



# BUILDING A CAREER AT THE NANOSCALE

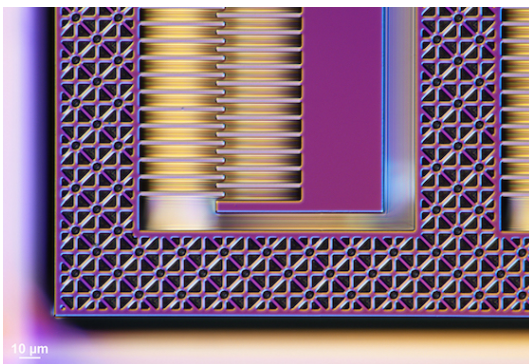
Research experience at the WNF leads UW undergrad to Facebook

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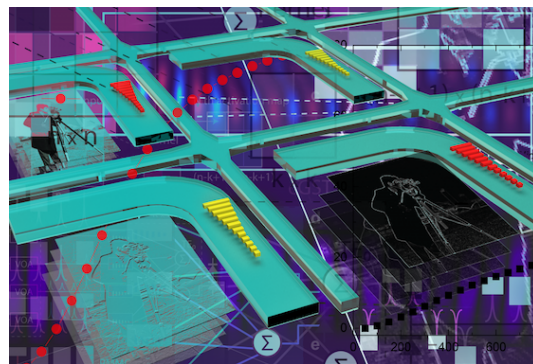
## RESEARCH HIGHLIGHTS

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[A new kind of lens for tiny cameras](#)

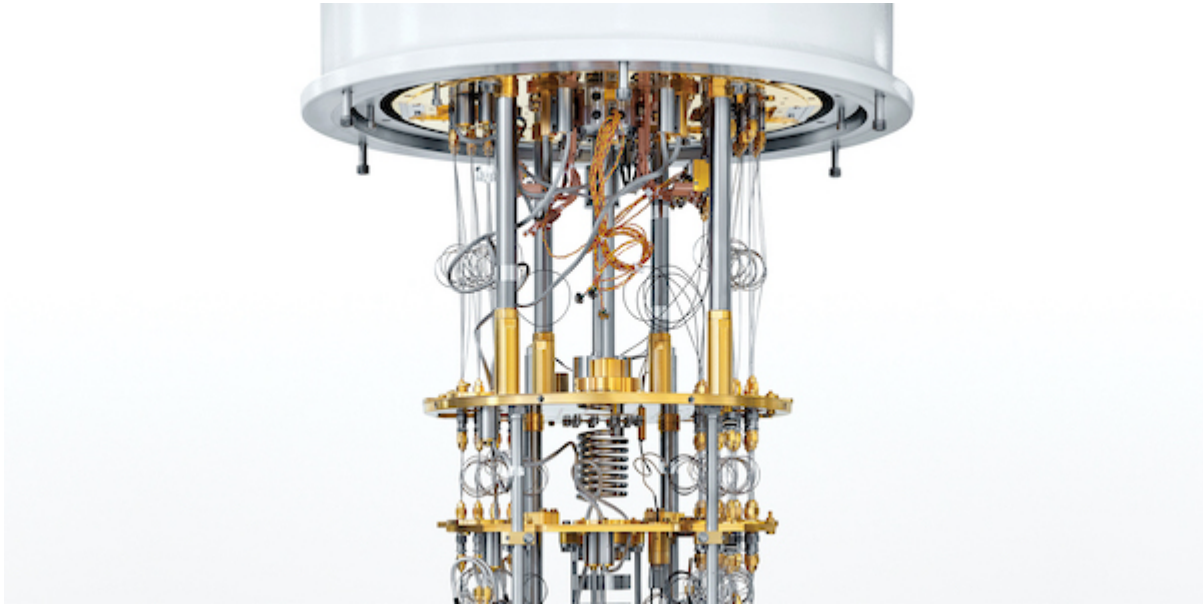
UW Electrical and Computer Engineering



[Accelerating AI computing to the speed of light](#)

professors Karl Böhringer and Arka Majumdar are developing a MEMS-actuated metasurface Alvarez lens that is compact, tunable, and can be produced via mass fabrication processes.

A UW research team led by ECE professor Mo Li, in collaboration with researchers at the University of Maryland, has developed an optical computing system that could speed up AI and machine learning while reducing associated energy and environmental costs.

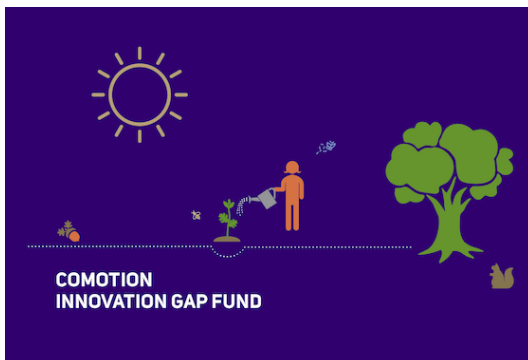


### [Quantum Leap](#)

In quantum computing, UW scientists see the building blocks of the next technological revolution.

## AWARDS

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### [Flex Light named a CoMotion Gap Fund winner](#)

The team, led by ECE professor Lih Lin,



### [UW spinout ChocoLED wins JCDREAM Seed Grant Award](#)

ChocoLED - spun out of Professor Christine

developed a proprietary micropatterning method with innovative light-emitting materials that can lower the cost of ultrahigh resolution, next-generation displays.

Luscombe's lab - is developing environmentally sustainable technology for solar cell efficiency enhancements.

## RECENT PUBLICATIONS

[siRNA Nanoparticle Suppresses Drug-Resistant Gene and Prolongs Survival in an Orthotopic Glioblastoma Xenograft Mouse Model](#)

[Green syntheses of stable and efficient organic dyes for organic hybrid light-emitting diodes](#)

[A double inclusion model for liquid metal polymer composites](#)

[The Path to Enlightenment: Progress and Opportunities in High Efficiency Halide Perovskite Light-Emitting Devices](#)

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