observe. AUEI will submit brochure designs and kiosk designs. USACE will initiate the construction phase. Books such as field guides used as research materials will be kept at the USACE office for future educational activities.

Butterflies for the Black Belt Project will commence upon securing Handshake funding. AUEI will be using funding from the GreenWorks! Grant. The total amount of the grant is \$3150.00.

(1) Sustainability - What is the life span of the project and the benefit to the Corps? The life span of the project would be of indefinite duration, if properly maintained. The benefit to the Corps would be educational outreach for natural resource management.

(2) Partnership value - What is the significance of the partner's contribution to the project? AUEI will provide additional funding through the GreenWorks! Grant. They will sponsor environmental education programs on butterflies, provide designs for the gardens, brochures, and the interpretive kiosk.

(3) Environmental Stewardship Value - Does the project contribute to the physical improvement of the natural resources? Yes. It will provide native wildflowers and a non-game wildlife viewing area, while enhancing the aesthetics of the Resource Office/Visitor Center Area.

(4) Communication and Education Value - Does the project increase public understanding of the Corps and its mission through interpretation, education and public information? Yes. This project is an interpretive, environmental education venture supporting natural resource management. This project will convey the Corps "Environmental Operating Principles" mission.

(5) Recreational Benefit - Does the project improve the recreational experience for multiple user types? Yes. This project will be located next to the Resource Office/Visitor Center, the gardens will welcome the Corps visitors as they come by, enhancing their view of the USACE property. This project can be used for educational programs for schools and many other general recreational activities such as photography.

(6) Innovativeness of the partnership or the end result - Are other organizations doing this kind of project? How is this project important and unique?

There are many public and private organizations that have butterfly gardens. Butterflies for the Black Belt is unique because I don't know of any Corps projects that have educational butterfly gardens. This is an effective way to educate the general public on the importance of environmental education and natural resource management, especially in Alabama's predominantly minority rural counties.

The Corps will:

The Government, (U.S. Army Corps of Engineers), shall provide materials, tools, equipment, and labor to install the two butterfly gardens, kiosk and interpretive panels.

The Government, (U.S. Army Corps of Engineers), will provide ongoing maintenance to the gardens, kiosk and interpretive panels.

The Government, (U.S. Army Corps of Engineers), will approve the final plans for the butterfly gardens, brochures, interpretive panels and kiosk design.

The Government, (U.S. Army Corps of Engineers), and AUEI shall present educational butterfly and natural resource presentations to local school children.

The Partner(s) will:

The Partner, Auburn University's Environmental Institute, will provide additional funding through the GreenWorks! Grant in the amount of \$3,150.00. This grant has been approved.

The Partner, Auburn University's Environmental Institute, shall provide designs for the two gardens, brochures and interpretive panels for kiosk.

The Partner, Auburn University's Environmental Institute, will purchase field guides and other research books on butterflies and habitat.

The Partner, Auburn University's Environmental Institute, and USACE shall present educational butterfly and natural resource presentations to local school children.

Challenge Partnership Financial Work Sheet

Corps Project Name: Millers Ferry Resource Office, Dannelly Reservoir, Alabama River Lakes

Work Project Title: Butterflies For The Black Belt

POC Name: Kimberly Turner-Hawkins

Address: 1226 Powerhouse Road City: Camden State: AL Zip Code: 36726

Telephone: 3346824244

Location on Project: Millers Ferry Resource Office

Partner Organization 1: Auburn University Environmental Institute

POC Name: Kay Stone

Address: 1090 South Donahue Drive City: Auburn State: AL Zip Code: 36849

Telephone: 3348444132

Partner Organization 2:

POC Name:

Address: City: State: Zip Code:

Telephone:

Partner Organization 3:

POC Name:

Address: City: State: Zip Code:

Telephone:

Proposed start date of work: Oct-08

Simple description of work to be accomplished through the partnership: Funding will be used to purchase materials and supplies for the garden including site preparation materials, native butterfly plants, benches, interpretive panels and kiosk. This partnership will help build an educational/interpretive butterfly garden site at the USACE Millers Ferry Resource Office/Visitor Center.

Double click on spreadsheet to access data entry fields:

	Local Corps Office	Handshake Funds	Partner 1	Partner 2	Partner 3	Total
Salaries	\$3,539	N/A	\$0	\$0	\$0	\$3,539
Travel	\$0	N/A	\$0	\$0	\$0	\$0
Materials and Supplies	\$8,928	\$10,000	\$0	\$0	\$0	\$18,928
Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0
Funds Contributed	N/A	N/A	\$0	\$0	\$0	\$0
Personal Property	N/A	N/A	\$1,444	\$0	\$0	\$1,444
Volunteer Efforts	N/A	N/A	\$1,561	\$0	\$0	\$1,561
In-Kind Services	N/A	N/A	\$6,890	\$0	\$0	\$6,890
Other (explain below)	\$0	\$0	\$0	\$0	\$0	\$0
Total	\$12,467	\$10,000	\$9,895	\$0	\$0	\$32,362
Share of Total Cost	38.5%	30.9%	30.6%	0.0%	0.0%	100%

Explanations:

Attachment: Proposed Overview of Butterflies for the Black Belt Project.

