

Individual Development Plan

for
Lily Fillwalk

Personal Information

Title:

Institution: Pitzer College

IDP last modified: 6/15/2021

Career Plans Summary

Plan A

Long Term Goal: Environmental Science Policy Advisor

Short Term Goal: M.S./M.P.A, then possibly Ph.D., post-doc Fellowships

Plan B

Long Term Goal: Environmental Science Journalist

Graduate Program in Science Writing, then transitional

Short Term Goal: Fellowships/Internships

SMART Goal Summary

Note: only goals within last 12 months and up 12 months in the future are shown.

June, 2021

- work on personal statements for Graduation school applications [weekly]
- finalize CV/resume for graduate school with all of accomplishments thus far
- reach out to professors for mentorship/career advice [monthly]
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [weekly]
- read more relevant scientific literature [weekly]
- publish an already written review. [monthly]
- Create general summaries for scientific literature
- Improve data analysis skills [daily]
- Improve usage of data visualization programs
- Prepare and practice on scientific presentation skills [weekly]
- Prepare for thesis committee in the Fall of 2021 [monthly]
- search for a professional organization related to science policy

- solidify & ask for references for graduate school
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
- balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
- try to post interesting articles on social media platforms to share with connections [\[monthly\]](#)
- attend more career events at the Pitzer College Keck Science Center such as professional development, and virtual workshops over the summer [\[weekly\]](#)
- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

July, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- finalize CV/resume for graduate school with all of accomplishments thus far
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- Improve data analysis skills [\[daily\]](#)
- Improve usage of data visualization programs
- Prepare and practice on scientific presentation skills [\[weekly\]](#)
- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- solidify & ask for references for graduate school
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
- balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
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- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

August, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)

- Create general summaries for scientific literature
- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- solidify & ask for references for graduate school
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
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- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

September, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
- balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
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- attend more career events at the Pitzer College Keck Science Center such as professional development, and virtual workshops over the summer [\[weekly\]](#)
- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

October, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature

- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
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- attend more career events at the Pitzer College Keck Science Center such as professional development, and virtual workshops over the summer [\[weekly\]](#)
- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

November, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
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- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

December, 2021

- work on personal statements for Graduation school applications [\[weekly\]](#)
- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read articles about how to prepare for graduate school/fellowship interviews for the fall semester. [\[weekly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- Prepare for thesis committee in the Fall of 2021 [\[monthly\]](#)
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)

- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
- balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
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- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

January, 2022

- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
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- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

February, 2022

- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
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- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)

- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

March, 2022

- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
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- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

April, 2022

- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature
- join a peer group/professional group at school to build a successful network for post-grad [\[monthly\]](#)
- get more involved on campus in the fall with environmental groups [\[monthly\]](#)
- sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [\[weekly\]](#)
- balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
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- attend more career events at the Pitzer College Keck Science Center such as professional development, and virtual workshops over the summer [\[weekly\]](#)
- increase use of LinkedIn professional social network, as well as add more colleagues when introduced [\[monthly\]](#)
- Talking to friends and family about scientific topics/literature/current projects [\[weekly\]](#)

May, 2022

- reach out to professors for mentorship/career advice [\[monthly\]](#)
- read more relevant scientific literature [\[weekly\]](#)
- publish an already written review. [\[monthly\]](#)
- Create general summaries for scientific literature

- join a peer group/professional group at school to build a successful network for post-grad [monthly]
 - get more involved on campus in the fall with environmental groups [monthly]
 - sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics [weekly]
 - balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests
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 - Talking to friends and family about scientific topics/literature/current projects [weekly]
-

Self Assessment Summary

Strong Skills

- Creativity/innovative thinking
- Basic writing and editing
- Speaking clearly and effectively
- Seeking advice from advisors and mentors
- Negotiating difficult conversations
- Demonstrating workplace etiquette
- Complying with rules and regulations
- Upholding commitments and meeting deadlines
- Maintaining positive relationships with colleagues
- Contributing to discipline (e.g. member of professional society)
- Contributing to institution (e.g. participate on committees)
- Dealing with conflict
- Time management
- Leading and motivating others
- Understanding of data ownership/sharing issues
- Can identify and manage conflict of interest
- How to maintain a professional network
- How to prepare application materials

