What is DataFest?

The American Statistical Association (ASA) DataFest is a celebration of data in which teams of students work around the clock to find and share meaning in a large, rich, and complex data set. The event is open to students of all backgrounds, and provides an opportunity to gain hands-on experience with real-world data.

How does it work?

A large, complex data set will be introduced at the event start, alongside a broad research question. Students will then have until Sunday to create a five-minute presentation that addresses some interesting aspect of the data. The data are kept confidential until the start of the event, but some examples of past events are provided below.

> **Play2Prevent Lab, Yale School of Medicine (2022)**
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> Analyze game logs of the Elm City game to determine if there are coherent styles of play that might be useful for characterizing middle school students' attitudes towards risky behaviors.

> **Canadian National Women's Rugby Team (2019)**
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> How do we quantify the role of fatigue and workload in a team's performance in Rugby 7s? How reliable are the subjective wellness Data? Should the quality of the opponent or the outcome of the game be considered when examining fatigue during a game? Can widely used measurements of training load and fatigue be improved? How reliable are GPS data in quantifying fatigue?

Event Details

- **Date:** April 4 - April 6
    - **Opening ceremony:** Friday, April 4 6:00 pm
    - **Closing ceremony:** Sunday, April 6 11:00 am
- **Location:** The Q-Center (MBH 202)
- **Prizes:** Awards for best presentation, visualization, … ?
- **Snacks will be provided throughout the weekend**

Faculty volunteers

We are seeking volunteers for to serve as judges or mentors. Mentors are present during the work hours to interact with groups and answer any questions that arise. Judges will watch presentations on Sunday and help award prizes. If you are interested in participating as either a judge or mentor, please see the contact info below.

For more details, visit [**Insert Website**] or email Christian (cstratton@middlebury.edu)