3D NATURALIST
CITIZEN SCIENCE AND BIOBLITZ RESEARCH EXPERIENCE
SPRING 2016
COLORADO STATE UNIVERSITY

INTERESTED IN SUSTAINABILITY, NATIONAL PARKS AND CITIZEN SCIENCE?

3dNaturalists is a National Science Foundation funded internship program providing undergraduate students research experience working with citizen science data collection tools and research as a part of the upcoming National Parks BioBlitzes. As the National Park Service (NPS) celebrates its 100th birthday in 2016, a national BioBlitz effort will take place at multiple parks on May 20-21. BioBlitzes are 24-hour sprint efforts to gain a snapshot of the rich biological diversity in our national parks. We are looking for student leaders and team participants interested in sustainability science, ecological data collecting and interacting with the public and multicultural communities. Students will work in small teams from multiple universities and will work with National Park Service (NPS) staff.

WHAT: Two unique opportunities to work with the National Parks BioBlitz and citizen science as interns with Colorado State University (CSU) and its partners:
A. Student Team Leader: Team leaders will participate in an intensive spring break training at Bandelier National Monument from March 14-19 2016 in preparation for the Centennial National Parks BioBlitzes taking place May 20-21 2016. Up to 10 Student Team Leaders will receive a small stipend of up to $1000 for the completion of the final data reports post-BioBlitz. Students applying for the leadership positions must be able to participate in BOTH the March training as well as the May BioBlitz activities.
B. BioBlitz Team Participant: BioBlitz team participants will work as a team member with the team leader during the May BioBlitzes taking place at several different National Parks (Cuyahoga, Bandelier, First State and others) across the country all on May 20-21, 2016. Three to five student teams (4-8 students per team) will work with scientists and park staff collecting citizen science data on pollinators and their allies. Some student teams will work directly with local communities. Travel expenses for Team participants will be covered.

For more information on the National Parks BioBlitzes 2016 (http://www.nature.nps.gov/biology/biodiversity/BioBlitz2016.cfm).
C. Students completing the BioBlitz projects will have the opportunity to apply to participate in The Rocky Mountain Sustainability and Science Network (RMSSN) Academy in Yellowstone National Park May 24 -31. All expenses paid.

**WHO:** Undergraduate and graduate students interested in interdisciplinary science, team collaborations, sustainability, taxonomy and related fields, RMSSN alumni

**WHEN:** BIOBLITZ LEADERSHIP TRAINING March 14 – 19
BIOBLITZ TEAMS (Participants and leaders) May 18-22

**DETAILS:** Students will work in collaborative teams in preparation for the Centennial BioBlitzes and will participate at selected showcase BioBlitzes as a team. The interns will be expected to maintain communication with their teams throughout the spring semester preparing for the BioBlitzes and commit to 1-4 hours of work per week leading up to the National Parks BioBlitz in May. All work can be done virtually and includes webinars, online discussions and ethics training.

**BENEFITS:** Students will gain valuable and authentic research experience by participating in one of the largest citizen science data collection projects on biodiversity to be held in US National Parks! Students will 1) learn how to conduct surveys and interviews, 2) gain skills in citizen science, taxonomy, data analysis, database management, GIS, community engagement and 3) network with professional NPS staff as well as faculty from multiple institutions. Internship credit may be available through CSU.

**APPLICATIONS/DEADLINES:** Please send a short resume and one-page cover letter addressing interests and career goals in sustainability, leadership, multicultural communities and National Parks to Gbowser@colostate.edu. Please indicate 3dNaturalist Applicant in the subject line. Please indicate which position you are applying for. All students in sustainability related fields are encouraged to apply. All park locations are ADA compliant.

**FEBRUARY 29 (Student Team Leaders)**
**MARCH 15th (BioBlitz Team Participants)**