Weak Skills

- Teaching in a classroom setting

Top Interests

- Writing position papers or policy papers

- Representing data in figures/illustrations
- Giving presentations about science
- Reading papers in your field
- Learning about other fields
- Thinking about science
- Keeping up with current events in science
- Discussing science with others
- Attending conferences or scientific meetings
- Using quantitative methods in understanding science (e.g., statistics, mathematical modeling)
- Writing about science to non-scientists
- Speaking about science to non-scientists
- Developing collaborations
- Negotiating agreements
- Serving on committees
- Working in a team
- Networking with others
- Work-related travel
- Organizing things, creating systems in the workplace
- Planning or organizing events
- Leading or supervising others

Activities To Avoid

- Building new devices or developing/refining techniques
- Performing research with animal subjects
- Performing research with human subjects

Top Values

- Help Society: contribute to betterment of world
- Help Others: be involved with directly helping individuals or small groups
- People Contact: have day-to-day contact with clients or colleagues
- Teamwork: work in collaboration with others as part of a team
- Friendships: Develop close personal relationships with people at work
- Congenial Atmosphere: work with friendly colleagues
- Make Decisions: have authority to decide courses of action, policies, etc.
- Influence People: be in a position to change attitudes or opinions of other people
- Intellectual Challenge: perform work that is intellectually stimulating
- Work on Frontiers of Knowledge: engage in the pursuit of knowledge or generating new ideas
- Expert Status: be acknowledged as an expert in a given field
- Creativity: originate and develop new ideas
- Aesthetics: appreciate the beauty of things and ideas that I work with
- Variety: have job duties that change frequently
- Job Security: be assured of keeping my job and salary
- Recognition: be recognized or appreciated for the quality of my work

- Risk Taking: have work duties that involve trying new things, despite the chance that negative outcomes could result
 - Earning Potential: have a salary which allows me to purchase essentials as well as some luxuries of life
 - Location: live in a place which is conducive to my lifestyle
 - Status and Prestige: work in a position or organization which carries respect with my friends, family or colleagues
 - Professional Development: have a job with opportunities for growth or promotions
 - Work/Life Balance: balance time spent at work and time spent doing other activities
 - Family Friendly: have a job with policies supportive of families, including day care, flexible work schedules, etc.
 - Exercise Competence: take advantage of my strongest talents and skills on a regular basis
 - Learn New Things: be challenged to learn new skills or knowledge on a regular basis
 - High Demand: develop a desirable knowledge base or skill set to facilitate finding my next job
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Self Assessment Summary Tables

Skills Summary

1 Highly deficient	2	3	4	5 Highly proficient
<ul style="list-style-type: none"> Teaching in a classroom setting 	<ul style="list-style-type: none"> Writing grant proposals Training and mentoring individuals 	<ul style="list-style-type: none"> Critical evaluation of scientific literature Navigating the peer review process Writing scientific publications Presenting research to scientists Presenting to nonscientists Developing/managing budgets Managing data and resources How to negotiate Deep knowledge of my specific research area Technical skills related to my specific research area 	<ul style="list-style-type: none"> Broad based knowledge of science Experimental design Statistical analysis Interpretation of data Writing for nonscientists Providing instruction and guidance Providing constructive feedback Planning and organizing projects Delegating responsibilities Creating vision and goals Serving as a role model Careful recordkeeping practices Demonstrating responsible authorship and publication practices Demonstrating responsible conduct in human research Demonstrating responsible conduct in animal research Can identify and address research misconduct 	<ul style="list-style-type: none"> Creativity/innovative thinking Basic writing and editing Speaking clearly and effectively Seeking advice from advisors and mentors Negotiating difficult conversations Demonstrating workplace etiquette Complying with rules and regulations Upholding commitments and meeting deadlines Maintaining positive relationships with colleagues Contributing to discipline (e.g. member of professional society) Contributing to institution (e.g. participate on committees) Dealing with conflict Time management Leading and motivating others Understanding of data ownership/sharing issues Can identify and manage conflict of interest

