

Hike to Bike

Service Learning Project

Progress Report #2

Environmental Science BIOL-1400

11/02/15

What were your initial project expectations?

- “When I first started Hike to Bike, I thought it would be super easy, but that is not the case. People think that it's a good idea, but they don't want to help.” –Ryan
- “I agree, I thought it was going to be an easy ‘A’. It ended up being more work than I was expecting, but I am happy I participated.” - Heather

Progress:

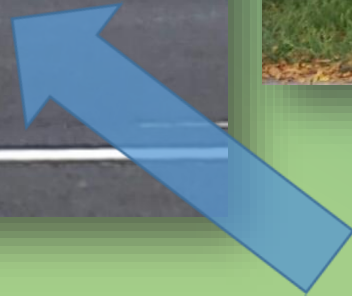
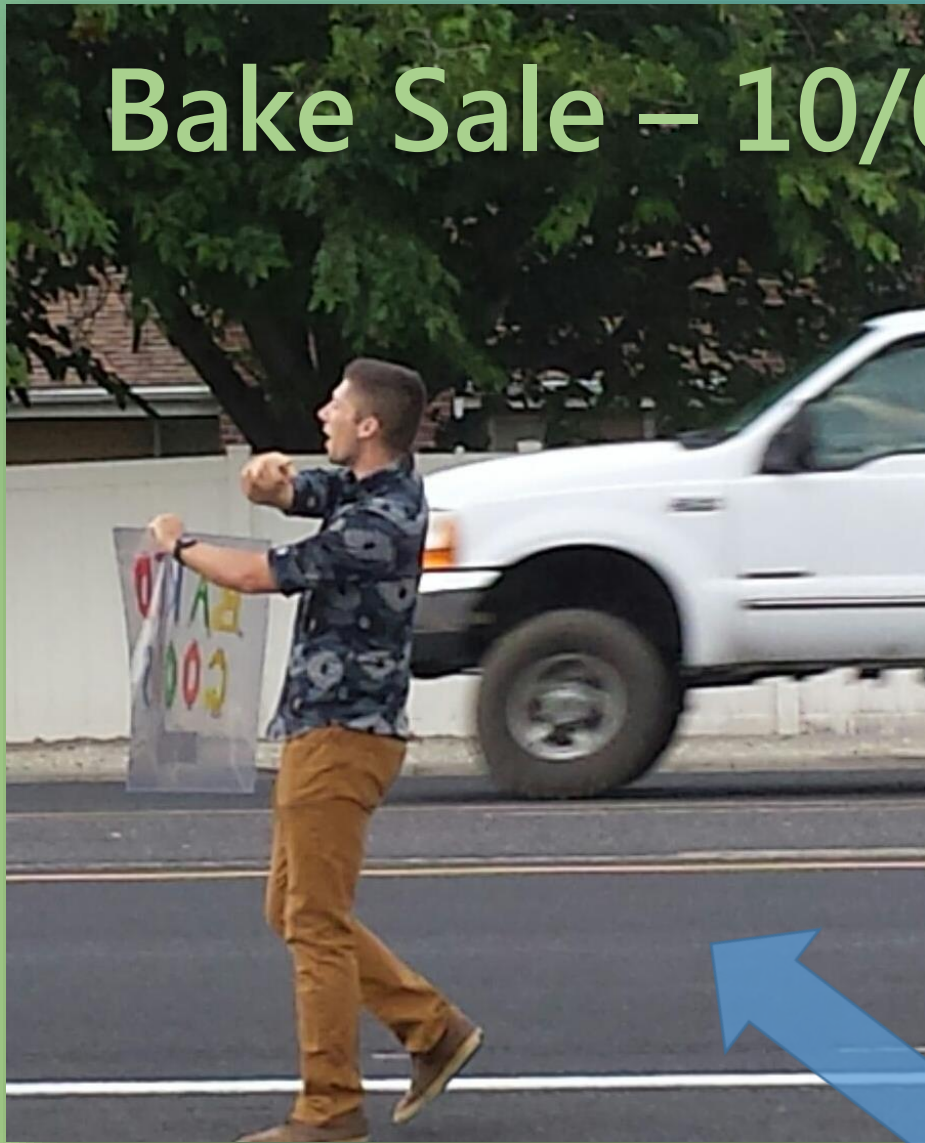
- ✓ Bake Sale Fundraiser
- ✓ Walk the Route, Hang door flyers
- ✓ Hike to Bike event, collect bikes



What risks did you take in the project?

- “I risked failing. There are a lot of factors that go into building a project/non-profit which can make or break an idea process. Like it would be in any business venture you have to get back up and try to find a new way anytime something doesn’t go according to plan in order to succeed.” - Angela

Bake Sale – 10/02/15



Robb yelling at passing cars to come buy our baked goods.

