
The TS² Project[®]

(Teach STEM Scholarship Project)

Mission Statement:

The TS² Project: Preparing women to become highly qualified teachers who will change paradigms in STEM Education, through cutting edge technology, innovative lesson planning, and positive role-modeling.

The TS² Project Outline:

Gender inequity in fields of Science, Technology, Engineering and Mathematics (STEM) is a problem that continues to affect many areas of our society, from the classroom to the board room. The percentages of females in the disciplines of STEM are dismal. If there are not any role models present in these disciplines, the problem will continue to grow and become irreparable. An urgent solution is needed to address the deficit of female educators, professionals and leaders in the field of STEM. An innovative program that recruits female students to teach STEM is not only essential to the education profession but to the STEM field in its entirety. To help remedy this problem, The Teach STEM Scholarship (TS²) Project was created. TS² Project is an initiative that is supported by the Call Me MISTER Scholarship Program, located at Cheyney University of Pennsylvania in the School of Education. The TS² Project supports females who want to become teachers in the area of science, technology, engineering or mathematics.

The TS² Project is a collaborative effort between the School of Education at Cheyney University, various universities, national STEM organizations, and national leaders in the area of STEM Research and Educational Programming. TS² Project provides; scholarships, stipends, internships and travel to various conferences and workshops in the disciplines of STEM across the country. The TS² Project also provides its scholars with the resources necessary to pass the Praxis I and II, National Teacher Certification Examinations, in order to become certified teachers. With a creative and innovative co-curriculum, The TS² Scholars will go on to become educators who challenge the stereotypes of what women can accomplish in the STEM fields, incorporate their unique teaching styles and motivate more students to go into the STEM disciplines. The graduates of the TS² Project will furthermore become leaders who are role-models of change and influence in the classrooms of Pennsylvania, using cutting edge teaching techniques, innovative lesson planning, and creative presentation skills to educate children of all backgrounds. The TS² Project not only prepares women to become effective teachers but also effective role- models through the same principles of the character education model and conceptual framework that has been successfully used in the National Call Me MISTER Teacher Leadership Program across the United States of America.

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