MARC Summer Support Ideas

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## MARC Summer Support

This respositry is developed by Jacob Green to organize and support MARC students over the Summer of 2020. I will be scheduling meetings, planning sessions, and other resources through this directory. If you have any questions please reach out to me at here [gree9242@uri.edu](mailto:gree9242@uri.edu).

### Description

MARC summer meetings support students’ research experiences, strengthens research and professional skills, and helps prepare them for graduate school.

There are 3 areas that MARC coordinators be providing guidance for MARC trainees.

1. Summer research discussions
2. Professional development
3. Computational Support

### Summer research discussions

These meetings are meant to provide a platform for MARC trainees to discuss their ideas, triumphs, and concerns over their summer research program. Meetings will last from and 1.5 to 2 hours. The typical meeting will be outlined as follows:

* Check-in (10-20 minutes)
* Warm-up (10-20 minutes)
* Meeting activity (50-60 minutes)
* Wrap-up (20 minutes)

Check-ins will give trainees the opportunity to update coordinators about what is going on in their programs and how they are doing.

Warm-up’s are meant to help students organize, prioritize, and record their ideas.

Meeting activities will vary depending on the goals of the session and what trainees would like to accomplish. They will generally fall into two categories: 1) professional development 2) programming and bioinformatic work. Professional development will be focused on preparing for graduate school applications, finding funding opportunities, writing research abstracts, communicating research, and CV/academic resume building. Programming and bioinformatic work will focus on gaining the necessary skills through a bioinforamtics project. This will be outlined elsewhere, but we will be taking a [CURE](https://www.hhmi.org/science-education/programs/model-programs-course-based-undergraduate-research-experience-cre-or-cure) based approach to learning these skills.

Wrap-up’s will be a closing opportunity that will help trainees summarize what work was accomplished in the meeting session and to clarify any support they need moving forward.

### Schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Week | Day | Date | Activity | Time & Place |
| 1 | MON | 06/01/20 | Research Ethics |  |
| 2 | MON | 06/08/20 | Grad School 101 |  |
| 3 | MON | 06/15/20 | CV/Academic resume |  |
| 4 | MON | 06/22/20 | Intro to coding |  |
| 5 | MON | 06/29/20 | Abstract Writing |  |
| 6 | MON | 07/06/20 | Coding for Scientists |  |
| 7 | MON | 07/13/20 | Communicating research |  |
| 8 | MON | 07/20/20 | Bioinformatics I |  |
| 9 | MON | 07/27/20 | Bioinformatics II |  |
| 10 | MON | 08/03/20 | Research Poster |  |
| 11 | MON | 08/10/20 | Poster workshop |  |
| 12 | MON | 08/17/20 | Open workshop |  |
| 12 | FRI | 08/21/20 | Virtual Presentations |  |

### Deliverables

|  |  |
| --- | --- |
| Product | Complete by 12 pm on this date |
| Reseach Planning Guide | June 19th (or by arrangement) |
| Mid Summer Reflection | July 10th |
| Final Abstract | July 15th |
| Draft Research Poster | August 5th |
| Final Research Poster | August 10th |
| End of Summer Reflection | August 21st |