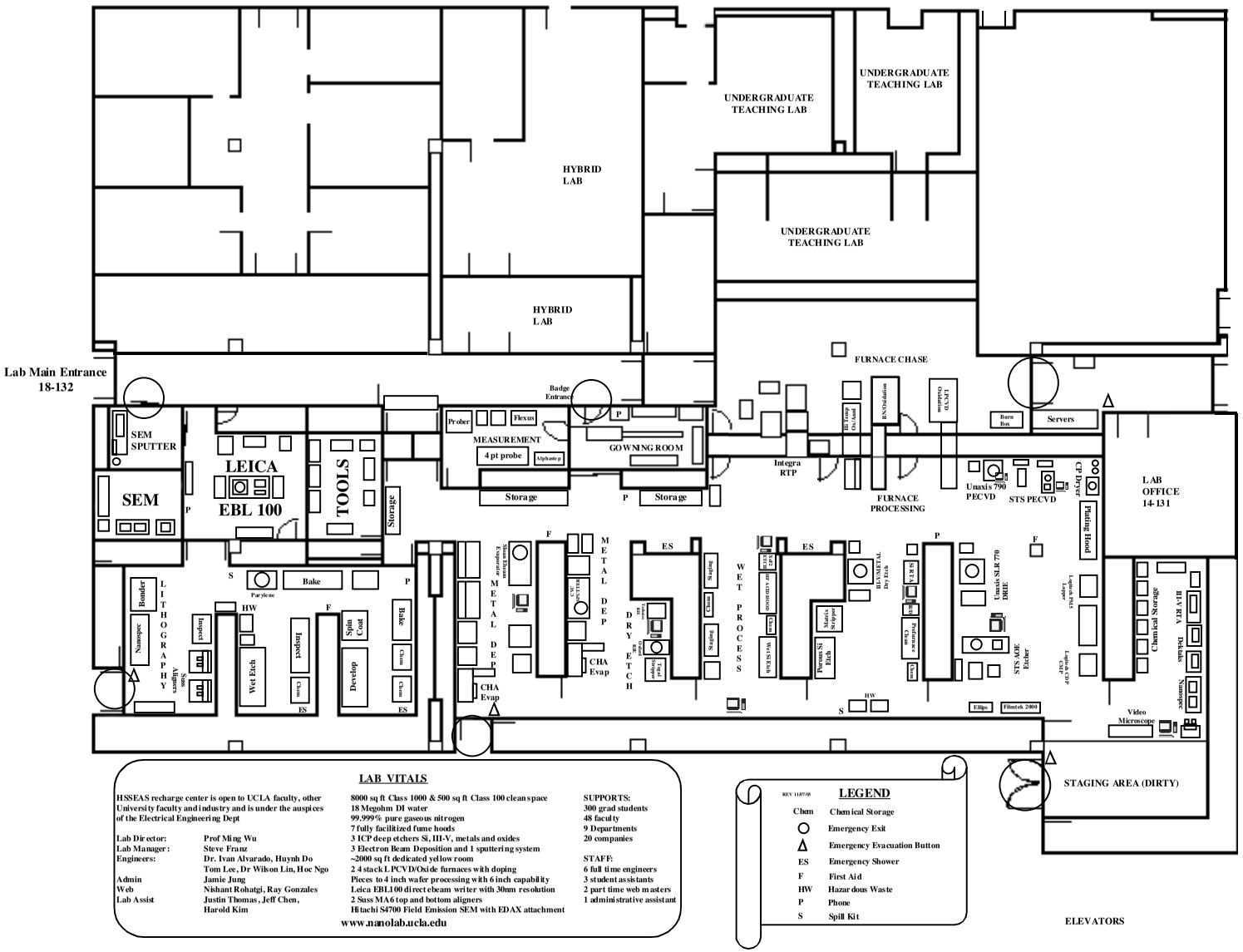
UCLA Nanoelectronics Research Facility

EST 1992



LAB VITALS

HSSEAS 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 Ming Wu
Lab Manager:	Steve Franz
Engineers:	Dr. Ivan Alvarado, Huynh Do Tom Lee, Dr Wilson Lin, Hoc Ngo
Admin	Jamie Jung
Web	Nishant Rohatgi, Ray Gonzales
Lab Assist	Justin Thomas, Jeff Chen, Harold Kim

8000 sq ft Class 1000 & 500 sq ft Class 100 cleanspace
18 Megohm DI water
99.999% pure gaseous nitrogen
7 fully facilitized fume hoods
3 ICP deep etchers Si, III-V, metals and oxides
3 Electron Beam Deposition and 1 sputtering system
~2000 sq ft dedicated yellow room
2 4 stack LPCVD/Oxide furnaces with doping
Pieces to 4 inch wafer processing with 6 inch capability
Leica EBL100 direct ebeam writer with 30nm resolution
2 Suss MA6 top and bottom aligners
Hitachi S4700 Field Emission SEM with EDAX attachment

SUPPORTS:
300 grad students
48 faculty
9 Departments
20 companies

STAFF:
6 full time engineers
3 student assistants
2 part time web masters
1 administrative assistant

www.nanolab.ucla.edu

LEGEND

REV 11/07/08

Chem	Chemical Storage
○	Emergency Exit
△	Emergency Evacuation Button
ES	Emergency Shower
F	First Aid
HW	Hazardous Waste
P	Phone
S	Spill Kit