



Hack-A-Thon for Health Student Guide

Review Before You Begin:

1. The Contest Rules and Rubric
2. WatchDox Instructions to access and download the presentations
3. The County of San Diego Past Reports that contextualize the data and how it will be used

Contest Rules:

1. You may compete as an individual or in a team of two.
2. All contest documents and data files can be accessed remotely via the County of SD's WatchDox system and final presentations can be uploaded back to the same system remotely.
3. Students will have exactly one week to complete their analysis, and all final presentations are due on Sunday March 20th at noon or 12pm. Submissions received after the deadline will not be considered.
4. All final submissions must be presented using the power point template and branding documents included in the WatchDox Student File. The branding requirements specify colors to use when making graphs, etc. to comply with the *Live Well San Diego* brand standards.
5. Final Announcements of Contest Winners will go out via email on March 22nd. If you are chosen you will need to attend the Award Ceremony on March 22nd from 6 to 8pm. This will be held back at the Biocom HQ's, where the Kick Off Event was held.
6. Each internship will be a bit different, so representatives from each organization will present each opportunity at the Kick Off event. All Internships will be chosen directly by industry professionals based on the background of the student, their performance in the contest and the needs of the organization providing the internship. The terms of the internship, like pay, hours and timing will vary by organization and will be determined by the organization providing the internship. The internship recipients must meet the following qualifications:

At least a 3.2 GPA

US Citizen or F-1 Visa

Background Check and a TB Test must also be performed

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Timelines, Judging Process and Dates:

Sunday, March 13th- 12pm

Students will have access to the Hack-A-Thon's data for analysis at the Kick Off event, donated by the County of San Diego as part of the *Live Well San Diego* vision for a region that is Building Better Health, Living Safely and Thriving. A key focus area of the vision is reducing the prevalence of the 4 diseases that cause over 50% of the deaths in San Diego County.

At the kick-off, students will be walked through the data set, the questions for analysis and any background or contextual knowledge that they will need to solve the problem.

Sunday, March 13th 1pm

The Kick Off is over and students leave with access to the data to begin analysis on their own or in a team of 2.

Wednesday, March 16th, 11:30am to 12:30pm

Hack-A-Thon Google Hangout with County of San Diego Epidemiologist, Ryan Smith. This will give students a chance to ask any questions they might have mid-analysis.

Sunday, March 20th, Noon or 12pm

Final student presentations are due and will be uploaded to the County of San Diego's secure WatchDox document sharing system.

Monday, March 21st, early morning until 12pm

County of San Diego Epidemiologists do one round of judging with an intentional screen for mathematical accuracy.

Monday, March 21st, 12pm

Industry judges are given access to the student presentations and final solutions via the WatchDox site. They will look for the folder with their name and will find the presentations assigned to them to judge in the folder. Industry judging begins.

Monday, March 21st, 12pm until Tuesday, March 22nd, 12pm

Industry judges will review and score student presentations via the rubric attached. Each presentation will be scored using the template provided in the rubric. The rubric with the team's score will be uploaded to their folder when finished.

Tuesday, March 22nd, 12pm

Hack-A-Thon staff will compile the scores for all presentations and rank the submissions to determine a 1st, 2nd and 3rd place winner.

Tuesday, March 22nd, 3pm

Emails will go out to the teams to announce the winning students/team submissions.

Tuesday, March 22nd, 6pm to 8pm

Hack-A-Thon Award Ceremony will be conducted at Biocom HQ's. Students and industry representatives will be available to provide awards.

Friday, March 25th, Close of Business

Industry representatives will identify which students will receive which internship and contact students to begin the internship on-boarding process. At this point, all communication will be between students and Industry Internship Providers.

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Hack-A-Thon 4 Health Rubric Scoring Sheet		
Team Number: Team Member #1: Team Member #2:		Total Score:
Mathematical Modeling – 10 Total Possible Points		Scores and Comments
Mathematical Accuracy – up to 2 pts. <ul style="list-style-type: none">Mathematically accurate (1 pt.)Uses an appropriate mathematical technique to answer the question (1 pt.)		
Thoroughness, Creativity and Complexity of Solution – up to 2 pts. <ul style="list-style-type: none">The analysis is complex and thorough incorporating multiple variables resulting in the best possible fit for the mathematical model (1 pt.)The final model incorporates the breadth of the data set including variables from the behavioral, economic and demographic subsets (1 pt.)		
Answered All Questions – up to 6 points <ul style="list-style-type: none">Question 1 = 1 pointQuestion 2 = 2 pointsQuestion 3 = 3 points		
Solution Relevance – Total of 5 points		Scores and Comments
Grammatical Accuracy and Clarity - up to 2 points <ul style="list-style-type: none">Presentation is free from spelling errors, typos and is grammatically correct (1 pt.)Conveys a clear message (1 pt.)		
Understanding of Data Applications – up to 2 points <ul style="list-style-type: none">Findings demonstrate an accurate understanding of how the data will be applied in the real world (1 pt.)Presentation’s findings are logical (1 pt.)		
Communicates Data in an Interesting Way – 1 point <ul style="list-style-type: none">Presentation uses data to tell a story about the findings that’s meaningful to the Live Well San Diego vision.		

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