

# UD COVID hackathon



UNIVERSITY OF DELAWARE

**DATA SCIENCE  
INSTITUTE**

**UD COVID-19 Hackathon** |

# Organizers

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Eric Best [ericbest@udel.edu](mailto:ericbest@udel.edu)

Rahmat Beheshti [rbi@udel.edu](mailto:rbi@udel.edu)

Federica Bianco [fbianco@udel.edu](mailto:fbianco@udel.edu)

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Chase Cotton [ccotton@udel.edu](mailto:ccotton@udel.edu)

Gregory Dobler [gdobler@udel.edu](mailto:gdobler@udel.edu)

Sally Dodson-Robinson [sdr@udel.edu](mailto:sdr@udel.edu)

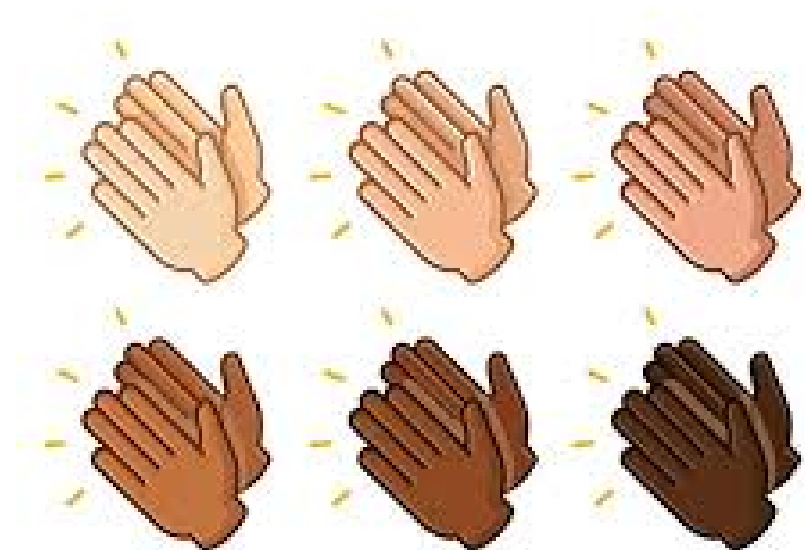
Sophia Freeney [sfreeney@udel.edu](mailto:sfreeney@udel.edu)

Andrew Novocin [andynovo@udel.edu](mailto:andynovo@udel.edu)

Cathy Wu (DSI director)

Andrea Trungold ([andreat@udel.edu](mailto:andreat@udel.edu))

# thank you!!



# Participants

57 signed up as of 3PM

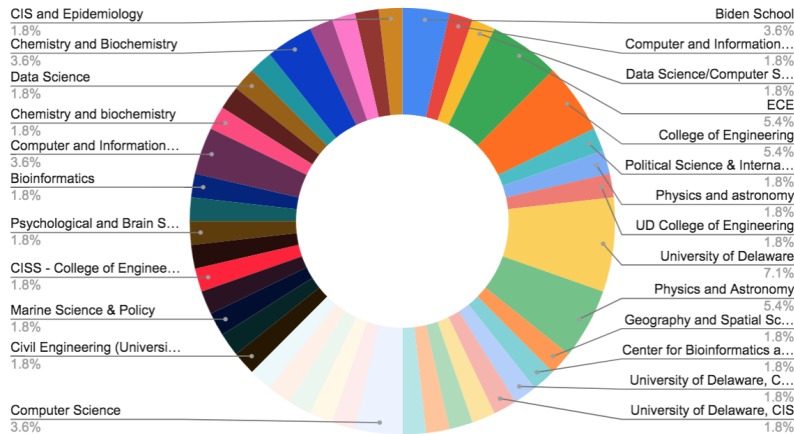
65 on our slack



# thank you!!

(but please do sign up!)

