



## Appendix 1: Candidate Trainer Application

- **Candidate Trainer Applicant Name:** Laureen Pepersack, MST
- **GLOBE Region:** North America 
- **Candidate Trainer Contact Information:** phone 505-490-0467
- **Candidate Trainer Email:** lpepersack.globe@gmail.com
- **Investigation Area of Trainer Application:** Atmosphere 
- **Documents are not required for submission but may be attached when pertinent.**

**Date Application Submitted:** 1/7/24

**Country of Residence:** United States

Candidate Trainer Applicant Name: Laureen Pepersack, MST				
<b>Summary of Evidence Needed to Qualify as Candidate Trainer</b>				
<b>Critical Areas of Trainer Candidate Qualification</b>	<b>Science</b>	<b>Education</b>	<b>Adult Learning</b>	<b>Understanding GLOBE</b>
<b>Knowledge and Skills Required</b>	Making Earth Systems / Environmental Science relevant to educators. Understanding of the protocol subject area and sphere content.	Pedagogical techniques for teaching children or youth in the classroom and in the field.	Techniques for teaching and engaging adults.	Active participation in GLOBE and an understanding of the GLOBE Program including its vision, mission, and values.
<b>Critical Area: Science</b>	Knowledge and skills to be shown regarding making Earth Systems/Environmental Science relevant to educators. Understanding of the protocol subject areas and interrelated sphere content.			
<b>Evidence: Science</b>  Document understanding of GLOBE science content that may include, but is not limited to: <ul style="list-style-type: none"> <li>• Protocol Training Certificate</li> <li>• Degree</li> <li>• Certification</li> <li>• Coursework</li> <li>• Research Experience</li> <li>• Other</li> </ul>	Describe (list) evidence submitted. (Submit attachments such as certificates, screen shots, etc., when pertinent.): Masters of Science for Teachers NM Tech 2020 NM STEM Ready Science Standards Update 4/2023; Study Panel NM STEM 5/2022 NM Math and Science Bureau MSS & MSSW Facilitator Support NASA EPDC Educator Professional Development Events for teaching Life Skills- Expeditionary Skills for Life and Explore Earth 2018 NM Teacher Leader Network 11/2017  Training as a GLOBE teacher beginning in the Spring of 2015			

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<b>Critical Area:</b> <b>Education</b>	Knowledge and skills to be shown regarding pedagogical techniques for teaching children or youth in the classroom and in the field.
<b>Evidence: Education</b> Documentation of education experience that may include but is not limited to: <ul style="list-style-type: none"> <li>• Experience School teaching</li> <li>• Experience working at youth camps, and/or community-based organizations</li> <li>• Coursework</li> <li>• Other</li> </ul>	Describe (list) evidence submitted. (Submit attachments such as certificates, screen shots, etc., when pertinent.): Middle School Science teacher; health teacher and science club facilitator at Santa Fe NM Indian School 8/2010 - 6/2014  MS & HS Science and Health teacher at McCurdy Charter School, Espanola NM 2014 - 2022  Turquoise Trail MS Science and Health teacher 2022 - present
<b>Critical Area:</b> <b>Adult Learning</b>	Knowledge and skills regarding techniques for teaching and engaging adults.
<b>Evidence: Adult Learning</b> Documentation of adult learning experience that may include but is not limited to: <ul style="list-style-type: none"> <li>• Experience teaching adults</li> <li>• Coursework</li> <li>• Certification in adult learning</li> <li>• Other</li> </ul>	Describe (list) evidence submitted. (Submit attachments such as certificates, screen shots, etc., when pertinent.): WEST ED Making Sense of Science Facilitation Academy co taught 40 hr class for science teachers on Genes and Traits 2017  SOM/SciObserver training from the University of Memphis and Center for Research in Educational policy 2012

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<b>Critical Area:</b> <b>Understanding GLOBE</b>	Active participation in GLOBE and an understanding of the GLOBE Program including its mission and values.
<b>Evidence: Understanding GLOBE</b>  Documentation of active GLOBE participation that may include but is not limited to: <ul style="list-style-type: none"> <li>• Protocol certification from workshop or e-Training</li> <li>• Attendance at a GLOBE workshop (led by someone else),</li> <li>• Submitted data entry</li> <li>• Profile page created</li> <li>• News submitted online</li> <li>• Participation as a judge for IVSS</li> <li>• Participation in a GLOBE Annual International or Regional meeting</li> <li>• Other:</li> </ul> <b>Candidates must have experience in at least 3 of these 7 activities.</b>	Describe (list) evidence submitted. (Submit attachments such as certificates, screen shots, etc., when pertinent.):  I have participated in GLOBE workshops on line with Brian Campbell for a number of years.  I have been trained by various GLOBE trainers including but not limited to Dr Christy Wall and Marcia Barton going back to Spring of 2015. (Unfortunately I no longer have those certificates)  My students submitted Cloud and Tree Height at McCurdy before COVID and these last two years at Turquoise Trail  I introduced science teachers attending New Mexico Science Teachers meetings in Santa Fe and in Tucumcari, NM to GLOBE and shared fliers with more information.  Whenever I can promote GLOBE including in line at Huston airport when a high school biology student uploaded the GLOBE app when our flight was delayed. I encourage adults that are interested in sciene to the Citizen Scientist component to GLOBE. When I was part of the Rural NM Science teachers groups I introduced the teachers to GLOBE activities.
<b>If known, please suggest a Mentor Trainer with whom you'd like to work:</b> <b>Mentor Trainer contact information:</b>  Tracy Ostrom  <b>If evidence is sufficient and the application is complete, the Country Coordinator, Regional Coordination Office Reviewer, and/or the GLOBE Education Working Group will work with the new Candidate Trainer to identify the Mentor Trainer with whom to complete requirements.</b>	