Our table of delicious treats.



Bake Sale – 10/02/15



Robb yelling at cars as they drive by even faster.

We earned \$200 through the bake sale and used it to print door hanger/flyers.

10/17/15



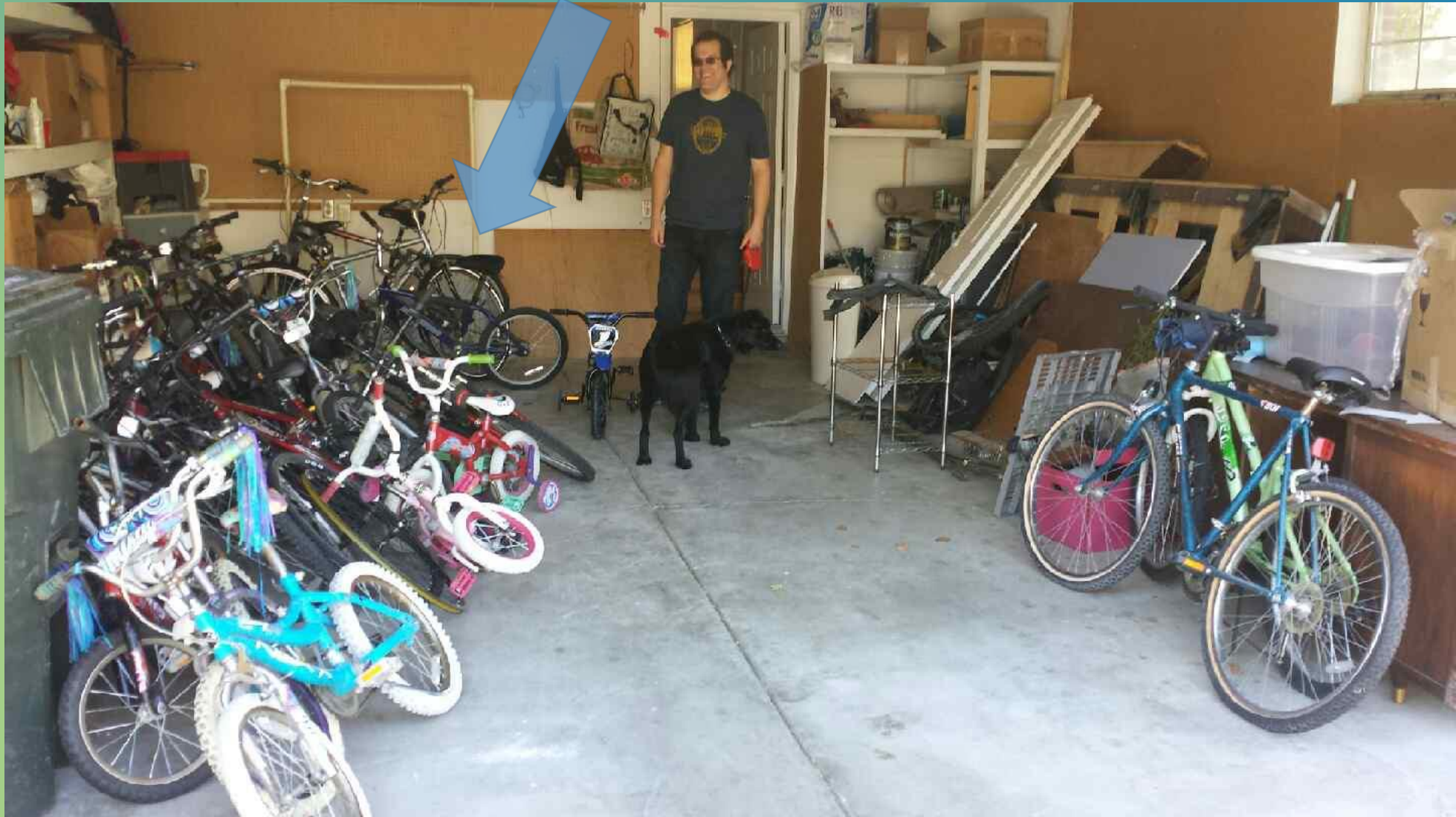
Prepping to walk the route for the first time and pass out flyers.

Taylorsville Hike to Bike Event – 10/24/15

Everyone who participated with the walk, except Sage, who took this photo, and Jamie, Angela's boyfriend.



Pile of Bikes in Angela's Garage = Success!