Count of Department or School

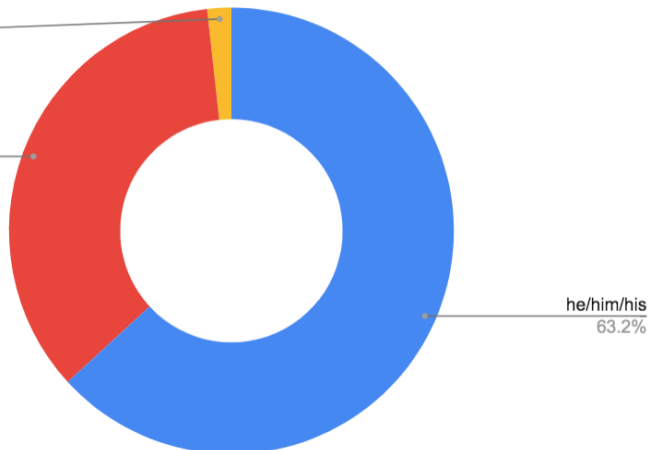


they/them/theirs

1.8%

she/her/hers

35.1%



he/him/his

63.2%



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65 on our slack



# thank you!!

(but please do sign up!)

in order to participate you will  
need to agree to obey by the  
Code of Conduct!

## Code of conduct

TL;DR. Be respectful and kind. Harassment and abuse are not tolerated. If you are in a situation that makes you uncomfortable or unsafe please consult one of the organizers by direct message on slack or by email.

Harassment includes but is not limited to: intimidation, online stalking, harassing, belittling, recording images or dialogs without permission, sustained disruption or interruptions, offensive verbal or written comments related categories to gender, age, sexual orientation, disability, physical appearance, body size, race, religion, social class, economic status, veteran status, sexual images, and unwelcome sexual attention.

Attendees should not use sexualized images, activities, or other material both in their hack presentations and in communication with other participants.

If what you're doing is making someone feel uncomfortable that is enough reason to stop doing it. Participants asked to stop any harassing behavior are expected to comply immediately. **Reporting Procedures:** If you feel uncomfortable or think there may be a potential violation of the code of conduct, please report it immediately to one of the organizers by direct message on slack or by email. All reporters have the right to remain anonymous. Keep in mind that the mentors who are faculty at the University of Delaware are mandatory reporters for discrimination acts according to title IX (also see <https://www.google.com/url?q=https://github.com/fedhere/FBBTeamResources/blob/master/TitleIX.md>).

If a participant engages in harassing behavior, the organizers may take action including reporting to official University channels. The organizers identified an ombudsperson Andrea Trungold ([andreat@udel.edu](mailto:andreat@udel.edu)) for confidential reporting since she is not a mandatory Title IX reporter for confidential reporting. The ombudsperson can be reached at: [UDCovidhack.ombudsperson@gmail.com](mailto:UDCovidhack.ombudsperson@gmail.com)

This is a UD event and it complies with the University policies including <https://www.google.com/url?q=https://cpb-us-w2.wpmucdn.com/sites.udel.edu/dist/3/3423/files/2017/08/2017-08-11-Non-DiscrimPolicyFINALupdated120170829-1had7n.pdf> <https://sites.udel.edu/sexualmisconduct/policies/>



# how will the hackathon work?

## schedule

Thursday May 7	4:30-6	Meet-and-greet	meet the organizers and the other participants on Thursday, May 7th 4:30–6 PM. This meeting is optional, but it is a great opportunity to ask questions about how hackathons proceed, about the three tracks, and about any project ideas you might have.
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*items in bold require your presence!*

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# how will the hackathon work?

## itches



# how will the hackathon work?

## projects

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<https://github.com/UDDSI/COVID19hackathon>

README.md

**This folder contains project descriptions, data, and links to data. You can find notebooks that explain how to access and load data.**

### Proposed Projects:

(more projects will be added: check again!)

#### by the organizers

- [Environmental Track: Impact of ShutDown on Emissions](#) Tags: data collection, data processing, data fusion, time series analysis
- [Environmental Track: Traffic](#) Tags: image processing
- [Response Track: Political Communication from Twitter Sentiment](#) Tags: data collection, data processing, data fusion, NLP, writing
- [Support Track: Equitable Access to Digital Healthcare and Education](#) Tags: data collection, data processing, data fusion, visualizations, mapping, census
- [SupportTrack: Socioeconomic Vulnerability and COVID19](#) Tags: Coding, GIS, data manipulation, data fusion, visualizations, predictive modeling, web design, census



