

BOSQUE SCHOOL



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2017-2018 Crawford Internship

Undergraduate Lab/Field Assistant

with the Bosque Ecosystem Monitoring Program at the University of New Mexico

Application Deadline: 25 August 2017

About the Position

The Bosque Ecosystem Monitoring Program (BEMP) seeks an undergraduate student to intern with our University of New Mexico (UNM) biology staff in support of lab and field work. The 2017- 2018 school year position will involve a variety of tasks including sorting litterfall and identifying arthropods in the lab, as well as participating in several different field data collections. The intern does not need prior experience with litterfall and/or arthropods; in-job training will be provided for these tasks. There is a possibility for the intern to complete and present an undergraduate research project with BEMP for academic credit concurrently with the paid internship.

The intern will be an employee of Bosque School, but will be working primarily at BEMP's UNM office and lab in Castetter Hall. The position is an at-will, hourly position, which extends from 15 September 2017 to 31 May 2018. The Crawford Intern will be paid \$12.50/hour for 10 -19 hours per week. The hours are flexible and will work around the student's school schedule.

Qualifications

Requirements

- Students with a demonstrated interest in the environment from *any* declared (or undeclared) major may apply for this position.
- Applicants should have a strong attention to detail, enjoy hands-on learning, and be an independent worker.
- Applicants must be a UNM student for the full 2017-2018 academic year.
- Ideal candidates will have prior experience with BEMP in either the K-12 or college setting and/or a demonstrated sustained participation over time with citizen science programs.
- Applicants with prior BEMP experience will be given priority.
- Applicants with backgrounds underrepresented in the sciences are welcomed and encouraged.

About the Organization

BEMP is a partnership of Bosque School and UNM's Department of Biology. Research is conducted at 32 monitoring sites within the riparian forest, known locally by its Spanish name 'bosque,' along 560 km (350 miles) of the Rio Grande. Students in grades K-12 participate in monitoring the long-term health of the sites through collecting data on:

- depth to groundwater
- precipitation
- surface-active arthropod activity
- weather data
- measurements of forest production such as:
 - leaf litter biomass/plant productivity
 - tree diameter and growth rates
 - woody and herbaceous plant cover

These data are used by land and natural resource managers to help inform decisions and policy within the bosque. Data are also shared with other researchers and incorporated into larger UNM-sponsored bosque research efforts.

BEMP's mission: Science, education, and stewardship of the Rio Grande and its watershed through long-term, hands-on student research of ecosystem response and function to inform public policy.

Application Materials

Applicants should email the following 3 documents to Kim Fike at: bemp.job@bosqueschool.org.

Deadline for submission of applications is 5pm on 25 August 2017.

- 1. Application** (attached to this advertisement)
- 2. Cover letter** and
- 3. Resume**

Start/End Dates

BEMP prefers the internship to start sometime between 15 September - 15 October 2017 and end 31 May 2018.

Non-Discrimination and Disability Policy

Bosque School is an equal opportunity employer and makes all employment decisions, including those related to recruitment, hiring, training, promotion, and recognition of individuals on the basis of their ability and job related qualifications and without regard to race, gender, religion, national origin, sexual orientation, disability, or any other classification proscribed under applicable federal, state, or local law. The school complies with the law regarding reasonable accommodations for employees with disabilities. Applicants requiring reasonable accommodation in order to participate in the application/interview process are requested to notify Kim Fike in order to arrange such accommodation.

Kim Fike, BEMP Science Coordinator
bemp.job@bosqueschool.org
www.bemp.org

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Application for the 2017-2018 Crawford Internship with the Bosque Ecosystem Monitoring Program

Please email completed application form, cover letter and resume to
Kim Fike at bemp.job@bosqueschool.org by **5 pm on 25 September 2017**

Candidates may alter the formatting of this electronic application, but must answer each question as written.

Name: _____ Date: _____

Phone Number: _____ Email: _____

Declared major (or intended area of study if undeclared): _____

Anticipated graduation date: _____

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1. Which areas of science are you *most* interested in? *Why*?
 2. How do you hope this internship will impact your future?
 3. What attracts you to this role with the Bosque Ecosystem Monitoring Program (BEMP)?
 4. Have you had any previous experience with BEMP? If so, please explain.
 5. What attributes set you apart from your peers? What makes you particularly well-suited for this position?

6. How would BEMP benefit by hiring you?

6. Describe a memorable experience you had in nature or the outdoors.

7. This position may require some travel to field sites. Do you have a reliable mode of transportation?

References: Provide contact information for **three** people who can provide a professional, academic, or character reference below. They may not be related to you.

Name of Reference	Phone Number	Email address	Relationship	How long has he/she known you?

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