

## **BUDGET JUSTIFICATION**

### *GO TEAM, GO GREEN*

**Hodin, salary and benefits.** Dr. Jason Hodin is the Project Director and will oversee the web design, planning and implementation of the project. He will work closely with all of the student team members to ensure coordination of their efforts, and will advise them as needed. Hodin is also proficient at producing web media and content, and will do so for the current project as well. He will coordinate with technical lead and computer programmer David Cohn to relay decisions by the team for programming needs. Hodin can also do light coding, and thus restricts Mtr. Cohn's efforts to more complicated tasks. Because of the large efforts that will undoubtedly be required of the student lead, Dr. Hodin will be able to assist in all of the requisite tasks. We estimate requiring 10 hours of Dr. Hodin's time throughout the 8 months of the project period.

**Student lead and Student computer programming.** Please refer to the *Student Involvement* section of the proposal for details on the required efforts by these students.

**David Cohn** is a professional media programmer, who has worked as main technical lead for education projects in collaboration with Dr. Hodin for over 10 years. Among other tools, he designed the core Inquiry to Student Environmental Action (I2SEA at [i2sea.stanford.edu](http://i2sea.stanford.edu)) activity *Our Acidifying Ocean* (tutorial and virtual lab), the I2SEA carbon footprint calculator (which will be used in *GTGG*), and the I2SEA web site, recently upgraded by him to mobile compatibility. Mr. Cohn is proficient in java script, HTML5, XML and Flash programming, and manages the database deriving from students' footprint calculations. As the new student communication and other tools that we propose developing during the project period derives from and will integrate with Mr. Cohn's original programming on the I2SEA website, it is sensible to have him continue on as technical lead for the proposed work.

Cohn is paid at an hourly rate of \$90/hour. We estimate needing 215 hours of his time to complete the work outlined in the proposal. Specifically This 215 hours will consist of the following:

- 25 hrs: general site planning (software and scripting options, etc)
- 20 hrs: implement student site design
- 32 hrs: port I2SEA, calculator and associated database to UW server
- 12 hrs: *GTGG* site frame
- 20 hrs: modify footprint calculator for college campus life (dormitory options, etc.)
- 16 hrs: complete game schedule, dynamic
- 4 hrs: landing page; upcoming matches, dynamic
- 60 hrs: microblog/bulletin board programming
- 25 hrs: participant lineup/"coreboard" page, dynamic

The student programmers will work closely with Mr. Cohn in the production of their segments of the site, and as such will have the opportunity to work closely with a highly skilled programmer on a team. This will undoubtedly represent an invaluable experience as part of their undergraduate training.

**Material costs.** Plaque and paper costs for awards.

**Teleconference line.** For planning purposes with team, collaborating student and other UW groups and entities, and groups on other Pac-12 campuses.