

LINKS: [LandingPageSummer24VDS](#) (LINK TO THIS PAGE) [DailyScheduleVDSSumm24](#)

[Targets](#) [Research Pages](#) [ProtocolsVDSs](#) [ProtocolLinks](#) [VDSs](#)

- [Summer 2024 HSRA](#) (slides)

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OLD LINKS: [LandingPageSummer23VDS](#) (old) [DailyScheduleVDSSumm23](#) (old)

[ConflictsStudentsVDSSumm23](#) (old)

STICK STUFF (stays at top): ++++++^

Research Goals

Have fun & learn new skills! Advance the projects.

Identify small molecule binders against proteins implicated in disease.

ARI - DSF kinetic or thermodynamic unfold

FRI -

- VR Goggles - for those that haven't done VR, do it. For those that have, then extend it with looking at docked ligands from your Spring dockings.
- Targets projects
- Cloning projects

HSRA

- HRI project refining, improving
- Clone EhPTP-GBR22
 - GBR22 alpha fold structure in order to visualize in PyMOL
-
- Clone other YpFabG?
- HRI Project
 - refine w/ Sylvia
-

DATES: ~7 weeks:

- June **10th**, 2024 Monday ----- Friday July **26th** 2024 w/ (Juneteenth is a holiday, 4th of July is a Holiday)
- **TIME:** 12:30 or 1pm start time through - late afternoon/early evening each day
- - ~ 20 hrs/week so roughly 4 hrs per day. Some days shorter, some longer depending on what we are doing.

1st meeting - Monday June 10th @ 1pm in Lab (PAI 2.14)

- We will refine the schedule depending on what we are working on and conflicts

SCHEDULE OF WEEKS :

Week 1 Jun-10 Monday

Week 2 Jun-17 Monday

- Off Juneteenth (19th) - Wed

Week 3 Jun-24 Monday

Week 4 Jul-2 Monday

Week 5 Jul-9 Monday

- Off 4th of July for Independence
Day

- Off 5th of July

Week 6 Jul-16 Monday (HSRA end on
Wed)

Week 7 Jul-23 Monday

Safety

Make sure you have a pair of long pants (e.g. scrub pants) that you keep in lab as back ups if you forget to wear long pants.

VDS Summer Staff

ARI Mentors (put conflicts in parentheses)

Zach

Chris

Sophie

FRI Mentors (put conflicts in parentheses)

Sylvia (HRI) - 7 weeks

Sylvia (FRI) - 7 weeks

Catalina - 6 weeks

Xander - 7 weeks

Annaily - 6 weeks (no fridays also)

Sarah - 4 weeks (first 4)

Adyn - 7 weeks

Arnav - 2 weeks in June/July

Lifei - 3 weeks in June

Need to check DI status: Zach, Sophie, Annaily, Sarah, Adyn.. 6/8/24

ARI Summer Folks

- Put any schedule comments below your name

ARI Wet Lab Students-Researchers - 9 folks (put conflicts in parentheses)

Andrea

Ivan

Chase - certain weeks

Megan

Sharon

- (will be going home occasionally though this will be on a case-by-case basis; no Fridays if possible to accommodate travels home)

Ifeanyi

Salvador

Erna - (no Fridays) - Please schedule first 4 weeks only

Celeste

Dora (virtual)

IndRes (put conflicts in parentheses)

FRI Summer Folks

FRI Students-Researchers - 9 folks

Raina - out last week of summer research (July 22-26th)

Antonia

Mahitha

Haneef

Sam

Douglas

Vaughn - certain weeks - 1st four Weeks

Daniel M

George - certain weeks

Virtual Club (put conflicts in parentheses)

? others

HSRA (High School Research Academy)

HSRA Folks - 8 folks

- Katherine K (Katie)
- Hrishikesh S (Hrish)
- David L
- Cynthia C
- Isabella W
- Mariana L-S
- Aasrita P
- Vishali M
-
- Schedule notes:
-
-
-

HSRA Guidelines/Rules

Dr. B must login each HSRAer on the Idea Logic platform:

[Ideal Logic HSRA attendance](#) (Dr. B or Sylvia to add them)

Physical sign-in sheet - [CANVA Sign In Template](#)

Ok to have a HSRA student-only REMIND. Or email during day.

Email only 8-6pm , Remind is alternative that can be outside these hours

Daily lunch space available for HSRA participants: **WEL 2.246** ????

- **Wed lunch talks (by HSRA program)**
 - ?????
- **Opening Event**

- **Closing research poster symposium**

??

Rules of Interaction for minors (HSRA students with mentors and faculty and other VDSers)

HSRA students must Sign In and Sign Out of lab

2 DIs at all times

MIDDLE SCHOOL (Shadow a Scientist program through Dr. Greg Clark)

[Shadow A Scientist | Freshman Research Initiative](#)

Mentors:

-

Students: varies each week (1-3 students)

Time: Wednesdays **2pm-3:50 pm** - Middle schoolers (2 students) visit remotely

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- **Wednesday, June 12th**
- **Skip a week**
- **Wednesday, June 26th**
- **Wednesday, July 3rd**
- **Wednesday, July 10th**
- **Wednesday, July 17th**

ROUGH PLAN for MIDDLE SCHOOLERS

- See [ProtocolLinks VDSs](#) for Middle School activity