



ASDRP

Aspiring Scholars Directed Research Program

[NewsBytes]

Week of January 24-31, 2025

Announcements, Shoutouts, and Accolades

ASDRP Research Groups Move to Google Spaces

Effective this week, all research groups will move to Google Spaces, managed through our G-Suite platform. Our Parent Slack and Faculty & Staff Slack will remain active, while all other student-centered communications networks will migrate to Google Spaces.

Communication Standard for Students and Parents

ASDRP expects the entire ASDRP Community to uphold only the highest standards of communication and protocols. Our number one priority is the safety and well-being of our student researchers. Whether on campus in the laboratories or working online with a remote research team, our policy is for advisors, students and administration/staff to use their ASDRP Google Suite account (email, chat, google meet, docs, sheets, etc.) for all communication between students/advisors, students/students, students/administration as well as advisors/parents and administration/parents (Slack Parent Workspace is used for parents as well).

Please note that ASDRP policy prohibits unsolicited contact between student researchers and other parents/guardians of other students. Students should not be sharing their personal contraction information with non-family members, such as cell phone numbers. Students however may of course share contact information amongst themselves, provided that all said students are currently enrolled student researchers. Further, parents are prohibited from soliciting personal contact information from minors at ASDRP, such as social media, text/phone, etc.

An updated communication and acceptable use policy will be posted on the student and parent portals by February 1, 2025.

Kushnerov Lab showcases AI-powered Digital Health Tool

Last week, Martin Kushnerov, a faculty member in the Biology Department, held an open house event for Kushnerov lab parents showcasing the latest results from their group in developing an artificial intelligence powered chatbot that helps medical professionals provide diagnoses for patients in a more uniform, data-driven way. Very cool!

Events schedule list is subject to change with or without notice. Please check the ASDRP website for the most up to date information.

© Aspiring Scholars Directed Research Program 2025, All rights reserved.

ASDRP is a production of Olive Children Foundation, a 501(c)(3) nonprofit organization in Fremont, California.

[\[Link to Public ASDRP Events Calendar\]](#)

Thank you, Chronus Health and Fresenius Medical Care for Donations!

This week, thanks to the generosity of Chronus Health (Fremont, CA) and [Fresenius Medical Care](#) (Concord, CA) for two loads of donations to ASDRP, including new furniture for our seminar room, new office chairs, laboratory reagents and equipment, glassware, and over 450 lb. of consumables. As many in our community know, a large amount of operations at ASDRP are powered by donated materials, equipment, and supplies from our many community and corporate partners and supporters.

Mixers this weekend - come join us!

Each semester, our academic departments host mixer events for parents, new students, and current students to enjoy the afternoon with our faculty and staff. Come join us for free food, connecting with advisors, and enjoying the crisp winter air on campus! Our Life Science faculty are hosting a mixer on Saturday afternoon from 3-5 PM, and our CSE faculty will be on Sunday afternoon at 1-3 PM.

On the Horizon: Upcoming Events

Saturday, January 25, 2025 @ 10:00 AM - 11:30 AM

Research 101, Module 1: “Welcome to Research”, Prof. Clinton Cunha

This Saturday, our foundations of research course for first semester students launches! Research 101 is mandatory for all first semester students, and covers the fundamentals of research methodology, best practices, and basic statistics and writing skills. This week, Prof. Cunha will be sharing the student code of conduct, basic research ethics, and examples of research misconduct. First Semester Students are required to join us at [10:00 AM PDT via Zoom](#).

Saturday, January 25, 2025 @ 12:00 PM - 1:30 PM

Research 201, Module Zero: “Strategically reading the scholarly literature: what, how, and where?”, Dr. Edward Njoo

This Saturday, Research 201, our training course mandatory for all second- and third-semester students launches as well! This first module, which we have termed “Module Zero”, is an extension of fundamental skills learned in Research 101. The specific goals of this module are to train students to closely dissect the peer reviewed literature. All second and third semester students are required to join us at noon on [Google Meet](#).

Saturday, January 25, 2025 @ 1:00 PM - 2:00 PM

Starostina Lab Recruitment Session @ Engineering Lab (In-Person Only)

Open event for transfer or new students interested in joining Dr. Starostina’s research group (www.sites.google.com/asdrp.org/starostina).

Saturday, January 25, 2025 @ 3:00 PM - 5:00 PM

Life Sciences Student Mixer @ Campus Center Lot (In-Person Only)

Come join us at 3:00 PM for our student-faculty mixer. This event is for new students to meet faculty, and for current students to hang out, enjoy [free] food, and share their science with faculty in their department. Jointly hosted by [Chemistry](#) and [Biology](#) departments at ASDRP.

Events schedule list is subject to change with or without notice. Please check the ASDRP website for the most up to date information.

© Aspiring Scholars Directed Research Program 2025, All rights reserved.

ASDRP is a production of Olive Children Foundation, a 501(c)(3) nonprofit organization in Fremont, California.

[\[Link to Public ASDRP Events Calendar\]](#)

Saturday, January 25, 2025 @ 5:00 PM - 5:30 PM

Brah Lab Recruitment Session @ Google Meet

Open event for transfer or new students interested in joining Dr. Brah's research group (www.sites.google.com/asdrp.org/brah). Please note that all internal Google Meet joining is restricted to @students.asdrp.org email domains.

Google Meet Link: <https://meet.google.com/crk-fprf-noz>

Saturday, January 25, 2025 @ 8:00 PM - 9:30 PM

Spring School Year Seminar: The Logic of Chemical Synthesis (Dr. Njoo) @ Seminar Room

This seminar meets on Saturday nights, with a focus on retrosynthetic analysis, strategies in atom- and step-economical total synthesis of natural products, and mechanistic study of named reactions.

