

# Count Her In!

A Play About Women  
In Mathematics

By Sherry Lowell-Lewis



## Performances — 2005

March 29: Open Rehearsal at EPCC 5:00  
April 1: MAA SW Section at UTEP 5:30  
April 21: Performance at EPCC 7:00  
August 5: MathFest, Albuquerque, NM 5:00

# The Cast

(In order of Appearance)

Diana/Hypatia.....Diana St. Louis  
Sarah/Sarah Flannery.....Sarah Laney  
Samantha, Kim/Emmy Noether.....Samantha Gilbert, Kim Cowan  
Sabrina/Winifred Edgerton Merrill.....Sabrina DuMond  
Ms Emilie.....Samantha Miller  
Heather, Rocio/Sofia Kovalevsky...Heather Vasquez, Rocio Myres  
Miss Gabby du Chatelet.....Kristin Hartland  
Laura/Paris Pismis.....Laura Solorzano

Time: Present, and other

Place: High School Drama class, and other

The cast would like to thank El Paso Community College for the use of a rehearsal space, and providing a van to travel to MathFest; Steve Smith, Dean EPCC, Transmountain Campus, and his entire office staff; Dr Peeples for all the extra work she did and Dr. Dogan for her support throughout the project.

# **Count Her In!**

**Cast and Crew**  
(in alphabetical order)

**Melinda Camarillo:** Melinda is currently a graduate student at UTEP, and will be receiving her Masters Degree in math education this year. She is also an adjunct instructor at EPCC, so she considers UTEP and EPCC as “my schools”. Her immediate goal in life is to finish her thesis so she can get her Masters Degree! Down the road, she would like to have a couple of kids and complete her family. She joined the Women in Math project because she is a female mathematician and did not know about other female mathematicians. She thought this project would be a good way to learn about influential women in math and be inspired by them and their stories.

**Christine Cowan:** Christine is a Senior at Chapin High School.

**Kim Cowan:** Kim is a Junior at Chapin High School. She wants to become an engineer, an officer in the military, and to get her masters in engineering. Along the way she also wants to earn a bachelors in business management and in culinary arts. She joined the Women in Math project because she loves math and loves being busy (which she is!).

**Hamide Dogan:** Hamide is an assistant professor of mathematics at UTEP with a specialization in undergraduate mathematics education. She was born in Turkiye, and is the first person to get a Ph.D. in her family. As a female with a career in mathematics, she wants to share her rewarding, rich and satisfying experiences. As a result, she encourages those interested to pursue a career in mathematics or sciences.

**Sabrina DuMond:** Sabrina is a Sophomore student at Chapin High School. After graduating from college, with an engineering degree, she wants to work as an imagineer for Disney, or become an officer in the Air Force. She will most likely be a mechanical or electrical engineer – but, there are other possibilities such as aeronautical engineering. Sabrina joined the Women in Math project because she likes math and finds it fun, but also loves acting. She wanted to join Shakespeare on the Rocks, but they disbanded before she was old enough to join. She loves performing Shakespeare but, she was extremely happy to be a part of this project. She has been able to work with old friends, and make new friends also! So this has been a great experience.

**Samantha Gilbert:** Samantha is a Freshman at Chapin High School. She wants to be either a teacher for young children, an engineer, or a professional dancer/gymnast. She loves doing all those things. She joined the women in Math project because she thought it would be fun and a good experience because she likes math and acting. This math project has helped her make new friends and experience math from a different view point.

**Kristin Hartland:** Kristin is currently teaching math at Chapin High School, and is an adjunct at EPCC. She wants to use her mathematical skills to their full potential and to enjoy and have fun doing it. For Kristin it is really a thrill and an amazing feeling to see the light bulb above a student's head light up and hear them say ... "Wow, I get it!". Kristin joined the Women in Math Project because she knows what it feels like to have most of her classes dominated by men simply

because they were math and science classes. She was the only woman graduating with a Bachelor of Science in Math from UTEP. She, also, received the Outstanding Undergraduate Senior in Mathematical Sciences award. She wants to see more women studying math and science and even out the playing field. She feels this play, which is creative and out of the ordinary ...like Kristin...would attract girls of all ages to the mathematical field.

**Sarah Laney:** Sarah is a Sophomore at Chapin High School. She is interested in engineering and medicine, and hopes to one day earn a degree in biomedical engineering. Sarah joined the Women In Math project believing that it would be an excellent opportunity to study historical and present day women in mathematics. She has truly been inspired by the group of people she has had the opportunity to work with.

