

Energy And Climate Team
Applicant Package - Youth Member

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Term:01 Jun 2023 - 31 May 2024

Positions Available: 3

Number of applicants in this package: 1

- Boote, Amy

Name :Boote, Amy

Board Name :Energy and Climate Team

What Position are you applying for: :

Youth team member

Is your mailing address different than your physical address? :

No

Zip Code :

59808

In which ward do you reside? : :

Ward 2

Are you a registered voter? :

No

Are you a Citizen of the U.S.A? :

Yes

Do you live in the City Limits? :

Yes

If yes, how long have you been a city resident? :

13 years

Brief resume of your educational background. :

I will be a senior at Sentinel High School in September 2024.

Current Occupation :

high school student

Current employer: :

n/a

Previous Community Service :

Missoula Youth Symphony-- played trombone (80 hours--2021-23)

Ecology Project International-- removed invasive weeds as part of Yellowstone 10-day ecology field program (10 hours)

Soft Landing Missoula-- tutored refugee high school students (20 hours-- 2021-2022)

Democracy Project (Missoula Public Library) -- initiated project to educate public about air pollution in Missoula; developed podcast interviewing Missoulians about "What Missoula Means to Me" (80 hours--2021-23)

What is your interest in serving on this Board? :

I have been passionate about issues related to climate change for a long time, and in particular, the impact of air pollution on health and quality of life. I was one of a group of students in the Democracy Project (run through the Missoula Public Library) who developed a project to educate the public about the impact of air pollution in Missoula. In addition, I have often chosen to write about climate change issues for my school research projects. This spring, my topic for my AP Seminar class was "Combatting Urban Air Pollution."

Do you have any special knowledge, interest or experience that would qualify you for a position on this board :

Last summer, I researched the effects of different types of wood smoke on mice as a research fellow in the Summer Undergraduate Research Program at the Center for Environmental Health Sciences at the University of Montana. This was part of a larger project investigating the effects of wildfire smoke on human health. I will be researching similar issues with the lab at CEHS again this summer.

Reference 1 Name: :

Beth Rugh

AP Chemistry teacher, Sentinel High School

Reference 2 Name: :

Dan Lochridge, Spanish teacher, Sentinel High School

Parent or Caregiver consent is required (please check all boxes) :

I consent for my child to apply and if selected, to participate on the Energy and Climate team.;I understand my child's name, contact information and image will be part of the public record;and that meeting videos and audio are streamed live and are available on demand to the public.

Parent Name Date :

Laura Reed 4/28/23

Time of Submission :04/28/23 12:55:36 PM

Attachments:

- Amy Boote resume PDF.pdf

AMY BOOTE

EXPERIENCE

JUNE 2022-AUGUST 2022

SUMMER UNDERGRADUATE RESEARCH PROGRAM FELLOW, CENTER FOR ENVIRONMENTAL HEALTH SCIENCES, UNIVERSITY OF MONTANA

Researched health impacts of wildfire smoke on mice, comparing smoke from different types of trees; lead author on poster presented at conference. Learned lab research techniques. Will participate in same program in summer 2023, with different research project.

JUNE 24 TO JULY 4, 2021

RESEARCH INTERN, ECOLOGY PROJECT INTERNATIONAL

Conducted conservation service projects and field work in Yellowstone National Park.

EDUCATION

MAY 2024

SENTINEL HIGH SCHOOL

GPA: 4.0 Class Rank: 1 out of 353. AP Physics 5, AP World History 5, AP Human Geography 5

Taking six AP classes in junior year. Student of the Month February 2021.

Montana Econoquest state champion team fall 2022

Montana Academic World Quest state champion team spring 2023

SKILLS

- Research/ writing/academic coursework
- 1560 SAT (99th percentile)
- PowerPoint/ graphic arts
- Photography: Honorable Mention Award for National Wildlife Federation Garden for Wildlife Youth Photography Contest
- AP Spanish

ACTIVITIES

Montana World Affairs Council: Econoquest and Academic World Quest

Democracy Project (students initiating civic projects such as air quality education, podcast on "What Missoula Means to Me")

Brain Bowl—2nd Place in state competition April 2023

Missoula Youth Symphony

Sentinel Wind Ensemble and marching band (trombone)

Soft Landing tutor