

**Professional Growth**  
**Jonathan Briggs**  
**Physics**

**Goals for the year:**

- As this is the first year I'm repeat teaching a course, one of my major goals is to organize and catalog assignments in such a way that they are a good reference for next year.
- Obviously one goal is to successfully develop an AP Electricity and Magnetism course over the year.
- While I don't have quite the same strength of students in the AP Mechanics class this year, I would like to maintain the AP average of 4.0 this year while having everyone pass.
- I aim to have a winning season for the Girls JV Volleyball team.
- I aim to make Blue-White more of a presence on campus.
- I wish to build accuracy and efficiency into the scheduling process.
- I wish to develop regular physics into a course that students can't wait to take their junior or senior year. The major goal of that course is to leave students, who may never take another science course, with an understanding and appreciation of the way the world works around them while providing them with curiosity and confidence to figure things out.
- On the professional growth horizon I would like to do the summer workshop at the Exploratorium, the teaching workshop with Sea Education Association and take classes at SF Academy of Art in industrial design. I also have a large list of secondary interests that I wish to pursue, everything from taking a class on Unix to learning to TIG weld. I also have contemplated spending a summer developing Physics demonstrations for the upcoming class year (which would require some money for materials).
- I also believe that a discussion about the merits of the AP system for science may be in order as our school grows in reputation. It's a tough call and I can give you the issues at any time if you like.
- Jim has indicated that I will be taking over as Department Head next year, thus I will also be spending the year observing and learning any and all intricacies of that position for next year.
- Depending on what my projected class load is next year I wish to develop a physics elective in either astrophysics/astronomy or 20<sup>th</sup> century physics.

**Support:**

- So far I've had a lot of monetary support (from donations) that has really helped me build a physics lab and as Bentley moves forward and we funnel more money away from that type of donation and to the general fund I would appreciate continued generosity towards the physics "department." As we discussed last year, high quality physics work requires high quality equipment which comes at a bit of a premium. I would just ask Bentley to continue to invest in the physics department. Unless we teach a new course the investment will not be of the same magnitude as the previous year but it may still be substantial as there are a few items that I held off on this year due to their cost.

- I will be utilizing faculty support for Blue and White throughout the year but mostly during and leading up to field day. I'm contemplating having a teacher, who teaches primarily seniors, sign on as an additional Blue-White coordinator for that busy time leading up to field day.