



## MISSION

- 1 To organize activities which effectively help graduate students to broaden/deepen their mathematical knowledge. The activities that are designed to fulfill the above purpose include: (a) Faculty research talks (b) Grad-student research talks (c) Various mini-courses offered by advanced PhD students and postdoctoral students.
- 2 To organize instructive activities which help the students in a more general way. The only activity that is planned to fulfill the above purpose is an HTML workshop. We are also thinking about organizing a Matlab/Maple/Mathematica/Latex workshop.

More details about our activities can be found in our webpage: [sites.google.com/view/ams-iupui](https://sites.google.com/view/ams-iupui)

## CAN YOU SHARE A SUCCESS STORY OR A TIME WHERE THINGS DIDN'T GO ACCORDING TO PLAN?

We believe that organizing every single event is by itself a success story, but undoubtedly the main success story is to really see that we have indeed successfully organized almost every event that we planned for in the beginning of the academic year; getting things done as planned is the true success for all officers of the chapter. Also getting positive feedback from the participants always motivates us even further to fulfill our promise to the best of our abilities.

## WHAT DO MEMBERS ENJOY MOST ABOUT THIS AMS STUDENT CHAPTER?

We think that they mainly enjoy the knowledge that they gain during the events; they particularly enjoy the fact that the content of the talks/mini-courses are properly chosen for the audience. They also visibly enjoy the socialization in the background of the activities and of course the refreshments that we provide!

**HOW DID YOU BECOME INTERESTED IN MATHEMATICS?**

When I was a mechanical engineering student at Shiraz University, Iran, I became very interested in the mathematics underlying the engineering and physics courses in our syllabus. After getting more familiar with the local professor M. Mahzoon and attending a few math courses that he taught for MSc and PhD students, I then became strongly determined to pursue mathematics more seriously in my future studies.

**WHERE DO YOU SEE YOURSELF IN TEN YEARS?**

Hopefully a professor of mathematics at a research university.

**HOW HAS BEING THE STUDENT CHAPTER PRESIDENT ASSISTED YOU WITH LEADERSHIP TRAINING FOR YOUR FUTURE?**

Organizing various events and preparing all the requirements in advance, collaborating with chapter officers, sharing the responsibilities, and attending "brainstorm sessions" along with the other officers, all helped me to a great extent to become more disciplined; to get used to collaborative work; and to get a deeper insight regarding the numerous details of organizational/leadership duty.

**WHERE ARE YOUR INTERESTS?**

In Mathematics: Applications of Riemann-Hilbert approach to various branches of mathematics specifically to asymptotic problems in random matrix theory and statistical physics. Theory of modern integrable systems.

I am also very interested in Mysticism, Eastern/Islamic philosophy, Illuminationism, and Persian literature.

I also used to be a professional chess player (I have an FIDE international rating) but have dismissed it recently.

**WHAT IS YOUR STRONGEST QUALITY?**

Maybe my strongest quality is that I (at least) try to live a multidimensional life, but the main challenge is always how well I can make a balance between the various dimensions of my life.

**WHO OR WHAT MOTIVATES YOU TO BE A BETTER PERSON?**

Thinking that I have to live my best in every single moment and trying to think of it more as a duty rather than a choice!

**WHAT IS THE BEST ADVICE YOU CAN GIVE TO SOMEONE PURSUING A DEGREE IN MATHEMATICS?**

I believe that as people are different in almost every aspect of their lives, they are also different in how they learn a subject, in particular mathematics. So my first advice would be: Know yourself! And study mathematics accordingly. Respect yourself! Try to eliminate your weaknesses gradually by more and more practice and hard work.

**FOR WHAT DO YOU WANT TO BE REMEMBERED?**

I would like to be remembered for being a good mathematician and more importantly a decent human being.

*Roozbah Gharakhloo, from Iran, Chapter President 2015-2017.*