- | | | | | |
|--|--|--|---|---|
| | | | <ul style="list-style-type: none">• How to identify career options• How to interview | <ul style="list-style-type: none">• How to maintain a professional network• How to prepare application materials |
|--|--|--|---|---|
-

Interests Summary

1 I would like to never do this in my career	2	3	4	5 I would like to do this often in my career
<ul style="list-style-type: none"> • Building new devices or developing/refining techniques • Performing research with animal subjects • Performing research with human subjects 	<ul style="list-style-type: none"> • Performing experiments • Planning new scientific projects or developing new research directions • Learning how to use new equipment or techniques • Teaching in a classroom setting • Developing curricula • Mentoring or teaching one-on-one • Analyzing financial data or budgets • Assessing business trends and strategies, entrepreneurial ideas 	<ul style="list-style-type: none"> • Designing experiments • Analyzing experimental results • Writing grant proposals • Writing scientific manuscripts • Using qualitative methods in understanding science (e.g., focus groups, in-depth interviews, field observations) 	<ul style="list-style-type: none"> • Writing project reports or other business-related correspondence • Creating presentations 	<ul style="list-style-type: none"> • Writing position papers or policy papers • Representing data in figures/illustrations • Giving presentations about science • Reading papers in your field • Learning about other fields • Thinking about science • Keeping up with current events in science • Discussing science with others • Attending conferences or scientific meetings • Using quantitative methods in understanding science (e.g., statistics, mathematical modeling) • Writing about science to non-scientists • Speaking about science to non-scientists • Developing collaborations • Negotiating agreements • Serving on committees • Working in a team

				<ul style="list-style-type: none">• Networking with others• Work-related travel• Organizing things, creating systems in the workplace• Planning or organizing events• Leading or supervising others
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Values Summary

1 Unimportant	2	3	4	5 Essential
<ul style="list-style-type: none"> • Predictability: have job duties that are similar day-to-day 	<ul style="list-style-type: none"> • Supervision: be directly responsible for work done by others • Physically Challenging: have a job that requires high physical demands 	<ul style="list-style-type: none"> • Competition: engage in activities that test my abilities/achievements against others' abilities/achievements • Fast Pace: work in a busy atmosphere with frequent deadlines 	<ul style="list-style-type: none"> • Work Alone: work on projects by myself, with little contact with others • Independence: work with little direction from others • Benefits Available: have health, retirement, tuition reimbursements, etc. • Not Physically Challenging: have a job that does not require high physical demands • Flexible Schedule: have some choice over the hours or days that I work • Job Tranquility: work in a low pressure environment 	<ul style="list-style-type: none"> • Help Society: contribute to betterment of world • Help Others: be involved with directly helping individuals or small groups • People Contact: have day-to-day contact with clients or colleagues • Teamwork: work in collaboration with others as part of a team • Friendships: Develop close personal relationships with people at work • Congenial Atmosphere: work with friendly colleagues • Make Decisions: have authority to decide courses of action, policies, etc. • Influence People: be in a position to change attitudes or opinions of other people • Intellectual Challenge: perform work that is intellectually stimulating • Work on Frontiers of Knowledge: engage in the pursuit of knowledge or generating new ideas

- Expert Status: be acknowledged as an expert in a given field
- Creativity: originate and develop new ideas
- Aesthetics: appreciate the beauty of things and ideas that I work with
- Variety: have job duties that change frequently
- Job Security: be assured of keeping my job and salary
- Recognition: be recognized or appreciated for the quality of my work
- Risk Taking: have work duties that involve trying new things, despite the chance that negative outcomes could result
- Earning Potential: have a salary which allows me to purchase essentials as well as some luxuries of life
- Location: live in a place which is conducive to my lifestyle
- Status and Prestige: work in a position or organization which carries respect with my friends, family or colleagues
- Professional Development: have a job with opportunities for growth or promotions
- Work/Life Balance: balance time spent

