



THE SUMTIMES



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MGB Officers 2022

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Vice-Chair: Bryanna Petentler

General Liaison: Anna Leinheiser

Heartland Chair: Joseph Sauder

International Liaison: Adriana Fernandez I Quero

Gauss Co-Chairs: Manuel Albrizzio & Garrett Mason

Newsletter Editors: Nikita Kapur & Claire Christian

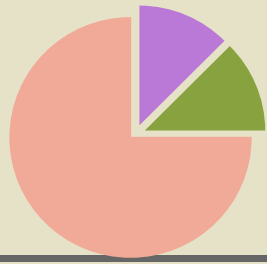
Social Committee: George Clare Kennedy & Joey Small

Webmaster: Nitesh Mathur

Travel Funding Committee: Elise Askelsen, Yariana Diaz, Fatou Ndow,
& Breanna Guppy

GLC: Ibrahim Emirahmetoglu, Rebecca Sorsen, & Claire Christian





SPRING CELEBRATIONS



Spring Festival

Spring Festival is also known as Chinese New Year.

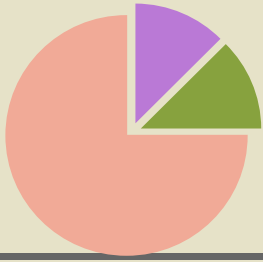
Spanning February 1st to February 11th this year, Spring Festival says goodbye to the Year of the Ox and welcomes the Year of the Tiger. According to Yuan Y., Spring Festival is a time for families to gather and play.



Yuan's Favorite Spring Festival Food:
Hot Pot (recipe included in "Recipes"
section)

"Put everything into a basin with
boiling water.





SPRING CELEBRATIONS

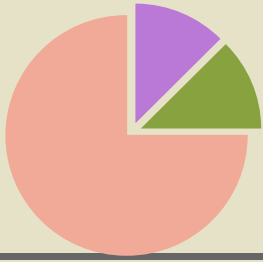


Holi

Holi - the festival of colors - is a Hindu celebration marking the beginning of spring. Celebrated at the end of February or the beginning of March, Holi is a celebration of the Hindu story of Prahlada. Some activities for Holi include bonfires and throwing brightly colored powders at each other.



Nitesh's Favorite Holi Food:
Gujiya (recipe included in
"Recipes" section)
"Sweet from the inside and
crunchy from the outside."



SPRING CELEBRATIONS



Easter/Holy Week

Holy week is celebrated by Christians worldwide and is the annual tribute of the Passion of Jesus Christ. According to Adriana F., penance processions are performed on the streets of most Spanish cities during this last week of Lent.

Holy Week culminates in Easter Sunday, celebrating the rise of Christ. This year, Easter Sunday falls on April 17.

Outside of religious celebrations, some traditions include searching for Easter eggs, dying hard boiled eggs. Garrett's family plays "crack the egg" where each person picks an egg and goes into battle with another egg. Whoever's egg cracks first loses.

Favorite Holy
Week/Easter Foods:

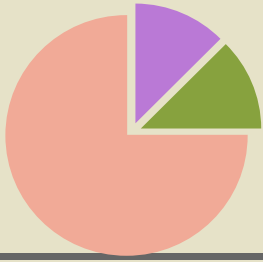
"Lots of meat." -

Violet T.

"Egg salad or deviled
eggs." - Garrett M.

"Green eggs and
ham or a lamb cake."
- Michael K.





RECIPES



Hot Pot

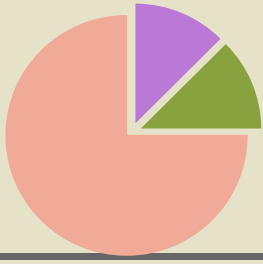
Main Ingredients

2 lb beef flank
1 lb chicken breast
1 lb pork chop
2 lb tilapia fish fillets
1.5 lb shrimp
1.5 lb squid
1 lb firm tofu
4 oz dried vermicelli noodles
1 lb spinach
1 lb Chinese broccoli
0.5 lb seafood mushroom
0.5 lb king oyster mushroom
1.5 lb daikon

1. Freeze and partially thaw meat.
2. Wash and prepare any vegetables and mushrooms.
3. Cut beef, pork, and chicken into thin slices.
4. Prepare squid.
5. Prepare marinated fish slices.
6. Prepare fish balls.
7. Prepare soup base.
8. Prepare dipping sauce.