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UDCOVIDhackathon

Federica Bianco

Files

Show less

Channels

- # connection
- # covid-hackathon-for-del...
- # data
- # datasets
- # general\_non\_hackathon
- # hack-equitable\_access\_to\_dig...
- # hack-impact-of-shutdown-on...
- # hack-political\_communicatio...
- # hack-socioeconomic\_vulnera...
- # hack-traffic
- # hackathonprep
- # help
- # hi\_my\_name\_is
- # i\_am\_looking\_for\_someone\_...
- # ideas
- # pettherapy
- # random

# how will the hackathon work?

## pitches

### propose a project

---

1. describe the idea in the #ideas channel on slack. Get initial feedback
2. if it seems like it would work write a "proposal" using the template [templateToProposeProject.md](#)
3. if you can fill in all fields notify the [organizers](#) (ideally on slack) that the proposal is ready. If you cannot fill in some fields continue discussing this in #ideas on slack

### prepare a pitch

---

Prepare a **2 minutes max** presentation, your project pitch, which will be shown on the first day: in this presentation clearly state the question and its relevance, the deliverable, and the skills required. You can have 1 slide if you need it. Deliver the slide to [Federica Bianco](#) by thursday 10PM

### build a team

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if you proposed a project you should build a team to work on it. Make sure you assemble a team with all the required expertise. If you cannot do that with the volunteers that offer to join your team first ask in the [#i\\_am\\_looking\\_for\\_someone\\_who\\_can](#) slack channel, then if you are still not lucky consider a rescoping that is supported by your current team. Feel free to contact the organizers as well

# how will the hackathon work?

## Team Assembly

once you figure out what you would like to work on, or if you have questions before deciding, contact the pitchers on slack !

### join a project

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read all project proposals on github, if you are interested in one of them contact the proposers (identified at the top of the template). Tell them how you plan to contribute

# how will the hackathon work?

## work on projects

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make a plan with your team, you can only work on some aspects of the project and coordination is essential

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let your team know when you will and will  
not be available.

keep an eye on Slack!

# how will the hackathon work?

## checkin

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Schedule a check-in with the organizers:  
we want to make sure you have everything  
you need half the way through the  
hackathon!

# how will the hackathon work?

## presentations!

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Yes, the presentations are mandatory!

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Yes, the presentations are mandatory!

we want to learn from you!



# how will the hackathon work?

## presentations!

### prepare a presentation

---

You will have only a few minutes to present, how many will depend on how many teams are formed.

- Prepare 2-5 slides that describe the problem, the proposed solution, the result if any, the difficulties you encountered.
- Make sure you highlight what did not go right in the process, this will help you or others continue developing this project
- Make sure you list your team members!
- Tell everyone if you intent to continue working on the project, and if so other participants that are interested in contributing should contact you, or if you are ok with others pushing the project forward without you
- Decide who will present. It can be more than one person, but the presentations are very short so likely having more than one or two presenter would be difficult
- Make sure your slides and graphics and readable. Hints to prepare accessible visual content can be found [here](#)

Every team has to report on what they did by presenting at the end of the day. This hacathon has no competitive component, and in any case a "winning" hack would not necessarily be one that *completed* a project, but rather one that contributed to the solution the most, even if that means that the team identified the proposed solution as not viable. So there is no pressure about presenting a finished work. Everyone knows that this is a hackathon, that time is minimal, and that the goal was to explore ideas.

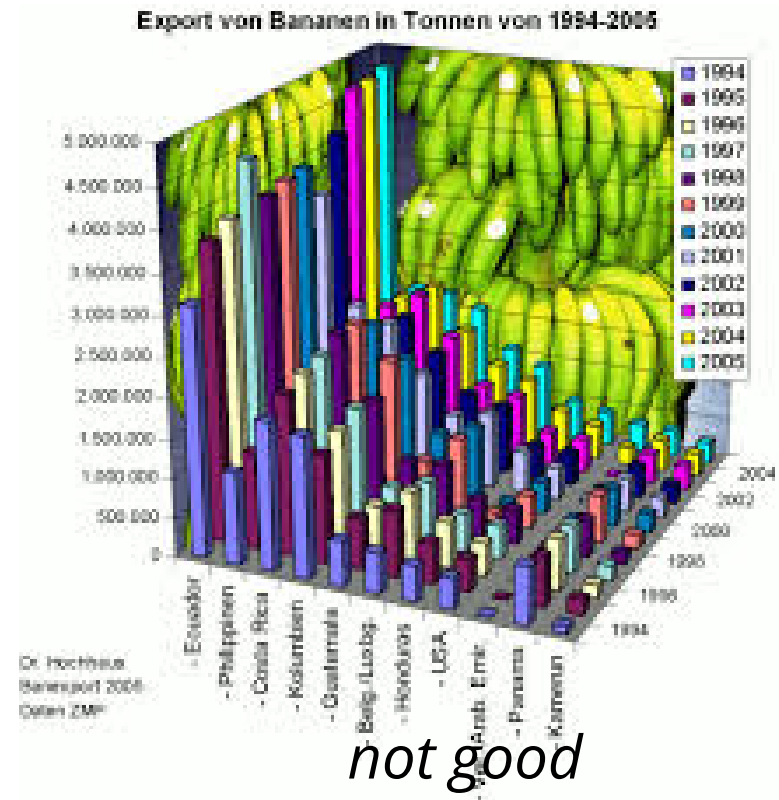
Yes, the presentations are mandatory!

