UCLA Nanoelectronics Research Facility

Lab Main Entrance 18-132

HSHEAS recharge center is open to UCLA faculty, other University faculty and industry and is under the auspices of the Electrical Engineering Dept.

Lab Director: Prof Rob Candler

Lab Manager: Steve Fyson

Engineers: Noah Barzin, Byung Ho, Min He, Tom Lee, Wilson Lin, Hue Ngo, Jie Zhu, Kading

Admin Analyst: Mohammad Shahnajian

IT & Programming: Mohammad Shahnajian

www.nanolab.ucla.edu

LAB VEALS

- 8000 sq ft Class 1000 & 500 sq ft Class 100 clean space
- 100 sq ft IST lab
- 99.999% pure nitrogen available
- 7 fully facilitated fume hoods
- 1 HPLC/micro and 4 HPLC/UV
- 2 Electron Beam Deposition and 2 sputtering systems
- Pieces to 4 inch wafer processing with 6 inch capability
- 2 Suss MA6 top and bottom aligners & 1 Obducat Imprinter
- Hitachi S4700 Field Emission SEM with EDAX attachment
- FEI Nova 600 Dual Beam FIB (located in Rm 1129, EV Bldg)

SUPPORTS:
- >250 grad students
- >75 faculty
- 9 Departments
- >40 companies

OTHER FACTS:
- Annual Budget ~ $2M
- $10M equipment
- Main funding:
  • Recharge
  • CSRE

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