

Nevada Semiconductor Tour

1. Date

- Wednesday June 3rd or Thursday June 4th (TBD)

2. Overview

- Japan and Nevada have collaborated on many initiatives to date, with momentum building in the semiconductor sector in particular. For instance, during the Nevada state government's visit to Japan last November, they exchanged views with RISE-A, a Japanese semiconductor industry association.
- Compared to Silicon Valley, Nevada is leveraging lower employee wages, low property taxes, no income tax, and a lighter regulatory burden to attract and cluster research institutions and the international semiconductor industry around the University of Nevada, Reno (UNR).
- Therefore, this time, our consulate aims to connect with Nevada's Semiconductor Industry. We are organizing a Japanese company delegation visit to Nevada focused on the state's semiconductor industry ecosystem.
- The trip will include a visit to the [Nevada Center for Applied Research](#) at the University of Nevada, Reno (UNR), home to a state-of-the-art [nanofabrication lab](#). There will also be opportunities to network with local semiconductor company representatives. More details will follow soon.
- Please note that the Consulate General of Japan in San Francisco will not provide funding for this trip; travel will be at your own expense.

●Activities (*It will take 4 hour from Bay Area by car)

- Tour of Nevada Center for Applied Research and Nanofabrication Lab at Reno
- Networking with local semiconductor company representatives and Nevada state government officials at Reno

3. RSVP Deadline

- Please contact both Naoki Ando, Consul at the Consulate General of Japan in SF naoki.ando@mofa.go.jp and Sabrina Stone sabrina.stone@sr.mofa.go.jp by May 4th to tentatively reserve a spot for this trip, as we are seeking an initial headcount at this time. The final deadline to confirm participation will be June 3rd

(Reference : UNR Semiconductor Lab)

Lab Photos



Bay & Chase Design. 3 Bays + Class 10k area. Gas bunker, TGMS. Additional space for 3-4 major tools, many small/support/metrology tools.



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Nanofabrication at UNR: Capabilities

Opened: April 2025.



- Lithography & Wet Benches
 - Heidelberg Maskless Aligner
 - Vapor Prime Oven, SRD, Spin/Bake
 - Acid Hood, Base Hood, 3x Solvent Hoods
- Deposition
 - E-Beam Evaporator
 - Sputterer
- Etch
 - Oxford Instruments Cobra 300 ICP RIE w/ cryo + ALE
 - Anatech Quartz Barrel Asher
- Packaging
 - Westbond Dual-Head Wirebonder
 - DragonFly PCB Printer
 - Fox Pick and Place System



- Metrology & Test
 - Microscopes
 - Desktop SEM
 - Filmetrics F20 Reflectometer
 - Optical Profilometer
 - Dektak Profilometer
 - 4 point probe
 - Probe Station
- Characterization
 - FIB/SEM w/ EDS, AFM, XRD, XPS

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