**Ben Lewis:** Ben is a seventh grader at Hornedo Middle School. He has been helping out with the Women in Math project for two reasons. His Mom is the playwright and director, and he loves acting! Ben appeared with Heather Graham in the movie "Committed" and has done several radio commercials as well. He is a cartoonist and a fan of Japanime. He shares his home with his mom, his brother Colin, sister-in-law Kate, nephew Logan, and the dogs (who really run things) Scoobie and Alaska.

**Sherry Lowell-Lewis:** As a lecturer in Communication at UTEP and an instructor of Drama at EPCC, some might think her plate is full, but Sherry still makes time to record radio, television, and computer-assisted Army training. She has

taught for more than 17 years. This is only her third playwrighting effort, since her strengths are in acting and directing. Her biggest challenge in "Count Her In!" was to work with math geniuses without being one herself! These young women have inspired her from the first and working with them has been a joy.

**Samantha Miller:** Samantha is a Freshman at EPCC. Her goal is a degree in Civil Engineering. She joined the Women in Math project to get involved and to meet new people.

**Rocio Myres:** Rocio is in her Senior year at UTEP. She plans to get her Bachelors Degree in Education with an emphasis in math and science. She then wants to teach at a middle school and perhaps at a college. While teaching, Rocio wants to go back to school and obtain a bachelors in chemical engineering, her first love, no matter how long it takes. She joined the Women in Math project because she learns every day from women mathematicians and they have been an inspiration for her (Dr. Peebles has been good example). Rocio want to be a good example for other women.

**Joanne Peebles:** Joanne is a mathematics instructor at EPCC. She wants her students to learn, and have fun while doing math. To help with the learning, she introduces all her students to math history. This play provides an opportunity to introduce a larger audience to seven women mathematicians. Joanne is active in the History of Math Special Interest Group of the Mathematical Association of America.

**Angela Saddler:** Angela is a mathematics teacher at Chapin High School, an adjunct at EPCC, as well as a graduate student at UTEP. She wants to become a full time math instructor at a college or university. She joined this project because the women depicted in the play have blazed a path for women in mathematics – a path for women like herself. .

**Laura Solorzano:** Laura is in her second year of studies at UTEP. She has always liked to do different and unexpected things besides going to school. She joined the Women in Math project because it is unique, you don't always see a play on math and more rarely one on women in math. It has been a great experience to participate. As for her goals, she will first finish her bachelors in Applied Math, and then continue on to a masters in Financial Math. After that, she has dreamed of becoming a prominent pastry chef. Right now she continues to work one math problem at a time, and bake a cake every now and then.

**Diana St. Louis:** Diana is a Sophomore at Chapin High School. After getting her degree in electrical engineering, she wants to work for NASA in the Human Exploration and Development of Space section, assisting in renewed manned missions to the Moon, creation of settlements on the Moon, and manned missions to Mars. One day her teacher, Kristin Hartland, was discussing the AMC math test and mentioned the play. Diana figured she should do more extra curricular work this year and the play sounded like a fun experience, so she signed on.



**Heather Vasquez:** Heather is an incoming junior at Chapin High School, and is involved in Chapin's Magnet Program. She is an active student council member and officer (Historian) for the 2005-2005 school year. She is very interested in Psychiatry and things of that nature, and is considering that as her major for college. She enjoys writing poetry and stories in her spare time.

Written and Directed by: Sherry Lowell-Lewis

Assisted by: Angela Saddler

Additional assistance by: Benjamin Lewis

Colin Lowell Lewis

Kate Howell-Lewis

PowerPoint design by: Kristin Hartland

and Melinda Camarillo

PowerPoint Operator: Melinda Camarillo

Costumes Designed and Constructed by:

Dr. Joanne Peebles and Josefina Myres

Cameras: Colin Lowell-Lewis

Sheila DuMond

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*Hypatia*  
370 – 415

*Gabrielle-Emilie Le Tonnelier  
de Bretenil, Marquise du Chatelet*  
1706 – 1749

*Sofya Kovalevskaya*  
1850 – 1891

*Winifred Edgerton Merrill*  
1862 – 1951

*Emmy Amalie Noether*  
1882 – 1935

*Paris Pismis*  
1911 – 1999

*Sarah Flannery*  
1983 –