

## **BLOOM RESEARCH INCORPORATED CASE STATEMENT - SCIENCE PROGRAM**

Bloom Research Inc. (BRI) is a southern California-based nonprofit corporation dedicated to furthering the understanding and conservation of wildlife and their habitats, specializing in the raptors of the southwestern United States. BRI advances the knowledge of wildlife species and their habitats through the development, implementation, and promotion of innovative scientific research. BRI's original findings are presented in technical reports, scientific publications, and technical guidance documents. We at BRI believe that delivery of applied research and guidance is critical to effective wildlife conservation. We also recognize the importance of education to conservation for inspiring and training future generations of scientists and conservationists. By working with colleges and conservation groups, BRI provides students and the larger public audience with hands-on experience in research and conservation.

### **VISION:**

Diverse and thriving wildlife populations and habitats in the southwestern United States and elsewhere.

### **MISSION:**

The preservation of wildlife species and their habitats through development, implementation, and promotion of scientific research, conservation, and public outreach and education.

### **GOALS:**

- Measure and track declines in and recovery of raptors and other wildlife species by collecting and compiling long-term datasets on raptor and other wildlife population trends in the southwestern United States, Latin America, and elsewhere.
- Determine the effects of climate change on raptors and other wildlife species in the southwestern United States, Latin America, and elsewhere through the development and implementation of rigorous scientific research and population monitoring that will measure and track potential changes in ecology and population parameters in response to changing climatic conditions.
- Support scientific research, wildlife conservation, and public environmental outreach and education by obtaining, utilizing, and awarding long-term, sustainable funding.
- Help wildlife and land management agencies and organizations effectively and efficiently develop and implement conservation for wildlife and their habitats by providing science-based information and decision support tools.
- Educate the public on the intrinsic value of wildlife species and their habitats.
- Educate and train future generations of field biologists, particularly those from underserved communities, in field methods and technologies.
- Ensure that BRI is a source of sound scientific information for both the public and the scientific community through publication of peer-reviewed manuscripts, educational materials, and technical guidance documents.
- Integrate intellectual endeavors of artists, business leaders, scientists, and environmentalists by encouraging dialogue and collaboration among these groups.

### **OBJECTIVES:**

- Obtain funding to support BRI near-term and long-term research and conservation activities.
- Publish a book on diurnal raptors of California.
- Publish a book on nocturnal raptors of California.
- Publish scientific manuscripts in avian, ecological, and biological conservation journals on the effects of weather, climate change, contaminants, and disease on raptor population dynamics.
- Conduct research to determine short and long distance movements in raptors.
- Develop a mentorship program focused on field methods for college undergraduates and post-graduates pursuing degrees in biology, wildlife, and related fields.
- Create partnerships with local Audubon chapters and other environmental groups seeking to learn about and conserve nature.
- Design an educational website to meet the needs and interests of students and the larger public audience.