

ASPIRE ASDRP

Aspiring Scholars Directed Research Program

A researcher newsletter of the Aspiring Scholars Directed Research Program

November 7, 2022

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Southern California Conferences for Undergraduate Research is less than 2 weeks away!

We are so excited for and proud of the 90 researchers attending the conference on November 19th! Congratulations to the Cunha, Downing, Jahanikia, McMahan, Mui, Njoo, Renganathan, and Sangeneni groups.

Congratulations to Dr. Sangeneni's groups attending the Materials Research Society Conferences later this month!



Advancing materials. Improving the quality of life.



Good luck to all of our seniors working on their college applications!

Faculty Spotlight: *Chemistry, Biochemistry and Physics*

Akira Yamamoto

[Akira's website](#)

Akira is a graduate (M.Sc., B.Sc.) of Shinsyu University in Japan with degrees in Materials Engineering and Chemistry. Prior to coming to ASDRP, Mr. Yamamoto served as the director of Materials Science & Engineering at BioPharmX, and is the co-author of numerous publications on work in biomaterials engineering. The Yamamoto group at ASDRP performs research in developing new biocompatible materials with biomedical applications.



Faculty Spotlight: *Computer Science and Engineering*

Larry McMahan

[Larry's website](#)

Mr. Downing comes from a background comprised of four decades in the high-tech and data systems industry (IBM, 3COM, etc.) and Professor and Adjunct Faculty in Undergraduate and Graduate studies in Hardware, Software & Networking. As an experienced data scientist, Mr. Downing sees data as central to everything - from exploring habitable exoplanets to discovering the next generation of small molecules to treat viral diseases.



Research Updates

The Amadi group shared an exciting brief of their research this semester!

The Amadi lab is setting the tone for a new generation of scientists. From finding new ways to detect and treat cancer in its early stages, they are now bound for a new adventure. The lab is merging synthetic biology with chemistry to develop biomaterials for 3D cell culture to study disease models.



Subscribe to our [YouTube channel](#) for the latest at ASDRP!

4 Fall Researcher Interviews, 6 new Colloquia Recordings, and Saturday Seminars have been posted in the last month! We have grown from 1,500 views last year to over 10,000! Thank you for your support and don't forget to share and like!



GOING AWAY FOR THE HOLIDAYS?



Be sure you're communicating with your advisor about your plans! Don't wait—let them know!

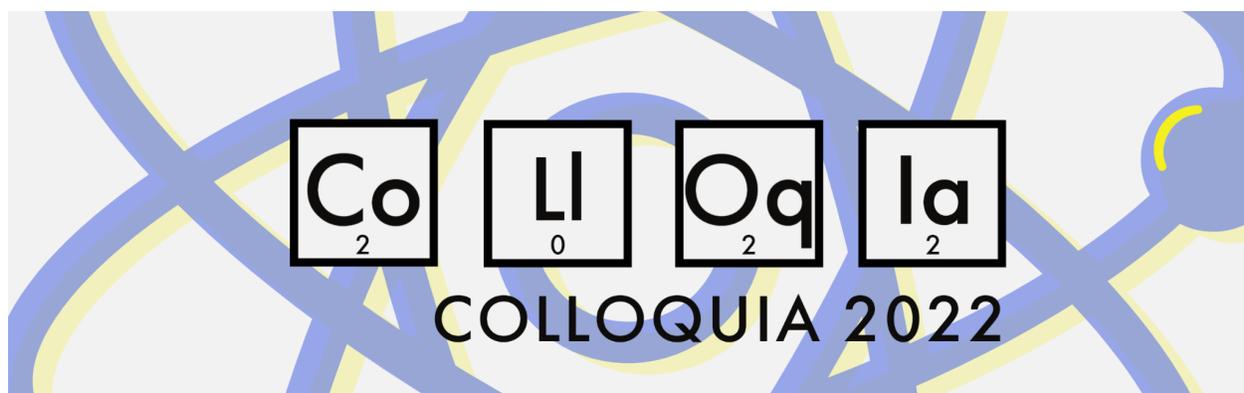
Upcoming Events



The ASDRP Researcher Interview Series is back again for Fall 2022!

Throughout the fall, we will be conducting interviews with researchers to capture what their experience has been like at ASDRP. They will be short and focus on broad topics like getting to know them, what they have been researching, and what it means to be a researcher. The interviews will be via Zoom and posted to YouTube.

Researchers can begin to sign up [here](#). **(New times have been added!)**



Colloquia tomorrow Nov 8, 2022 from 7:00-8:30 PM (PST)

Check the colloquia [webpage](#) for the upcoming research presentations

Reminder: Colloquia attendance is required for all researchers. It's an integral part of your research skills and knowledge development and support of the entire ASDRP research community.



Researchers– that's right it's the researchers' turn– for the 60 Second Lectures. They'll be held during the November 29th Colloquia! Keep an eye out for an email with further instructions.

11:00AM - NOON

Saturday
Sept 17
Oct 15
Nov 19
Dec 17

Saturday Seminars

ASDRP in Action!



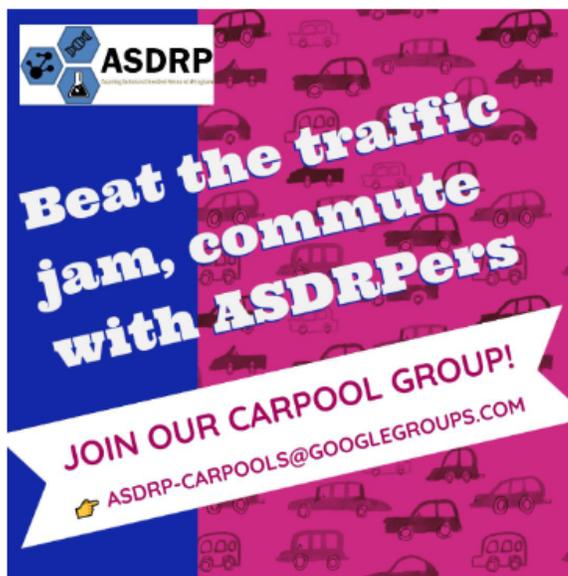

Don't forget to mark your calendars! The next Saturday Seminar featuring Michael Amadi is on November 19, 2022, at 11:00 am.

ASDRP Carpool

Search your email to find a copy of the carpool form, and print out and sign or digitally return a copy of the form. We will manually approve you to join the Google group. You will not be added to the group until this form is completed and received.

ASDRP Admin will add you to the Carpool Google Group. To send an email to the group, email asdrp-carpools@googlegroups.com. Each message is subject to moderation and will be posted once approved by an ASDRP administrator.

ASDRP assumes no responsibility nor liability for carpools arranged through the Google Group mailing list. This is simply a medium for parents to get in contact with each other who are interested in carpooling. See below for full terms and conditions of the liability release.



For Our Parents

ASDRP is seeking parents who have expertise in research and development to be a guest speaker and share their expertise and career path. Please email asdrp.admin@asdp.org if you are interested!

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