For full recipe: <https://madewithlau.com/recipes/ultimate-guide-to-hot-pot>



R E C I P E S



Gujiya

Ingredients

For Pastry Dough:

- 1 cup whole wheat flour
- 1 cup all purpose flour
- 1/4 teaspoon salt
- 1/3 cup of water
- 2 tablespoons Ghee

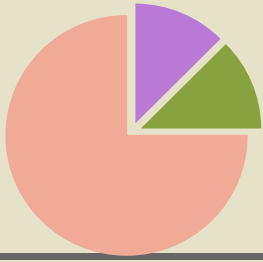
For Sweet Stuffing:

- 1 cup khoya
- 1/2 tablespoon Ghee
- 10 almonds
- 10 cashews
- 10 pistachios
- 1/2 tablespoon raisins
- 1/3 cup powdered sugar
- 1/2 teaspoon cardamom powder
- oil as required for frying

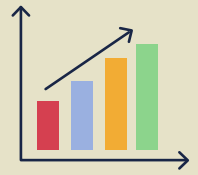
This recipe has five different stages.

1. Making the pastry.
2. Making the sweet stuffing.
3. Assembling and shaping.
4. Baking.
5. Frying.

For the full recipe, see
<https://www.vegrecipesofindia.com/gujiya-recipe-fried-baked-gujiya/>



MATHEMATICIAN BIOS



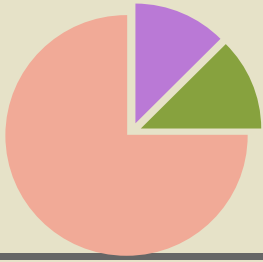
Srinivasa Ramanujan

(22 December, 1887 - 26 April, 1920)

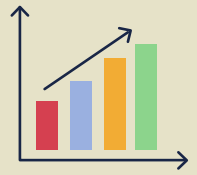


Ramanujan was an Indian mathematician who lived during the British Rule in India. Though he had no formal training in pure mathematics, he made substantial contributions to mathematical analysis, number theory, infinite series, and continued fractions, including solutions to mathematical problems then considered unsolvable. During his short life, Ramanujan independently compiled nearly 3900 results (mostly identities and equations).

Many were completely novel; his original and highly unconventional results, such as the Ramanujan prime, the Ramanujan theta function, partition formulae and mock theta functions, have opened entire new areas of work and inspired a vast amount of further research.

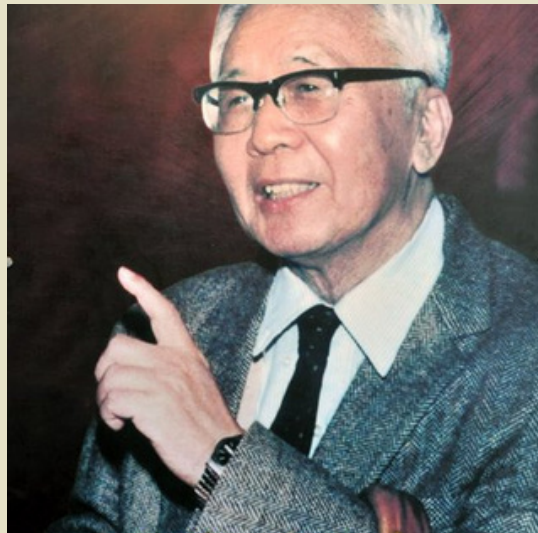


M A T H E M A T I C I A N B I O S



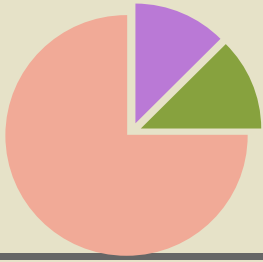
Hua Luogeng

(12 November, 1910 - 12 June, 1985)

