

BOSQUE SCHOOL

Challenging Education



CRAWFORD INTERNSHIP FOR THE BOSQUE ECOSYSTEM MONITORING PROGRAM (BEMP)

A Position Based at the University of New Mexico starting in November 2018

Position will range from 10 – 19 hrs per week

About the Crawford Intern Position

The Bosque Ecosystem Monitoring Program (BEMP) seeks an undergraduate student (currently enrolled at The University of New Mexico) to intern with our University of New Mexico (UNM) biology staff in support of lab and field work. 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 November 2018 to 31 May 2019. 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.

About the Organization

BEMP (www.bemp.org) annually provides environmental education and community science programming for up to 10,000 students, teachers, and the public, mostly from backgrounds underrepresented in science. This is done from a network of 33 field monitoring sites stretching from the Northern Pueblos to Las Cruces. BEMP is a partnership of Bosque School and the University of New Mexico, Department of Biology. 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.

BEMP datasets:

- depth to groundwater & adjacent ditches
- precipitation
- surface-active arthropod pitfall trapping
- temperature – air and subsurface
- litterfall – forest productivity
- vegetation cover
- fuel load
- water chemistry
- tamarisk leaf beetle distribution and abundance
- pressure transducers

BEMP 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.

Key Responsibilities

- Sorting litterfall and arthropods in the lab (no prior experience necessary – on job training provided)
- Assist/mentor UNM students with data processing
- Prepping materials for data collection
- Participating in field data collection
- Presenting a project of interest at BEMP's Crawford Symposium (February 2019)
- Assisting with the delivery of environmental education activities for K-12 students
- Data entry
- Attend booth events if available
- Attend staff meetings if available

Qualifications

- 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 or CNM student for the 2018-2019 academic year
- Applicants with prior BEMP experience will be given priority.
- Applicants with backgrounds underrepresented in the sciences are welcomed and encouraged.

Desired Qualifications

- General scientific and ecological knowledge (Southwest riparian ecosystem knowledge preferred)
- Spanish speaker
- Previous BEMP experience
- 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.

Position Details

- Position is based at the University of New Mexico, Albuquerque, NM with most work taking place at either Bosque School or BEMP's UNM offices.
- Involves occasional evening and weekend assignments.
- The position is part time, ranging from 10 – 19 hrs per week depending on student's school schedule
- The position is supervised by the BEMP Science Coordinator based at UNM
- Employee will regularly be outdoors—in and along the Rio Grande and its riverside forest—on and off uneven trails in a variety of weather conditions. Employee needs to be able to lift 25 pounds. Employee must be a positive team member in all field conditions.

Application Materials and Process

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

Deadline for submission of applications is 28 October 2018.

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

Start/End Dates

BEMP prefers the internship to start sometime in November 2018 and end 31 May 2019.

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. We actively seek diversity among faculty and administration as well as among students. 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 contact the School in order to arrange such accommodation.



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THE UNIVERSITY OF
NEW MEXICO

Application for the 2018-2019 Crawford Internship with the Bosque Ecosystem Monitoring Program – Position based out of the University of New Mexico

Please email completed application form, cover letter and resume to
BEMP Hiring Committee at bemp.job@bosqueschool.org by **5 pm on 28 October 2018**

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?

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

8. This position may require some travel to field sites. Do you have a reliable mode of transportation? Or a driver's license so that you can drive a BEMP vehicle?

9. Is there anything else you would like to tell us?

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?