Sunday, January 26, 2025 @ 1:00 PM - 3:00 PM

Computer Science, Informatics, and Engineering Mixer @ HYBRID

Come join us at 1:00 PM for our student-faculty mixer. This event is for new students to meet faculty, and for current students to hang out, enjoy [free] food, and share their science with faculty in their department. **Zoom**

Link: <https://us06web.zoom.us/j/83038846152?pwd=bFV1879iUulaBdvLkXYQFkikqqgAzW.1>

Sunday, January 26, 2025 @ 4:00 PM - 4:30 PM

Brah Lab Recruitment Session @ Google Meet

Open event for transfer or new students interested in joining Dr. Brah's research group (www.sites.google.com/asdrp.org/brah). Join us on Sunday if you can't join us on Saturday. Please note that all internal Google Meet joining is restricted to @students.asdrp.org email domains.

Google Meet Link: <https://meet.google.com/crk-fprf-noz>

Monday, January 27, 2025 @ 5:30 PM - 6:30 PM

Spring School Year Seminar: "On the Importance of Data Curation" (Prof. Robert Downing)

With the increasing public access to large datasets, it has become imperative that someone in the inbound data stream has to make decisions. This is further compounded by external attempts to import data without it being validated. **Google Meet:** <https://meet.google.com/tkb-cwdf-vdr>

Monday, January 27, 2025 @ 7:00 PM - 8:00 PM

Cunha Lab Recruitment Session @ Google Meet

Open event for transfer or new students interested in joining Prof. Cunha's research group (www.sites.google.com/asdrp.org/cunha). Join us on Sunday if you can't join us on Saturday. Please note that all internal Google Meet joining is restricted to @students.asdrp.org email domains.

Google Meet Link: meet.google.com/uya-nhyb-dtz

Monday, January 27, 2025 @ 8:00 PM - 9:00 PM

Subramaniam Lab Recruitment Session @ Google Meet

Open event for transfer or new students interested in joining Prof. Subramaniam's research group (www.sites.google.com/asdrp.org/subramaniam). Join us on Sunday if you can't join us on Saturday. Please note that all internal Google Meet joining is restricted to @students.asdrp.org email domains. **Google Meet:**

meet.google.com/qji-ojfi-qbn

Events schedule list is subject to change with or without notice. Please check the ASDRP website for the most up to date information.

© Aspiring Scholars Directed Research Program 2025, All rights reserved.

ASDRP is a production of Olive Children Foundation, a 501(c)(3) nonprofit organization in Fremont, California.

[\[Link to Public ASDRP Events Calendar\]](#)

Tuesday, January 28, 2025 @ 7:00 PM - 8:00 PM

Colloquium @ Zoom

Join us every week on Tuesday at 7 PM on Zoom for colloquium! During colloquium, we hear from several senior researchers at ASDRP across all three departments.

Zoom Link: <https://us06web.zoom.us/j/83346956991?pwd=STJ1SGFUK1VtMjdNRThLKy9KdHNlZz09>

Wednesday, January 29, 2025 @ 6:30 PM - 7:15 PM

ASDRP Parents Fireside Chat @ Zoom

Every two weeks, ASDRP parents are welcome to join us on Zoom for our bi-weekly ASDRP Parents Fireside Chat, in which the ASDRP leadership shares updates from the ground at ASDRP with our parent community! Join us this Wednesday for our first Parent Fireside Chat of the year!

Zoom: <https://us06web.zoom.us/j/86088443622?pwd=mlwoEOGlvm1LPOKUaXa8X1nCbejBJ9.1>

Friday, January 31, 2025 @ 5:00 PM - 6:00 PM

Computational Resources Training, Module 1: “Basics of Operating Systems and Unix / Linux”, Mr. Dennis Liu

This training occurs every week for five weeks and is mandatory for all first semester students in CSE or who recently transferred to research groups who use ASDRP computing resources for research.

Join us on [Google Meet](#).

Saturday, February 1, 2025 @ 10:00 AM - 11:30 AM

Research 101, Module 2: “The Scientific Method.... Or Not?”, Mr. Michael Amadi

Research 101 is mandatory for all first semester students, and covers the fundamentals of research methodology, best practices, and basic statistics and writing skills. This week, Mr. Amadi will be sharing a lesson on the dynamic process of research, and how and when sometimes the research journey is nonlinear and more complex than a simplistic scientific method that one learns in school. First Semester Students are required to join us at [10:00 AM PDT via Zoom](#).

Saturday, February 1, 2025 @ 12:00 PM - 1:30 PM

Research 201, Practical Zero: “Parts of a Paper Workshop”, faculty-led

This Saturday, Research 201, our training course mandatory for all second- and third-semester, has its first practical session. This first module will wrap up in a practical workshop for efficiently distilling information out of complex scientific literature, with faculty-led group based discussions on recent papers. All second and third semester students are required to join us at noon on [Google Meet](#).

Saturday, February 1, 2025 @ 8:00 PM - 9:30 PM

Spring School Year Seminar: The Logic of Chemical Synthesis (Dr. Njoo) @ Seminar Room

This seminar meets on Saturday nights, with a focus on retrosynthetic analysis, strategies in atom- and step-economical total synthesis of natural products, and mechanistic study of named reactions.

Events schedule list is subject to change with or without notice. Please check the ASDRP website for the most up to date information.

© Aspiring Scholars Directed Research Program 2025, All rights reserved.

ASDRP is a production of Olive Children Foundation, a 501(c)(3) nonprofit organization in Fremont, California.

[\[Link to Public ASDRP Events Calendar\]](#)