

Thursday, January 16, 2025

Dear CCB Students and Faculty,

We are excited to share the **first-ever CCB program newsletter** with you! This newsletter highlights awards, publications, our amazing graduates, alumni spotlight, and valuable resources.

This is a great way to celebrate our community's accomplishments and stay connected. Please take a moment to explore the newsletter and let us know if you have any feedback or suggestions for future editions.

Thank you!

Jason, Arezou, and Kelly

Farewell to Ian

Ian Seiple, a valued CCB faculty member, is transitioning to Scripps. As chair of admissions for the past several years, Ian made a significant impact on the program through his leadership, mentorship, and research contributions. He will be missed, and the best wishes are extended for his next chapter!

Published!

[Aminomethyl Salicylaldehydes Lock onto a Surface Lysine by Forming an Extended Intramolecular Hydrogen Bond Network.](#)

Weaver J, Craven GB, Tram L, Chen H, Taunton J. 2024. Journal of the American Chemical Society, 146(35), 24233–24237.

[Conformationally responsive dyes enable protein-adaptive differential scanning fluorimetry.](#)

Wu T, Yu JC, Suresh A, Gale-Day ZJ, Alteen MG, Woo AS, Millbern Z, Johnson OT, Carroll EC, Partch CL, Fourches D, Vinueza NR, Vocadlo DJ, Gestwicki JE. 2023. bioRxiv: the preprint server for biology, 2023.01.23.525251.

[Global signal peptide profiling reveals principles of selective Sec61 inhibition.](#)

Wenzell NA, Tuch BB, McMinn DL, Lyons MJ, Kirk CJ, Taunton J. 2024. Nature Chemical Biology, 20(9), 1154–1163.

Awards

Michael Evans

Sam Gambhir Trailblazer Award, Society of Nuclear Medicine and Molecular Imaging 2024

Michelle Arkin

Cope Scholar Award from the American Chemical Society 2024

Gordon Hammes Lecturer 2024

Arun Wiita

Elected to the American Society for Clinical Investigation 2024

Lei Wang

NIH Director's Wednesday Afternoon Lecture, NIH 2024

William F. DeGrado

Ronald Breslow Award for Biomimetic Chemistry from ACS

Honorary degree from U of Valencia (Spain)

[Student Fellowship Awardees](#)

Fall 2024 Graduates

Regan Volk

Proteomic consequences of macrophage activation and phagocytosis

Marcell Zimanyi

Visualizing a Dynamic Allosteric Network in Human Herpesvirus Proteases with an Inhibitory Antibody

Leo Chen

Side Chain Protection as a Strategy to Improve Cell Penetrating Peptide Specificity

Jacqueline Weaver

Beyond cysteine: exploring lysine- and histidine-targeted covalent inhibitors

Quinn Edmondson

Development of a modular, convergent synthetic platform for minimal macrolide antibiotic pharmacophores

Arthur Tran

A fully synthetic route towards simplified pleuromutilin antibiotic candidates

Grant Burley

Quantitative Analysis of Fast C Bend Startle Response in Larval Zebrafish for the Evaluation of Behavioral Responses and Neuropharmacological Effects

Spotlight on the 2024 Cohort **NEW**



Top to bottom, left to right: Benjamin Ahn, Hannah Allegakoen, Jennifer Alvarenga Vasquez, Dylan Boselli, Sabine Cismoski, McKenna Crawford, Sydney Figueroa, Anastasiia Grynyova, Sungwon Jung, An Nguyen, Alex Pacheco, Julius Pampel, Cecilia Panfil, Leah Ragosta, Maria Tarazona Guzman, Eugene Toth, Oleksandr Zginnyk.



ALUMNI PROFILE

Yi-Chang Liu, PhD

Glycogenetics

Yi-Chang Liu is the founder CEO of Glycogenetics, a Taiwan-based biotechnology company focusing on clinical applications of glycobiology. The company was founded in 2017, and it currently operates its own bioproduction facility to produce and develop reagents for in vitro diagnosis and drug discovery. Yi-Chang is also involved in biotech venture investment in the East Asia region, mainly Taiwan and Japan. Before founding the company, Yi-Chang was a postdoctoral researcher in the laboratory of Carolyn Bertozzi at Stanford University. Yi-Chang received his PhD degree in Chemistry and Chemical Biology at UCSF, co-advised under Danica Fujimori and Jonathan Weissman. Besides business operation and family life, Yi-Chang spends most of his time in sourdough and pizza making with yeast he started growing during his UCSF time.

Resources

[Student Food Market](#)

Thursdays 4:00 to 5:45 p.m.

Mission Hall 1300

(adjacent to the lobby)

[Student Health Services](#)

[Job Opportunities](#)

Have news?

Reach out to us!

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