A short issue: opportunities, a request from Dr. Heinold, a couple of interesting links and the CS senior projects.

**Opportunities**

Last days to apply for the **SMART** (Science, Mathematics And Research for Transformation) scholarship, deadline is **December 15**. Check their [webpage](#) for more details.

There are many opportunities for summer internships here are a few:

**REU**’s (Research Experiences for Undergraduates) from the National Science Foundation (**NSF**). These vary in length from a couple of weeks to a couple of months, most expenses paid and a stipend, they are all over the country, start from [here](#) to find one you like in your major.

An opportunity from **AGEP** (Association for Graduate Education and the Professoriate). Many possibilities for **Undergraduate Summer Internships**, more info [here](#).

Another group offering **Undergraduate Summer Internships** is **IGERT** (Integrative Graduate Education and Research Internship). Some opportunities and plenty of useful links from their [website](#).

Want to get an internship at **NASA**? If you answered yes then this application is a must! **NASA** is sponsoring Motivating Undergraduates in Science and Technology (**MUST**). Up to **$10,000** per year for student in a **STEM** discipline (Science, Technology, Engineering, and Mathematics) rising sophomores, juniors, and seniors with at least a 3.0 gpa can apply. This is a (very) competitive but excellent scholarship! [Here](#) you’ll find more info.

Keep checking the Career Center (McGowan 2nd Floor) [website](#) as they often have jobs and internships announcement.

**COMAP competition**
Dr. Heinold is putting together teams of 3 for the COMAP math modeling competition in the spring. Contestants have a weekend to work on a real-life problem. Teams who complete their chosen project are deemed: Outstanding, Meritorious, and Successful. Past Mount teams have received all above designations including "Outstanding" - the highest possible. For more info about the competition follow this link. The competition is open to anyone, if you have a science major friend with strong mathematical and/or computer skills let them know. Please let Dr. Heinold know if you are willing to participate. Past problems included Sudoku analysis, irrigation troubles, and world flooding from climate change.

Miscellaneous

1. The last Small Talk of the semester is coming this next Friday, December 12, senior computer science students: Timothy Fahl, Kurtis Lunz, Paul Metz, and Matthew Parantha will present their senior projects. Don’t miss this especially if you are a CS major, it will be you the one presenting some time soon... If you would like to give a talk or just know more about this talk series please contact Dr. Portier. All talks are in room 117 at 2pm and some refreshments are served.

2. Want to find out what to do with a degree? Here is a link telling you exactly what to do when you are looking for a job and what to do when you are still taking classes.

3. A nice article about beauty in Math rather than the beauty of Math.

Links

Useful links: Association for Computing Machinery, American Mathematical Society, American Statistical Association, Society for Industrial and Applied Mathematics, Mathematical Association of America, Society Of Actuaries, National Council of Teachers of Mathematics, Pi Mu Epsilon Honor society