



## **One Tam Community Science Fellow**

***This is a one-year paid fellowship program that supports One Tam Community Science, with a special emphasis on insect conservation. This fellowship is expected to run from May 2022 to May 2023.***

### **Organization Description:**

The Golden Gate National Parks Conservancy is the nonprofit partner of the National Park Service overseeing the Golden Gate National Recreation Area — 84,000 acres of national parkland spanning the San Francisco Bay Area, including Muir Woods, Ocean Beach, Crissy Field, and Alcatraz Island. The Parks Conservancy is a membership organization created to preserve the Golden Gate National Parks, enhance the experiences of park visitors, and build a community dedicated to conserving the parks for the future.

With our local and federal partners, the Parks Conservancy is committed to the work of supporting Bay Area national parks as places where we can further racial and social justice for our community and climate resilience for these protected lands.

### **Department Description:**

The Parks Conservancy's Conservation and Community Science (CCS) department supports the climate adaptive work of the Parks Conservancy, National Park Service, and agency partners by engaging our local communities and regional conservation practitioners in efforts that address the information needs of park scientists. We develop and carry out conservation science studies designed to fill critical data gaps, spark curiosity, and engage a more diverse cross-section of Bay Area residents to understand how to improve the climate resilience of our parks as temperatures and seas rise. We work to demystify the scientific process by building bridges between community members, land managers and practicing scientists. We also work to rectify historic injustices built into the practice of science by expanding our collective understanding of what it means to "do science" and by re-connecting with non-institutional ways of understanding our relationship to the natural world.

CCS is comprised of three teams, One Tam Community Science, One Tam Conservation Management, and the Golden Gate Raptor Observatory.

One Tam is a partnership between the National Park Service, California State Parks, Marin County Parks, Marin Municipal Water District, and the Golden Gate National

Parks Conservancy. One Tam offers on-going collaborative landscape-scale conservation science and management. We work collaboratively across agency boundaries to collect and analyze ecological data to support the long-term resiliency of Mount Tamalpais.

One Tam Community Science offers public engagement opportunities that range in complexity and commitment. Annual events like City Nature Challenge and California Biodiversity Day, provide brief, family-friendly opportunities for nature exploration in local neighborhoods and our parks. Ongoing programs such as Marin Wildlife Watch build community capacity for species identification, contribute data to regional and global conservation projects, and build scientific literacy. The Tamalpais Bee Lab provides further opportunities to develop technical competency and professional skills.

### **Position Overview:**

This is a one-year paid fellowship program that supports One Tam Community Science, with a special emphasis on insect conservation. This fellowship is expected to run from May 2022 to May 2023.

The One Tam Community Science Fellow will provide field, office, lab, and volunteer program support to various focus areas of One Tam Community Science. The fellow will primarily support the bee inventory, Tamalpais Bee Lab and monarch butterfly conservation efforts. They will also support to Marin Wildlife Watch and bioblitz programs, as needed. Support includes assisting with volunteer events and outreach, conducting fieldwork on public lands in Marin County, and performing associated lab procedures, data management, and equipment maintenance.

### **Essential Functions and Responsibilities:**

#### Field research

- Drive pickup trucks and other vehicles safely on fire roads, surface streets, and remote roads in Marin County
- Collect insect pan traps in the Golden Gate National Recreation and Point Reyes National Seashore on a weekly basis from March-November
- Assist with additional bee netting at select study locations
- Monitor milkweed on public lands in Marin County
- Assist with quarterly camera trap maintenance on public lands in Marin County
- Conduct fieldwork independently with careful adherence to protocols, after trainings are completed

#### Lab, office, and data management

- Wash, dry, sort, label, and properly store insect specimens

- Pin insects and place collections labels
- Assist program managers with bee collections management tasks, as needed
- Assist program managers in insect and bee identification
- Take high resolution macro photos of bee specimens
- Enter and proof data in spreadsheets and databases, such as Calflora, Wildlife Insights, iNaturalist, and more.
- Curate milkweed monitoring data and assist in preparation of management plans and reports to partners
- Assist program managers with camera trap data management
- Assist with quality control checks on data contributed by volunteers
- Work with program manager and operations manager to keep field maps, protocols, and safety documentation up to date

#### Public engagement

- Represents One Tam and other partners to the public in a positive and professional manner. Responds to inquiries from the public in a helpful and friendly manner.

