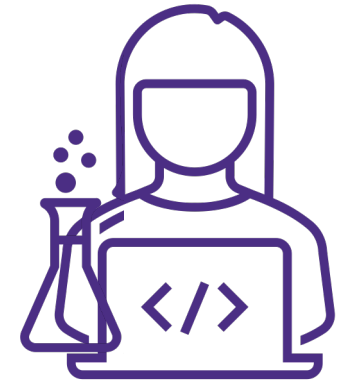


*First of her name:*  
Fostering R usage as the  
first bioinformatician in my  
department

Kim Dill-McFarland  
2021.06.05 · Cascadia R

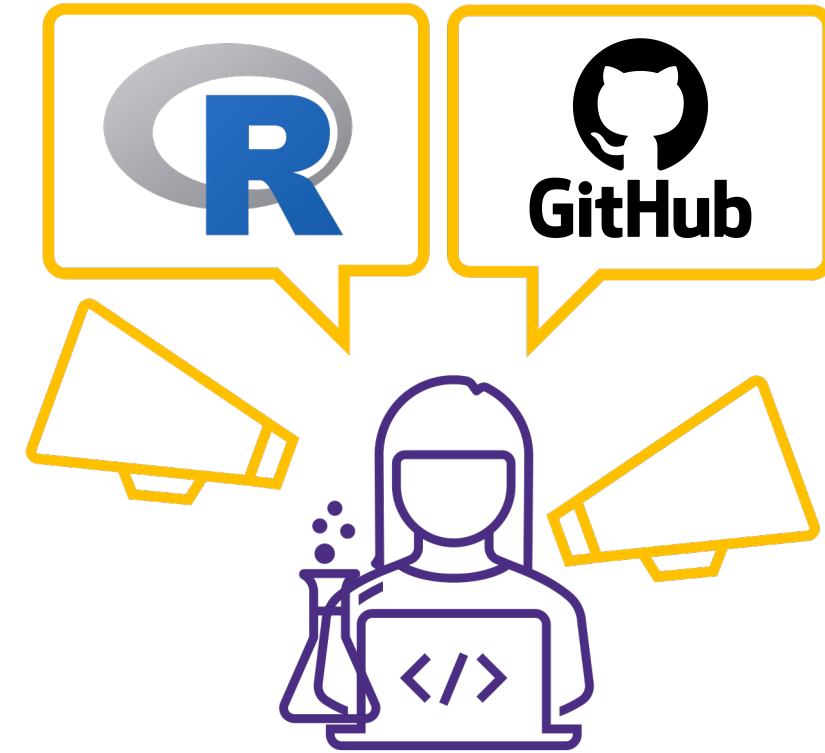
# The setting

**W**  
UNIVERSITY *of*  
WASHINGTON  
School of Medicine



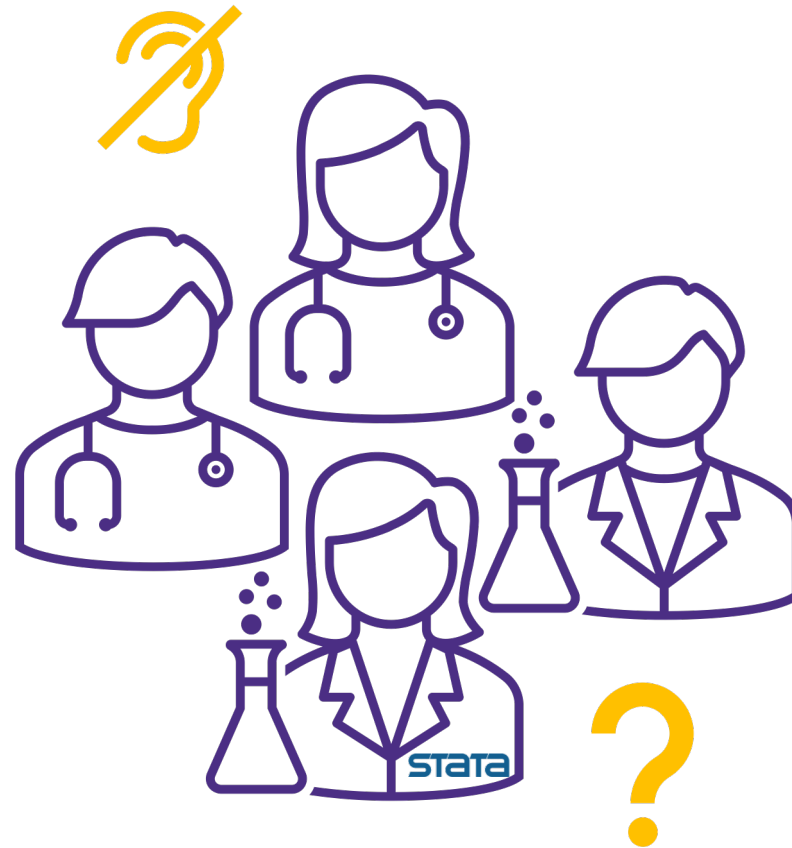
# What I wanted to do

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# What I did

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# What I did later

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Workshops  
Office hours  
Community  
...

# Workshops




[Pull requests](#) [Issues](#) [Marketplace](#) [Explore](#)


















[hawn-lab / workshops\\_UW\\_Seattle](#)

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 **kdillmcfarland** Update README.md 3fe0cce 14 days ago 80 commits

	2019.08_Git.GitHub	Add GitHub workshop 2019	14 months ago
	2020.03.27_IntroR	Add IntroR 2020	14 months ago
	2020.04.03_RNAseq_DE_analysis	Add ggplot workshop	13 months ago
	2020.04.28_AWS	Update AWS video	13 months ago
	2020.05.12_linear_models	Add notes from UBC full workshop	12 months ago
	2020.05.26_R_loops_apply	Add loops, apply workshop	12 months ago
	2020.06.02_model.building.discuss...	Add stats discussion 2	11 months ago
	2020.06.09_Rmarkdown	Add Rmd workshop	12 months ago
	2020.06.30_R.functions	Create 2020.06.30_R.functions.mp4	11 months ago
	2020.07.01_IntroR	typo	6 months ago
	2020.07.07_Data.imputation	Create imputation summary	11 months ago
	2020.07.14_LDheatmap	Add LDheatmap tutorial	10 months ago
	2020.07.21_for.loops_lm	Add linear model loop workshop	10 months ago
	2020.07.28_mediation.analysis	Add mediation script review	10 months ago
	2020.08.11_FDR	Update 2020.08.11_live.notes.txt	10 months ago
	2020.12.10_automation	Add live notes	6 months ago
