GIDAS NEWSLETTER
MARCH EDITION

APRIL CONFERENCE UPDATES

- Abstracts are due on March 23, 2025!
- Top abstracts are selected for oral presentation
  - Highest scored abstracts are selected for MICDE conference on May 28th!
- If you are attending in-person, you may bring a poster
- If you are not selected for oral and choose not to do a poster presentation, you will still be able to present your work virtually
- All abstracts are published in a conference booklet
- In-person locations include the University of Michigan in Ann Arbor, MI and Scripps Research Institute in Southern CA
- Please do not hesitate to ask questions to any of the officers; we know this is the most hectic part of the year, and applaud you for hanging in there!

CONTACT INFORMATION

Chair: Maitreyi Bharath
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Co - Vice Chair: Archit Sonaje
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Co - Vice Chair: Tanay Panja
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MARCH TEACHING CONTENT/ RESOURCES:

- Gene Cards
- OMIM
- Abstract Writing Template

GIDAS CLUB PROGRESS CHECK

As of March, GIDAS clubs should've covered all computational tools and should be prepared to lead their GIDAS through paper writing/finishing pathway analysis. Also start to get in any last-minute fundraisers as we are approaching the inter-GIDAS fundraising deadline - March 15!! We still encourage you to keep fundraising past the deadline until our April conference!!!

GIDAS SPOTLIGHT

Meet the Troy High School GIDAS Club!

President Jessica Wu has led the club to remarkable growth over the past three years, transforming it into the world's largest GIDAS chapter. Their impressive achievements include standout performances at the Genes and Health contest and the GIDAS Research Conference, where they received the "Most Submitted Abstracts", "Most Registered Abstracts", and "Most Involved President" awards. The club's biweekly meetings dive deep into computational biology databases, providing members with invaluable hands-on experience in genetic analysis. With membership now approaching 125 students, the group has become a hub of scientific curiosity and collaborative learning. "I absolutely love seeing the engagement and passion our members bring to every meeting," Jessica shares. "They're dedicating their afternoons to exploring medical research, creating a community of passionate young scientists who inspire each other." The club also has a non-so-secret weapon: an impressive spread of snacks at every meeting, from delectable cupcakes to crispy cookies and savory chips, ensuring that learning is always accompanied by a delicious treat.

MIRCORE SUMMER OPPORTUNITIES

- CB (Computational Biology) – 1 week
  - Explore personalized medicine, DNA extraction, and more!
- R Programming and Machine Learning – 1 week
  - Learn R programming (box-plots, heat maps), data visualization, and machine learning techniques.
- BTS (Biotechnology Sequencing) – 1 week
  - Analyze sequencing data using Linux, PCR, Next-Gen sequencing, SNPs, and DNA/RNA-seq.
- SYG (Sequencing Your Genome) – 3 weeks
  - Sequence and analyze your own genome (high school biology prerequisite, ages 16+)

More information (+location details) and registration: miRcore Summer Camp 2025

FUNDRAISING COMPETITION LEADERBOARD

Top 3 schools get a customized plaque!

Current Rankings:

1st – Briarcliff, 2nd – Stratford Prep, 3rd – Napoleon, 4th – Carmel

Leaderboard Link: https://www.mircore.org/fundraiser/leaderboard/