#### Support to Program Managers

- Training Tamalpais Bee Lab volunteers on bee identification, insect pinning, and related natural history and conservation topics
- Transporting, staging, and storing equipment for Tamalpais Bee Lab events
- Developing education and outreach materials for community science and outreach campaigns, with a special focus on monarch butterflies and bees
- Conducting in-person or online events and trainings for Marin Wildlife Watch
- Conducting in-person or online events and trainings for bioblitzes
- Creating content for social media and newsletter

#### General

- Careful adherence to protocols to maintain a safe work environment (e.g., COVID-19, fieldwork communications, lab safety)
- Maintain consistent, timely, professional communication by phone, videoconference, email, and text
- Keep field, lab, and tech equipment in good working condition and proper storage
- Other duties, as assigned

#### **Knowledge, Skills, and Abilities:**

#### General

- A valid California driver's license and clean driving record.
- Detail-oriented and organized- able to accurately transcribe data and keep calendar up to date.
- Ability to write clearly for different audiences
- Ability to follow directions and willing to ask for support as needed
- Conscientious, adaptable, self-starter, quick-learner – able to work independently with little supervision and go with the flow, stay safe, and be creative when unexpected challenges emerge.
- Cares about own safety and the safety of others
- Strong interpersonal and communications skills, in person and through technology- responds to texts and emails in a timely manner
- Strong work ethic and fit to conduct outdoor fieldwork

### Technology

- Strong computer literacy: Microsoft Word and Excel; Zoom; Google Maps

### Public Engagement

- Ability to engage in public speaking and interaction with volunteers
- Desire to work in a team and to work with a diversity of people with different backgrounds, ethnicities, genders, sexualities, ages, and viewpoints.

### **Education and/or Experience:**

- College degree or equivalent experience in ecology, environmental studies, resource management, geography, biology, science education, environmental education or another related field
- Experience working with people in public-facing capacity. For example, has worked with volunteers, in customer service, or teaching.
- Prior experience outdoors

### **Health and Safety:**

It is the policy of the Golden Gate National Parks Conservancy to create and maintain a safe and healthful workplace free from recognized hazards that may cause harm to employees, consistent with and in compliance with applicable state and federal laws. Employees will play an active role in creating a safe and healthy workplace and will comply with all applicable health and safety rules. The Conservancy is committed to the goal of implementing an effective health and safety program and an injury prevention program.

Based on the current state of the COVID-19 pandemic, the Parks Conservancy requires all employees, interns, and independent contractors to be vaccinated and to provide proof of such vaccination as a condition of employment or performing contract work.

**Physical Requirements and Work Environments:**

- Some work is performed outdoors and involves hiking distances up to 10 miles in a day on and off-trail; stooping and kneeling; work may occur in adverse weather conditions and in noxious vegetation including poison oak
- Some work is performed in an office sitting in front of a computer or microscope for prolonged periods
- Some work is primarily performed standing or walking
- Hybrid in-person and remote team, as allowed by duties performed and organizational policies
- This position requires driving to remote sites using fleet vehicles
- Work week is Tuesday-Saturday
  
- Some fieldwork days may exceed 8 hours/day and require early morning start times
- Must be able to lift 25 pounds
- Field work occurs in Marin County with office locations in Fairfax and San Rafael

**Pay Rate and Benefits:** Pay rate starts at \$23.10, depending on qualifications and experience. Comprehensive benefits package includes paid vacation/personal/sick days, free health plans for employee and family (medical/dental/vision), 403(B), Employee Assistance Program, employer-matched commuter Program, employee discounts, and more.

**Anticipated hiring timeline:**

- Deadline Application Date: April 22, 2022 @ 5:00 PM PDT
- Interviews: Week of May 2, 2022
- Anticipated Start Date: May 23, 2022

The above statements are intended to describe the general nature and level of work being performed by people assigned to this classification. They are not to be construed as an exhaustive list of all responsibilities, duties, and skills required of personnel so classified. All employees may be required to perform duties outside of their normal responsibilities from time to time, as needed.

The Golden Gate National Parks Conservancy is an Equal Opportunity Employer. Recruitment, placement and promotions are conducted without regard to an individual's race, color, religion, sex, national origin, age, physical handicap, veteran status or sexual orientation, or any other classification protected by Federal, State, and local laws & ordinances. We will consider qualified candidates with criminal history in a manner consistent with the requirements of the San Francisco Fair Chance Ordinance. All qualified applicants are encouraged to apply.