				<p>at work and time spent doing other activities</p> <ul style="list-style-type: none"> • Family Friendly: have a job with policies supportive of families, including day care, flexible work schedules, etc. • Exercise Competence: take advantage of my strongest talents and skills on a regular basis • Learn New Things: be challenged to learn new skills or knowledge on a regular basis • High Demand: develop a desirable knowledge base or skill set to facilitate finding my next job
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Career Exploration Summary

Career Resources

6/15/2021 https://www.sciencemag.org/careers/2003/02/science-policy-establishing-guidelines-setting-priorities?_ga=2.182545510.1169709122.1623681555-1360093170.1623681555

-- Interested in Science Policy (Public affairs/government affairs staff at scientific societies, foundations, government entities, or think tanks) and Science Writing (Science, medical, or technical writer or journalist; science editor; science publisher). -- wanting to communicate scientific ideas to a non-scientific community

Events

Networking

Career Advancement Goals

prepare to apply for graduate school

Name: work on personal statements for Graduation school applications

Frequency: weekly

Start date: 6/15/2021

End date: 1/8/2022

Accountability: Review application materials every Sunday to mark progress

Completed: No

Name: solidify & ask for references for graduate school

Frequency:

Start date: 7/1/2021

End date: 9/1/2021

Accountability: Will need to relieve letters by completion date due to first graduate school application due August 31

Completed: No

Seek mentorship

Name: reach out to professors for mentorship/career advice

Frequency: monthly

Start date: 6/15/2021

End date: 5/31/2022

Accountability: Every month try to talk to a new professor (this summer and when returning to campus) about how they got to where they are, as well as ask for career advice.

Completed: No

Enhance self-awareness of my career interests, skills, and values

Name: sign up for nature or other science newsletter subscription to stay informed on current scientific/ecology topics

Frequency: weekly

Start date: 6/15/2021

End date:

Accountability: Every sunday morning try and read these newsletters before the start of the week.

Completed: No

Enhance personal wellness

Name: balance work and school life; make sure to study AS WELL AS take care of yourself and pursue personal interests

Frequency:

Start date: 6/15/2021

End date:

Accountability: If feeling stressed, take time to see how time management could be improved.

Completed: No

Learn more about particular career options

No goals.

Get experience (internship, part-time position, volunteering, job simulation, etc.)

No goals.

Engage the public about science

Name: try to post interesting articles on social media platforms to share with connections

Frequency: monthly

Start date: 6/15/2021

End date:

Accountability: [low priority action] This has been something I have been trying to increase with social media practices

Completed: No

Attend workshops, site visits, conferences, or events related to my career interests

attend more career events at the Pitzer College Keck Science Center
Name: such as professional development, and virtual workshops over the summer
Frequency: weekly
Start date: 6/15/2021
End date:
Accountability: Carefully checking email for updated lists of events once back at school, and look actively for virtual events over the summer
Completed: No

Enhance my professional network

Name: increase use of LinkedIn professional social network, as well as add more colleagues when introduced
Frequency: monthly
Start date: 6/15/2021
End date:
Accountability: Check LinkedIn with other social media on a weekly basis
Completed: No

Get involved in a professional organization

Name: search for a professional organization related to science policy
Frequency:
Start date: 6/20/2021
End date: 6/20/2021
Accountability: This week I will be accountable about looking for an organization to join, and see how to go about it to establish a professional network.
Completed: No

Get involved in a local/regional committee or group

Name: get more involved on campus in the fall with environmental groups
Frequency: monthly
Start date: 8/13/2021
End date: 5/31/2022
Accountability: I will be accountable due to my existing connections through the Robert Redford Conservancy, as well as having already applied to a research position in the Fall. Will keep trying to expand my involvement.
Completed: No

Prepare CV/resume, cover letter, teaching/research statement, etc.

