

# WASHINGTON NANOFABRICATION FACILITY

SUMMER 2024

## NEWS



### Congresswoman Jayapal visits WNF

The WNF welcomed Congresswoman Pramila Jayapal (WA-07) on April 23. WNF Director Maria Huffman, student employees and staff members met with the congresswoman and gave her a tour of the facility. Her support and advocacy has secured [\\$3.5 million](#) for critical equipment in the WNF.



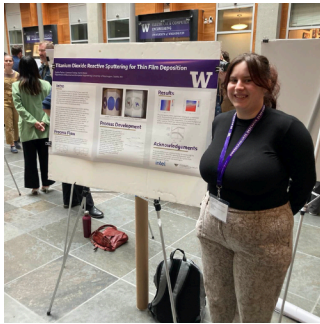
### Micron Foundation funds short course

The [Micron Foundation](#), for a second year, gifted the WNF funds for a short course for Bellevue College students during the week of March 25. WNF engineering staff ran hands-on laboratory sessions and lectures on fabrication technologies in the cleanroom for the students.



### WNF visits Intel's Oregon campus

On April 22, Intel hosted the WNF, UW students and [EDGE scholars](#) at their Hillsboro, Oregon campus. They organized a career panel and lunch with their engineers and technologists. Attendees enjoyed a career panel, lunch and a guided tour of the Aloha Fab. WNF undergraduate research assistants [Kyle Wong](#), [Jimmy Phan](#) and [Prithvi Krishnaswamy](#) are participating in summer internships at Intel.



### Intel funds undergraduate research at WNF

Intel has awarded funding for three undergraduate research projects in the WNF. Engineering students, [Sophie Tacher](#), [Kyle Wong](#), and [Prithvi Krishnaswamy](#) worked with WNF staff and were mentored by Intel engineers to develop skills essential to the semiconductor industry. Intel also gifted the WNF funds to offer a short course to [UW Pathways for Inclusive Excellence](#) (PIE) students during the week of March 18.



### UW Engineering Discovery Days

WNF staff and students participated in the annual [Engineering Discovery Days](#) during which elementary and middle school students visited the UW campus to learn more about engineering. Students performed a lithography experiment by exposing color-changing paper to light. They also learned about cleanroom gowning and cleanliness and watched a deposition demonstration in which a few nanometers of gold were deposited on nickels.

## NEW INSTRUMENTATION

- The [Murdock Foundation](#) has granted the WNF funding for an atomic force microscope and a lithography tool to increase user engagement and student education.

- [Meta](#) has awarded the WNF several tools to benefit users, staff and students. These include an ion beam etch tool, a dielectric etch tool and an electron beam lithography tool.

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