



Want to go on an African Research Safari?

The Global Sustainability Project

Sponsored by the PICERNE FAMILY FOUNDATION

Newport Beach, California

The Picerne Family Foundation is sponsoring the *Global Sustainability Project (GSP)* in collaboration with the Advanced Placement Environmental Studies class at Carlsbad High School and the Earthwatch Institute. The Picerne Foundation will provide scholarships for up to ten Carlsbad High School students to participate in a teen research expedition to South Africa in August 2018. The goal of the GSP is: (1) to broaden students' understanding of other cultures; and (2) to increase their knowledge and awareness of local and global ecological concerns via scientific study. To accomplish this, students will spend 12 days on a wildlife reserve in South Africa engaging with their peers and the local community as well as aiding research scientists studying ecological sustainability among Africa's wildlife.

To participate you must be enrolled in an Advanced Placement or Honors course in any subject during your junior year and have a minimum overall 3.0 GPA. To enrich the experience, students will spend time during the 2017-18 school year meeting with Mr. Muilenburg after school to learn more about the ecology, culture, and history of South Africa. Students will also be required to volunteer 40 hours working in an ecological nonprofit or conservancy. The capstone for the study preparation and local volunteer activity will be an expense paid trip to South Africa's Mankwe Wildlife Reserve and Pilanesberg National Park for 12 days of fieldwork with Earthwatch scientists. Students will be participating in a **CHS student-only** expedition accompanied by Mr. Muilenburg.

Scholarships from the Foundation will cover airfare and the cost of the expedition. Students will be responsible for obtaining a passport, inoculations, gear and clothing for the expedition. Financial assistance will be available for students unable to meet all of these expenses.

For more information about the Earthwatch Institute and the Conserving Endangered Rhinos in South Africa teen team, go to www.earthwatch.org. To learn more about the Picerne Family Foundation, the organizers and sponsors of the Global Sustainability Project, visit www.picernefoundation.org. For specific questions about the Global Sustainability Project at Carlsbad High, contact Mr. Tod Muilenburg in his classroom at Carlsbad High School or Mr. Victor Nelson, Executive Director of the Picerne Family Foundation, at 949-267-1517.

Academic Commitment

Research & Presentation: Students will meet regularly after school with Mr. Muilenburg to learn more about South African culture, history, geography, animals, plants and birds. Students will create an informative interactive electronic presentation on their research that they will present to foundation members, parents and peers.

Community Sustainability Project: Students will be required to contribute 40 hours working on a local sustainability project at a community based non-profit whose primary mission is ecological sustainability. Students will be required to journalize, document and present research findings to Foundation members, parents, peers and community members upon the completion of the project.

Time Commitment

Students are expected to make GSP a top priority. Participation in the GSP requires a significant investment of time during the junior year. Students should anticipate spending a number of hours on GSP in addition to their normal academic requirements. Specifically, students will:

- Meet after school as a group with Mr. Muilenburg as needed. The meetings should last an average of 90 minutes. The meetings will be devoted to expedition preparation, research, presentations and field trips.
- Complete and submit on time all required travel documents, inoculation requirements, passport application, etc.

Application Process

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| May 2017 | • Foundation GSP Announced in Classrooms |
| Thursday, June 1, 2017 at 7:30pm CHS in the ASB room #5004 | • Parent & Student Information Session |
| Friday, October 6, 2017 at 3:00pm | • Student Written Applications Due |
| Wednesday, November 1, 2017 | • Foundation Finalist Interviews |
| Friday, November 3, 2017 | • GSP Candidates Announced |
| Thursday, November 9 at 7:30pm | • Orientation Meeting with Parents and Participants |