

ASPIRE



ASDRP
Aspiring Scholars Directed Research Program

A researcher newsletter of the Aspiring Scholars Directed Research Program

December 19, 2022

Volume, 2 Issue #7



**FALL 2022
SYMPOSIUM
& EXPO**

IN PERSON
MISSION COLLEGE SANTA CLARA, CA
SATURDAY - JANUARY 21, 2023
10:00 AM - 12:00 PM

**BLITZ TALKS
VIRTUAL VIA ZOOM**
TUESDAY - JANUARY 24, 2023
7:00 PM - 9:00 PM (PDT)

The Fall 2022 Symposium and Expo will be held at Mission College in Santa Clara, CA on January 21, 2023, with Virtual Blitz talks on January 24, 2023.

Keep an eye out for a registration link in your email!

Check out our [YouTube channel](#) to see all Fall 2022
Researcher Interviews!



Don't forget to Like and Subscribe!

Senior Scholar-Scientist Achievement Award!

Due December 20th at 11:59 PM PST

This award is the highest level of distinction for a senior research student at ASDRP who we believe exemplifies the spirit of the institution.

Every year, ASDRP produces some of the best high school researchers in the country, who go on to do fantastic things in college and beyond. The Graduating Senior Scholar-Scientist Award is designed to recognize outstanding seniors for a track record of excellence in research at ASDRP.

What is the award?

1. Dues waived for the second semester of the recipient's senior year
2. Formal award given at Spring 2023 Symposium
3. Receive a \$150 gift certificate to Amazon.com or another vendor of their choice

Who is eligible?

1. Be entering their final semester of high school in the Winter/Spring of 2023 and enrolled full time in school
2. Have a standing (unweighted) GPA above 3.75 and must upload an official or unofficial transcript
3. Have been at ASDRP for five continuous semesters prior to the awarding semester (must have started no later than the summer after sophomore year)
4. Be endorsed by their research advisor with a letter of endorsement submitted to asdrp.admin@asdrp.org no later than 11:59 pm PST on December 20, 2022
5. Complete the online application due December 20th at 11:59 pm PST

Applicants will be evaluated on Innovation, Scientific Pedigree, and Service. Please see the application at the link in the student portal!

Awardee will be notified on December 27, 2022 via email and will be publicly recognized at the Spring Symposium in June

Fall - Spring Transition

December 16, 2022 through January 4, 2023

www.asdrp.org/check-in

ALL researchers must complete the form, whether they are

- Staying in the same group
- Switching groups (with permission)
- Leaving ASDRP

Publication Shout Outs

- Chen, Rosie, Pratyush Singh, Sarah Su, Selin Kocalar, Xina Wang, Neha Mandava, Srishti Venkatesan et al. "Benchtop 19F nuclear magnetic resonance (NMR) spectroscopy provides mechanistic insight into the Biginelli condensation towards the chemical synthesis of novel trifluorinated dihydro-and tetrahydropyrimidines as antiproliferative agents." ChemRXiv 2022,; DOI: 10.26434/chemrxiv-2022-1371g
- Wang, Xina, Julia Vu, Charissa Luk, and Edward Njoo. "Benchtop 19F nuclear magnetic resonance spectroscopy enabled kinetic studies and optimization of the synthesis of carmofur." Canadian Journal of Chemistry, manuscript accepted (2022)
- Kocalar, Selin; Zhou, Alice; Salahifar, Aylin; Njoo, Edward "Spectrophotometric comparison of 4-Nitrophenyl carbonates & carbamates as base-labile protecting groups" Journal of Emerging Investigators 2022
- Udgaonkar, Aditya, Wu, Jeslyn; Rap, Aishi; Njoo, Edward "Deuterated solvent effects in the kinetics and thermodynamics of keto-enol tautomerization of ETFAA" Journal of Emerging Investigatirs 2022

GOING AWAY FOR THE HOLIDAYS?



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

Holiday hours: Closed on Christmas Day
Dec 21 – January 6: 12:00pm – 10:00pm

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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