



TGIF Mini-Grant Application Fall 2017

Total amount requested must be up to \$2,000. Submissions must be submitted in PDF or Word format with minimum 12 pt. font and 1" margins and be no more than 5 pages in length. Your application must be submitted by 5pm on Friday October 20, 2017.

Project title: Herbicide Free Cal

Total amount requested from TGIF: \$500

Amount Requested as: Grant Loan (Estimated payback period of loan in ___ months)

Sponsoring Organization/Fiscal Agent: Food and Water Watch

This will be the entity that holds your grant funds and administers all financial transactions and student intern hires. This entity must submit a Project Approval Form.

Project leader(s):

| | |
|---|---|
| Name | Mackenzie Feldman |
| Year & Major/ Title & Department | 4th year, Society and Environment Major/CNR |
| Phone | |
| Email | |

| | |
|---|---|
| Name | Bridget Gustafson |
| Year & Major/ Title & Department | 2nd year, Molecular Environmental Biology Major/CNR |
| Phone | |
| Email | |

Project Details:

Describe the overall goals of the project.

Our overall goal is to greatly reduce/stop the use of carcinogenic herbicides on the UC Berkeley campus. By June 2018, we plan to have a map of all of the areas on campus that are sprayed with herbicides. We want to implement signage at these locations so that people know the chemicals they are being exposed to. This awareness will hopefully inspire public discussion around the hidden dangers of herbicides. In addition, we will be working with groundskeeping staff and student groups to come up with the best possible alternative solutions to spraying herbicides.



How will the project be implemented? Describe the steps.

We have already banned the use of herbicides from the Clark Kerr Campus Beach Volleyball Courts, and plan to use the same campaign strategy we used on the beach courts to get herbicides banned from each Division I athletics field before moving to a campus-wide ban. The process of banning herbicides involves getting approval from the grounds manager in charge of the area being sprayed (i.e. athletics ground manager, recreational sports ground manager, etc.) and then implementing an alternative to herbicides. On the beach volleyball courts, we organized team work days where we have the beach volleyball team take time out of their practice to hand pull weeds with the help of the grounds manager. We are in the process of working with the softball team and Cal's athletics ground manager to implement team work days as an alternative to spraying herbicides. In order to make this a campus-wide ban, a team from the ASUC is creating a campus spray map that depicts all the areas on campus that are sprayed and what grounds manager is in charge of the area being sprayed. We will use this map to help us determine who to contact in order to reduce the amount of herbicides sprayed and where to place signage that informs the public that carcinogenic herbicides are being sprayed there.

Which aspects of campus sustainability will your project tackle? What are the quantitative and/or qualitative sustainability metrics?

Our project will primarily tackle education and will inform the public of the dangers of herbicides at Cal, as well as water and restoration (restoring native plants and soil health). For restoration, our project will tackle external inputs, soil health, and native plants. For education/behavior change, our campaign plans to provide signage and stickers. While soil health and native plants will increase with the reduction and eventual discontinuation of herbicides, our campaign focuses on the education piece. We will not be collecting quantitative data for the restoration components.

How will you measure the sustainability and environmental benefits?

This campaign is more about reducing the risk of carcinogen exposure of people on UC Berkeley campus, but the reduction of herbicides will allow native plants and weeds to flourish and enrich the soil of our campus. We will not be quantitatively measuring the amount of native flora that will grow once herbicides are no longer used, but we will qualitatively observe the aesthetic of the flora to ensure it coincides with the University's desire for the campus grounds.

What is your plan for publicizing your project? Do you have any specific outreach goals?

After figuring out what is sprayed where, our plan is to put signage at the sprayed locations to educate students on what they are exposed to. We plan to do a survey on Memorial Glade to



find out how many students are aware of the herbicides, as well as create a short video with The Daily Cal.

Project Approvals Needed:

If your project team is partnering with other organizations, or departments, or needs permission to undertake a specific project, please submit a completed Project Approval Form for each named entity.

Yes, we are working with Food and Water Watch! (Project Approval Form attached).

Budget:

List all budget items for which funding is being requested under the appropriate category. Include cost/item and total amount/item requested. Please be as detailed as possible.

| Item | Cost per Item | Quantity | Total Request |
|--|---------------|----------|---------------|
| <i>Equipment and Construction Costs</i> | | | |
| | | | |
| | | | |
| <i>Publicity and Communication</i> | | | |
| Signage to place in areas around campus that are sprayed | \$20 | 30 | \$400 |
| Stickers/pins displaying our campaign's brands | \$0.20 | 500 | \$100 |
| <i>Personnel and Wages</i> | | | |
| | | | |
| | | | |
| <i>General Supplies and Other</i> | | | |
| | | | |
| | | | |
| TOTAL | | | \$500 |

If selected by TGIF, your project must be completed by June 1, 2018.

Please email completed abstracts to tgif_grants@berkeley.edu and put the name of your project in the subject line.

Questions and comments may be directed to TGIF Coordinator, Brian Gialketsis, at tgif_info@berkeley.edu.