In Gatton, I was told about the Rise DAAD program in Germany (<https://www.daad.de/rise/>). It is a summer internship program around 10 to 13 weeks long. It includes a scholarship for housing, travel and health insurance. Many times, a stipend is included. It is for undergrads in second year of STEM study. The program allows researchers in Germany to ask for American or Canadian undergrads to come over. A general application is made to Rise DAAD and a specific application letter is sent to the maximum 3 researchers you choose to help. 2023 application is November 1 – December 15. Applications are sent online; possible applicants are contacted for interview by the mentor through phone or zoom.

Following the NSF website for REU opportunities, Arizona State University has REUs listed from 7 professors (<https://sms.asu.edu/SummerREU#tab-id-2429-3/>). Applications close March 15, 2023 for the summer of 2023. There is a $6000 stipend with free dorm housing, travel reimbursement, and 500$ in dining credits. The only requirement is to be a US citizen undergraduate studying in chemistry. It requires a final lab report and poster presentation with the reports being posted online. Students will also participate in seminars.

The University of Washington has a Clean Energy Bridge to Research (CEBR) REU (<http://www.cei.washington.edu/education/undergraduate-students/reu/>). This REU is 9 weeks long from late June to Early August (40 hours a week) for US undergraduates with paid housing, food, 500$ travel allowance and $6000 stipend. The applications opens December 15 and closes February 15. It is for US citizens and prioritizes second year students.

In Gatton I was introduced to the Department of Defense SMART Scholarship program (<https://www.smartscholarship.org/smart>). This program provides full tuition to pursue some STEM education. At the end you are contracted to work with the department of defense at some nearby location. Health insurance, summer internships, $25000-$35000 stipends are provided every year which will pay for things like housing and food. The eligibility requirements include things like being of age, Citizen of an English-speaking country, only requesting one degree, able to complete a summer internship and accept a post-graduation position at the DoD, good academic standing, pursuing an undergrad or graduate degree in the fields listed on their site. A little under 500 awards were issued with a 19% award rate per reviewed application, the average GPA of 2022 scholars was 3.75. Applications have to be sent in

The University of Washington Graduate Program is located in Seattle. I came across it looking through graduate programs in Seattle. This opportunity does not apply as well as the others. Acceptance rate is high (>80%), out of state tuition is around $27000. I am most interested in Organic. There are a few mentors for the UW CEBR REU; specifically, Matthew Golder works on organic materials (<https://golderresearchteam.org/>). This research synthesizes novel macromolecules and polymers.