Name: finalize CV/resume for graduate school with all of accomplishments thus far

Frequency:

Start date: 6/15/2021

End date: 8/1/2021

Accountability: I will meet with the Pitzer College Career Counselor in the Fall to go over my CV and see what changes I can make.

Completed: No

Prepare for interviews

Name: read articles about how to prepare for graduate school/fellowship interviews for the fall semester.

Frequency: weekly

Start date: 6/15/2021

End date: 1/8/2022

Accountability: I will subscribe to a professional listserv that will email information like this to me so I am able to consume this information throughout the week.

Completed: No

Join or form a peer group to help me follow through on my career advancement goals

Name: join a peer group/professional group at school to build a successful network for post-grad

Frequency: monthly

Start date: 8/13/2021

End date: 5/31/2022

Accountability: Check in with other graduating peers to explore what connections they are making to professional groups for post-graduate connections.

Completed: No

Skills Development Goals

Critical evaluation of scientific literature

Name: read more relevant scientific literature

Frequency: weekly

Start date: 6/15/2021

End date: 5/31/2022

Accountability: I hope to sign up for a listserv that will send me interesting articles every week to explore, hence furthering my knowledge and critical evaluation of scientific literature.

Completed: No

Writing scientific publications

Name: publish an already written review.

Frequency: monthly

Start date: 6/15/2021

End date: 5/31/2022

Accountability: I have written reviews for classes before, and hope to submit these reviews after editing to journals for undergraduate student publications.

Completed: No

Writing for nonscientists

Name: Create general summaries for scientific literature

Frequency:

Start date: 6/15/2021

End date: 5/31/2022

Accountability: When reading scientific literature, I want to make a practice of at least writing summary notes at the end of the article summarizing the main points. I hope this practice will help me communicate more effectively with a general audience.

Completed: No

Presenting to nonscientists

Name: Talking to friends and family about scientific topics/literature/current projects

Frequency: weekly

Start date: 6/15/2021

End date:

Accountability: While this might not help formal presentations, I want to increase my scientific communication skills with a nonscientist audience such as friends and family. I hope furthering these skills informally will help me professionally.

Completed: No

Project Completion Goals

Perform data analysis

Name: Improve data analysis skills

Frequency: daily

Start date: 6/15/2021

End date: 8/1/2021

Accountability: In the past year with Prof. Muth, I have been working on extensive data analysis and I believe I will continue to do this work daily. I hope to improve my data analysis skills.

Completed: No

Create graphs and illustrations

Name: Improve usage of data visualization programs

Frequency:

Start date: 6/15/2021

End date: 8/13/2021

Accountability: In the past year with Prof. Muth, I have been working on graphs and illustrations through learning suits like QIIME2, Microbiome DB, and Nephele. I hope to continue this work this summer.

Completed: No

Prepare presentation (talk, poster, etc.)

Name: Prepare and practice on scientific presentation skills

Frequency: weekly

Start date: 6/15/2021

End date: 8/13/2021

Accountability: I presented with Prof. Muth at Brooklyn College Science Day, and hope to continue working on presentation skills of relevant research throughout BUEE.

Completed: No

Prepare for thesis or mentoring committee meeting

Name: Prepare for thesis committee in the Fall of 2021

Frequency: monthly

Start date: 6/15/2021

End date: 1/8/2022

Accountability: I will be accountable by setting specific dates (i.e. July 1 for reference letters/ask for members to sit on my committee for thesis) so I can pace myself.

Completed: No

Mentoring Summary

Mentor

Role

Prof. Branwen Williams

Prof. Williams will be the reader of my thesis for the Fall of 2021, and is currently my major Advisor. She advises me on classes to take, as well as career opportunities and graduate programs to apply

Prof. Theodore Muth

I have been working with Prof. Muth for the past year on sustainable green roof practices, and will work with him this summer as a part of the BUEE program. I hope, this summer, to talk with Prof. Muth about career opportunities, as well as learn from him from his vast scientific knowledge and research background. I also hope to inquire about the grant proposal process in order to learn more.