	2021.01.14_git	Update 2020.02.11_git_SD.Zoo.ICR.pptx	2 months ago



[https://github.com/hawn-lab/workshops\\_UW\\_Seattle](https://github.com/hawn-lab/workshops_UW_Seattle)

# Maximize workshop effects

- Customize content to work tasks or skills
- Several, shorter sessions
- Get higher-ups to attend
- Eliminate costs for learners
- Record and share recordings



# Workshop pitfalls to avoid

- Coding beyond foundational knowledge (statistics!)
- Teaching what *you* think they should know
- Being too practiced and polished

# Open office hours

# Maximize office hours

- Consider a remote format for accessibility
- Have another task like [TidyTuesday](#) to collaborate on or use the time to respond to related messages
- Define themed events to coincide with work deadlines

# Office hour pitfalls to avoid

- Repeatedly changing time, day, location, or canceling
- Letting it turn into a social hour
- Taking too many additional meetings for individual questions

# Things that didn't work / worked less well

- Waiting for them to come to me
- Department-wide Slack channel and office hours
- Bioinformatics seminar series

# Key take-aways

- Dedicate time and personnel to make a change
  - Organize custom, targeted workshops
  - Create a casual forum for getting help
  - Build a community of practice
- 
- Not everyone needs to become a super user
  - You're not alone!

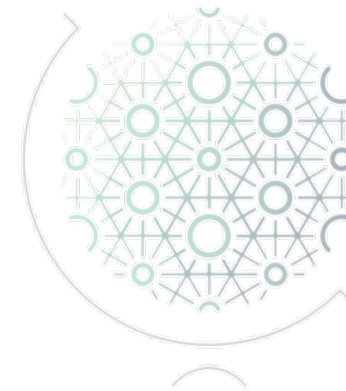
# Free R workshop resources

- The Carpentries
  - <https://carpentries.org/workshops-curricula/>
- EDUCE at UBC
  - [https://github.com/EDUCE-UBC/workshops\\_access](https://github.com/EDUCE-UBC/workshops_access)



Dr. Thomas Hawn's lab

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**U**ndergraduate  
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