

## 2024 Roger Krueger Memorial Scholarship Application

Seeds are small things, but they represent tremendous technological improvements. Their truest function is to adapt and grow, becoming something else, taking on different shapes and sizes, bringing color and nourishment into our lives and ultimately, giving themselves up so we can use their goodness and potential to help us thrive.

Dr. Roger Krueger was just such a seed. As a long-time Board Member of the former American Seed Research Foundation (ASRF), he lived to make the world a better place and to make agriculture more able to feed the world. Roger took a special interest in mentoring the student participants in American Seed Trade Association (ASTA) programs and never missed an opportunity to challenge them. To honor Roger, the Seed Science Foundation (SSF) has established a Memorial Scholarship of \$2,000 to remember and honor Roger, who was taken from us way too soon.

To be considered for this scholarship, you must be a Ph.D. student currently enrolled at least half-time at a U.S. university and have at least 2 semesters (or 30 hours) remaining before degree completion. Further, you must be a student member of a professional organization such as ASTA, NAPB, Tri-Societies, or APS and have an interest in joining the seed industry upon the completion of your studies. Please complete this application and return it via email to Ann Jorss, [ajorss@betterseed.org](mailto:ajorss@betterseed.org) by September 1, 2024. The winner will be selected and notified by October 1, 2024.

### The winner will have the opportunity to:

1. Attend either the Field Crop Seed Convention Dec. 10-13, 2024, in Orlando, FL or the Vegetable & Flower Seed Conference Jan. 31-Feb. 4, 2025, in Orlando, FL. (Travel/lodging/conference registration covered by ASTA)
2. Attend the ASTA Leadership Summit June 2025, in Washington, D.C. where you will be recognized at the Awards Reception. **Your presence at the Awards Reception is required.** (Travel/lodging/conference registration covered by ASTA)
3. These conferences are some of the most important seed industry meetings in the world, attended by many seed industry professionals from all over the world. You will have the opportunity to participate in discussions and decision-making forums on some of the most important issues effecting U.S. and world seed trade. A mentor from the seed industry will be assigned to you during the conferences and can be used as a resource after the conference. Networking with seed industry leaders throughout the conferences will be one of your greatest opportunities.
4. ASTA student membership will be granted to the scholarship winner. Benefits of student membership include access to seed industry news, job and internship notifications, complimentary conference registration, and more.
5. **The 2nd and 3rd place runners-up** will receive a 12-month mentorship with a leader from the seed industry.



## Scholarship Application Deadline: September 1, 2024

Due to [ajorss@betterseed.org](mailto:ajorss@betterseed.org)

### Documents to include with application.

1. Resume or CV
2. Letter of nomination

### Personal Information

Name:			
Address:			
Main Phone:		Date of Birth:	
Email:			
Emergency Contact Name:		Relationship:	
Emergency Contact Phone:			
LinkedIn Profile:			

### Educational Information

Current University:		Department:	
Degree Sought:		Anticipated Graduation Date:	
City, State, Zip of Univ:			
Cumulative GPA:			
Previous Univ & Degree (if applicable):			
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### Educational Interests

Describe current/future academic focus:

Describe research focus/responsibilities (if applicable):

### Personal Reflection Statement

How would you use the scholarship award of cash and conference attendance to further your academic pursuits, and how will it shape your career trajectory?

### Seed Industry Topical Question

*Tomato brown rugose fruit virus* (ToBRFV) continues to be a significant impediment to moving tomato seed around the globe. It is a seed-borne virus and various countries have import restrictions in place including restricting imports from countries where ToBRFV exists. Seed treatments to deactivate the virus are not effective enough to be used as a solution for this problem. To alleviate concerns of importing countries, which of the following three solutions is the best solution for the U.S. seed industry to advocate for? Justify your answer relative to the other two possible solutions.

**Solution 1** – Countries should rely on an imposed requirement that tomato seed imports must test NEGATIVE for ToBRFV using a diagnostic test such as PCR.

**Solution 2** – Countries should impose a requirement that tomato seed must come from participants using a risk-based systems approach like ReFreSH.

**Solution 3** – Countries should impose a requirement that any tomato seed lot must test NEGATIVE via bioassay in a greenhouse or growth chamber.

### Agreement and Signature

By submitting this application, I affirm that the facts set forth are true and complete.

Signature:		Date:	
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