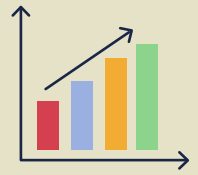


Luogeng was a Chinese mathematician and politician famous for his contributions to number theory and for his role as the leader of mathematics research and education in the People's Republic of China. He nurtured the renowned mathematician Chen Jingrun who proved Chen's theorem, the best known result on Goldbach conjecture. His work on mathematical optimization and operations research made an enormous impact on China's economy.

Hua was the founder and pioneer of many fields in new China's mathematics research. He wrote more than 200 theses and monographs, many of which became classic documents of immortal value.

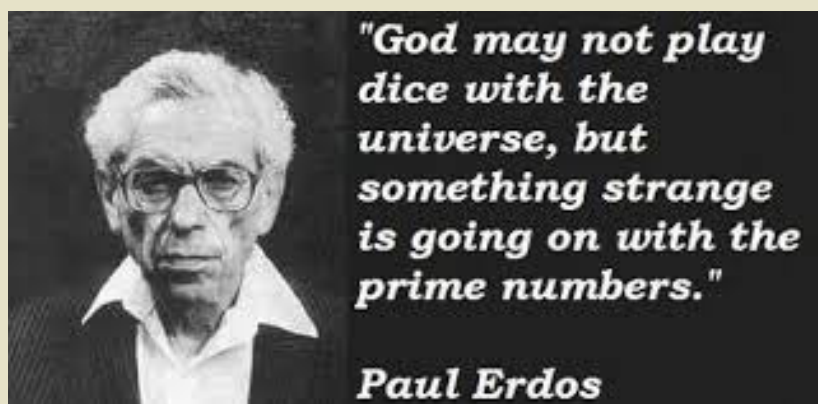


MATHEMATICIAN BIOS



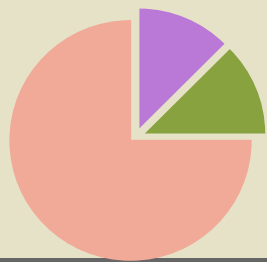
Paul Erdős

(26 March, 1913 - 20 September, 1996)

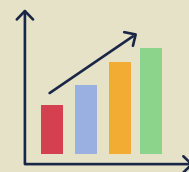


Paul Erdős was one of the best known and most highly respected Hungarian mathematicians of the twentieth century. Unlike most of his contemporaries who concentrate on theory building, Erdős focused on problem solving and problem posing. His problems and methods of solutions - like those of Euler, whose solutions to special problems pointed the way to much of the mathematical theory we have today - have helped pioneer new theories, such as combinatorial and probabilistic number theory, combinatorial geometry, probabilistic and transfinite combinatorics, and graph theory.

Erdős wrote over 1500 research papers. It is believed that the previous record was held by Caley at 927. He coauthored papers with over 500 people. One of his customs was to offer cash prizes for the solutions to unsolved problems. These rewards ranged from \$5 to \$10,000, depending on how difficult he judged them to be.



SPRING 2022 SEMINAR LIST



Algebra: Monday 3:30-4:20 (205 MLH)

AMCS: Friday 2:30-3:20 (176 SH)

Differential Geometry: Tuesday 1:00-2:00 (B13 MLH)
Thursday 1:00-2:00 (virtual)

Math Bio: Monday 3:30-4:30 (113 MLH)

Topology: Tuesday 2:00-3:00 (113 MLH)
Thursday 3:00-4:00 (105 MLH)

If you have anything you would like featured in the next newsletter, please email us!

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Thanks for reading!

Claire and Nikita