



## Ying Scholar Award for Making the World a Better Place Judging Guidelines

Dr. Nelson Ying wants to change the world! His challenge to you? ***Find students whose work, if continued, would make the world a better place!*** You are seeking innovative research which, if continued, would develop a transformative technology or field of inquiry.

Use these guidelines to select **one (1) Senior Level Research Project** as a Ying Scholar Semifinalist. The award is \$500 per project. In addition, the teacher will receive an award of \$100. At the Finals in Syracuse, the student researchers of two of the four defending Finalist projects will receive \$2000 scholarships (to be divided between team members). Their school or sponsoring organization will receive an award of \$500.

Ying TRSEF thanks you for your generous gift of time and talent in judging these youth.

**Basic premise: *Identify innovative research which, if continued, would develop a transformative technology or field of inquiry. Could this work change the world?***

1. **Determination to make the world a better place.**

Lives would be affected by the advances growing from this project.  
The student is passionate about this potential.

2. **Transformative research**

This work is about transforming lives or industries or fields of inquiry.  
This is not about “tweaking” existing procedures or products.

3. **Potential as compared to achievement**

When dealing with precollegiate researchers, one must look deeply to see the passion and dream behind the initial research project. Draw upon your own experience and knowledge to recognize the potential within a line of research, rather than simply evaluate the technical prowess or analytical accuracy demonstrated by the project.

4. **Selection process**

Yes, look for strong research and technical achievement. However, you are seeking minds that think “outside of the box.” Their work may appear at this point less developed or the procedures less rigorous than others. Remember: Your task is to find potential. These students don’t have the answers yet. They have good questions and have studied their history sufficiently to know what questions to ask!

### Dr. Nelson Ying Tri Region Science and Engineering Fair (Ying TRSEF)

<b>Student Name:</b>		
<b>Project ID or Title:</b>		
<b>Criterion</b>	<b>Rating</b>	<b>Notes</b>
Student passion to change the world	1   2   3   4	
Transformative potential of this work	1   2   3   4	
Ability to articulate vision	1   2   3   4	
Quality of research (attention to detail, good analysis)	1   2   3   4	
Understanding/acknowledgement of "shoulders on which s/he stands"	1   2   3   4	
		TOTAL POINTS:

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