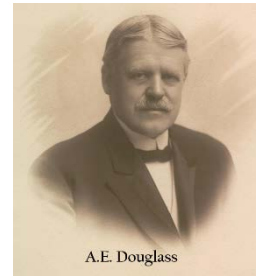




Welcome to the Laboratory of Tree-Ring Research

Our History

In 1937 A. E. Douglass, founder of the modern science of dendrochronology, established the Laboratory of Tree-Ring Research at the University of Arizona. The Tree-Ring Lab is recognized worldwide as a preeminent center for the advancement of tree-ring techniques and the broad application of dendrochronology in the social and environmental sciences.



Dendrochronology is the dating and study of annual rings in trees. Dendrochronologists use tree rings to answer questions about the natural world and the place of humans in its functioning. The practical applications of the study of tree rings are numerous. Dendrochronology is an interdisciplinary science, and its theory and techniques can be applied to many applications.



Our Facilities and Programs

The new Bryant Bannister Tree-Ring Building (BBTRB) offers a fabulous opportunity to engage and educate UA students and their families, visitors and the public. Many superlative specimens and the science stories behind them are on display in the new building for all to learn about, enjoy and to be inspired by. We're on our way to hosting more than 7,000 visitors per year. Great discoveries in archaeology, climatology, geology and ecology have been made at LTRR. Continuing work at LTRR is on the cutting edge of research and teaching in water, earth, fire, and archaeological sciences.

Our faculty, students, and scientific staff are engaged in a diverse array of research programs which include fire history and fire ecology, paleoclimatology, archaeology, paleoecology, biogeochemistry, geomorphology, numerical and statistical modeling, and even public health.

How You Can Join the Laboratory

We offer volunteer and docent opportunities at the new Bryant Bannister Tree-Ring Building, providing tours of the building and showing the main exhibit floor, working behind the scenes, helping with K-20 group tours and other special outreach events.

Become a Docent

Docents are volunteer educators. They work at the Laboratory of Tree-Ring Research with visitors of all ages, helping them learn about dendrochronology and the interdisciplinary research taking place at the Laboratory. Docents must be 18 years of age or older, and must attend at least one of our training sessions offered throughout the year. Docents should be willing to commit to volunteering for at least 6 hours per semester, for at least one year after training is completed. If you are a UofA student, you may also be able to enroll in an independent study course for credit hours.



- They take tree-ring samples and artifacts to an exhibit and use those props to engage Laboratory guests in conversation.
- They may provide hour-long tours throughout the exhibit hall and Laboratory.
- They may assist with special events at the Laboratory or at off-campus events, including educational presentations.
- They may conduct a presentation in our educational classroom, either with schoolchildren or adults.

All docents are provided a Laboratory of Tree-Ring Research t-shirt, name badge, and **free** parking!

Become a Junior Docent

Junior Docents are teen volunteer educators. Teen volunteers may be 13-17 years old, and must attend at least one of our training sessions offered throughout the year. Junior Docents should be willing to commit to volunteering for 6 hours per semester, for at least one year after training is completed. Junior docents serve in the same capacity as docents, based on their age and interests.

All Junior Docents are provided a Laboratory of Tree-Ring Research t-shirt, a name badge, and **free** parking!



Become involved Behind-the-Scenes and Beyond-the-Lab



The Laboratory participates in several events throughout the year including the Tucson Festival of Books. We need assistance in the following areas:

- Ticket Attendants for events such as Open House tours. Duties include explaining Lab tours, directing guests, handing out and collecting tickets.
- Photographer: Taking pictures of events, asking guests to sign a media release form.
- Set Up for events: Placing linen on tables, putting signs up, setting up chairs, and other small set up needs.
- Representation at information tables at events.
- Office duties: Help with mailings, typing spreadsheets, shredding, cutting flyers, sorting documents, filing, making copies, etc.
- Miscellaneous duties: include handing out drinking water to staff, volunteers, and vendors; counting tickets; keeping an eye on children; handing out flyers; answering guest questions; and much more!

Laboratory of Tree-Ring Research Outreach Website:

<http://ltrr.arizona.edu/outreach>

Laboratory of Tree-Ring Research Calendar:

<http://ltrr.arizona.edu/calendar/month>

Contact Information:

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