# how will the hackathon work? presentations!

max 5 slides per presentation!



*good*



Yes, the presentations are mandatory!

tips for accessible visual content

<https://github.com/fedhere/FBBTeamResources/blob/master/AccessibleVisualContent.md>

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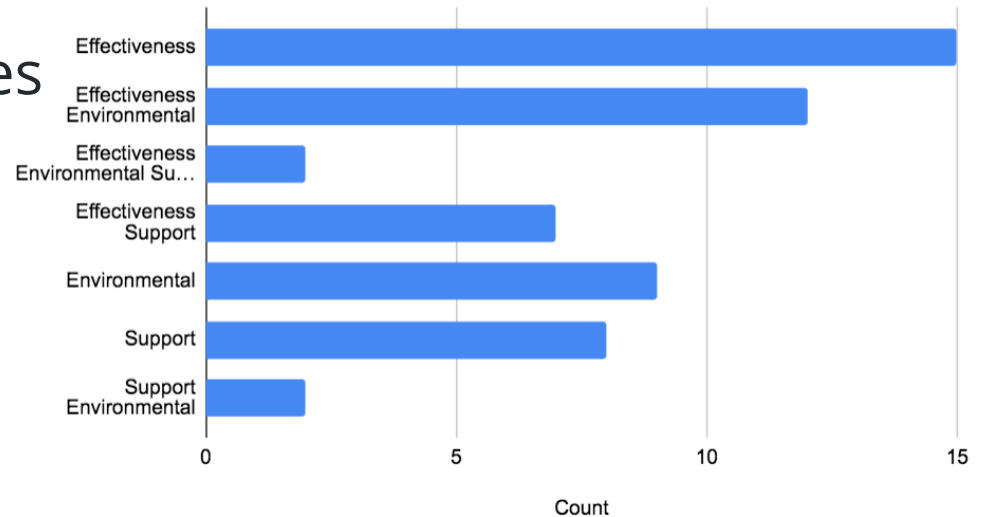
we want to learn from you!

nobody expects the project to be polished, we only had a few hours!

# how will the hackathon work?

## projects

1. Effectiveness of the DE response to COVID challenges compared to similar and neighboring states
2. Support and resources for the UDel community
3. Environmental impact of the shutdown



# how will the hackathon work?

## mentors

[https://docs.google.com/spreadsheets/d/e/2PACX-1vTzv8c8TFa7W\\_YSl1qI6bTh8Z-sNm4JZkepTOMrUayGdg2b3sfb8JCylgk0n469C2H31eukV3waopw-/pubhtml?widget=true&headers=false](https://docs.google.com/spreadsheets/d/e/2PACX-1vTzv8c8TFa7W_YSl1qI6bTh8Z-sNm4JZkepTOMrUayGdg2b3sfb8JCylgk0n469C2H31eukV3waopw-/pubhtml?widget=true&headers=false)

sign up to be a mentor!

[https://docs.google.com/spreadsheets/d/12hzaYvPlxDwqaRohQXlpGJ3FFmb\\_0M4rbZQLKHi7Xig/edit?usp=sharing](https://docs.google.com/spreadsheets/d/12hzaYvPlxDwqaRohQXlpGJ3FFmb_0M4rbZQLKHi7Xig/edit?usp=sharing)



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see you tomorrow  
at 9AM!