Total Donations Collected:

- 9 large bikes that need very little work
- 3 large bikes that need more work
- 2 medium sized bikes
- 2 scooters
- 11 smaller children's bikes
- Several miscellaneous metal, parts, and accessories
- \$31 in donations



What problems did you encounter while working on your project?

- “Dealing with the other clubs. We needed their support in becoming a legitimate club, but it wasn’t easy to coordinate with them. Now I think our next issue is going to be getting our bike racks built.” - Robb

Ecosystems and Altered Landscapes

Angela: Project Cycle assists in the spiritual aspect of cultural ecosystem services, improving a community's mental health. By experiencing an area more with personal senses (hearing the wind, smelling a place, feeling your effort push you forward, seeing something you would otherwise not have noticed) can stimulate the mind and good old fashion exercise has a number of benefits to both body and mind.

Heather: Unlike driving a car, biking does not require gasoline fuel. Biking depends less on natural capital and will protect the resources that humans already over exploit.

Robb: Due to our need for more and more space to accommodate the ever rising amount of traffic, a lot of land is cleared and developed to make roads and parking lots. This huge amount of deforestation is leading to a diminishing in the amount of wildlife in the area, as well as fewer trees to participate in creating fresh air for us all.

Alysia: When we build roads for vehicles to transport, not only are we taking away the plant life but we are depleting animal life as well. Riding bikes would help combat the negative effects that desertification has on different species and the environment.

Ryan: In today's world, the habitats of many animals are being lost due to transportation infrastructure. With Hike to Bike, we hope to lessen the amount of transportation infrastructure and in turn help preserve the habitats of many animals

Colby: We have collected used bikes versus trying to buy new bikes, which does not contribute to production overseas or in country, and aluminum or carbon does not need to be produced, formed, cut, or welded. Even though the production of bikes has a minor ecological footprint compared to other industries, industry in general contributes to habitat loss.

Sage: Our project Hike to Bike is aimed at improving our ecosystem, and everything in it including ourselves, by giving people the option to take a bike that we have collected and fixed up to work or school to help reduce the toxins placed into the air.

Hike to Bike

Adaptations and Biodiversity

Angela: When bike lanes and paths are created instead of roadways there is less habitat loss as well as habitat degradation in surrounding areas of highly used roadways from the use of motor vehicles.

Heather: Not only does biking require less roads/maintenance, biking also means needing to clear less land for parking lots. We shouldn't choose which plants or organisms to uproot, we should leave it up to natural selection.

Colby: I do not think that there is a way that we adapt to bikes but I do think that bikes can help us "adapt," in a way, to a healthier lifestyle. Riding bikes is good for the body as well as the brain. Commuting via bike will lower your carbon footprint as well as Not contributing to the poor air quality.

Robb: Bicycling will lead to greater overall health in the community by reducing pollution, reinvigorating the environment, and getting people active. And it will also help protect the communities of animals around our area.

Alysia: The more bikes we use, the less need there will be to develop new roads. When new roads are built, animals lose their place in the world and along with that, their ecological niche is lost. Organisms lose a place to live and they cannot perform their roles in their natural communities when their community is lost to human industrialization.

Angela: Project Cycle in the end will decrease the number of cars on our roadways, which will decrease some of the carbon dioxide in the air adding to the greenhouse gases that have an effect on climate change.

Ryan: In the past biodiversity has been lost due to carbon emissions from cars. With hike to bike, bikes will be more readily available which will lead to less of a need for cars and in turn more biodiversity being present.

Sage: Biking reduces harmful fumes put into the air. This puts less stress on local species and their ability to survive.

Heather: Healthy species means they can survive long enough to reproduce. When organisms reproduce they are able to continue evolving. And there will be more variety in biodiversity.

Ecosystems and Altered Landscapes

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Ryan: In today's world, the habitats of many animals are being lost due to transportation infrastructure. With Hike to Bike, we hope to lessen the amount of transportation infrastructure and in turn help preserve the habitats of many animals

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Sage: Our project Hike to Bike is helping improve our ecosystem, including ourselves, by giving people a chance to take a bike that we have collected from work or school to help reduce carbon into the air.

Ecosystems & Altered Lands

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Hike to Bike

What aspect of your project made you want to learn more? Why?

- “Just the whole idea that riding a bike only a few miles a day can cut back drastically on the amount of fumes placed into the air made me want to look into it further so I could spread the word to my friends and family and anyone else I met while helping with the project.”

- Sage

What's next?

- Learn how to repair/maintain bikes
- Repair the bikes
- Reach out to businesses to provide bikes to their employees
- Welding contest to create bike racks
- Distribute bikes and bike racks to the community
- Find another community who wants a Hike to Bike event and repeat! 😊

