

# Thoughts on Having a Successful Career

**Deb Agarwal**

**Lawrence Berkeley National  
Laboratory**

# CRD The LBNL Context

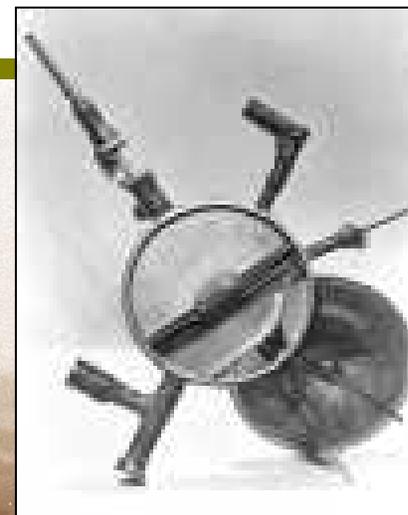
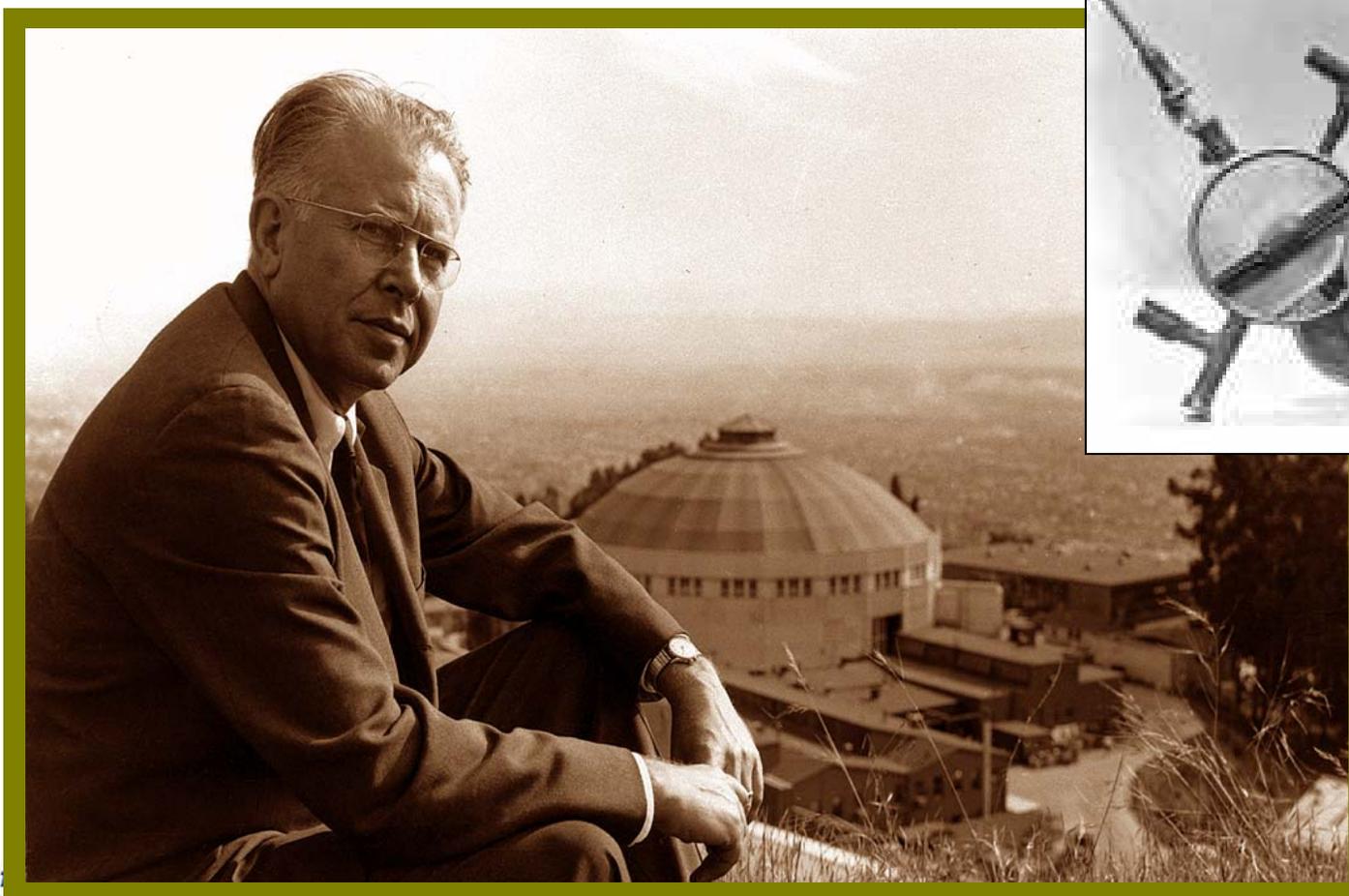


- **The principal mission of Berkeley Lab is fundamental science.**
- **The Berkeley Lab is an unclassified, open and collaborative research environment.**
- **The Computational Research Division**
  - **applied research and development in computer science, computational science, and applied mathematics**

- **High Performance Computing Research Department**
  - mathematical modeling
  - algorithmic design
  - software implementation
  - system architectures
  - data management
  - visualization

- **Distributed Systems Department**
  - collaboration technologies
  - distributed monitoring
  - security capabilities
  - grid technologies
  - network protocol development
  - network intrusion detection

Founded in 1931 on the Berkeley Campus and  
Moved to Current Site in 1940





**Luis W. Alvarez**



**Owen Chamberlain**



**Ernest Orlando  
Lawrence**



**Yuan T. Lee**



**Glenn T. Seaborg**



**Melvin Calvin**



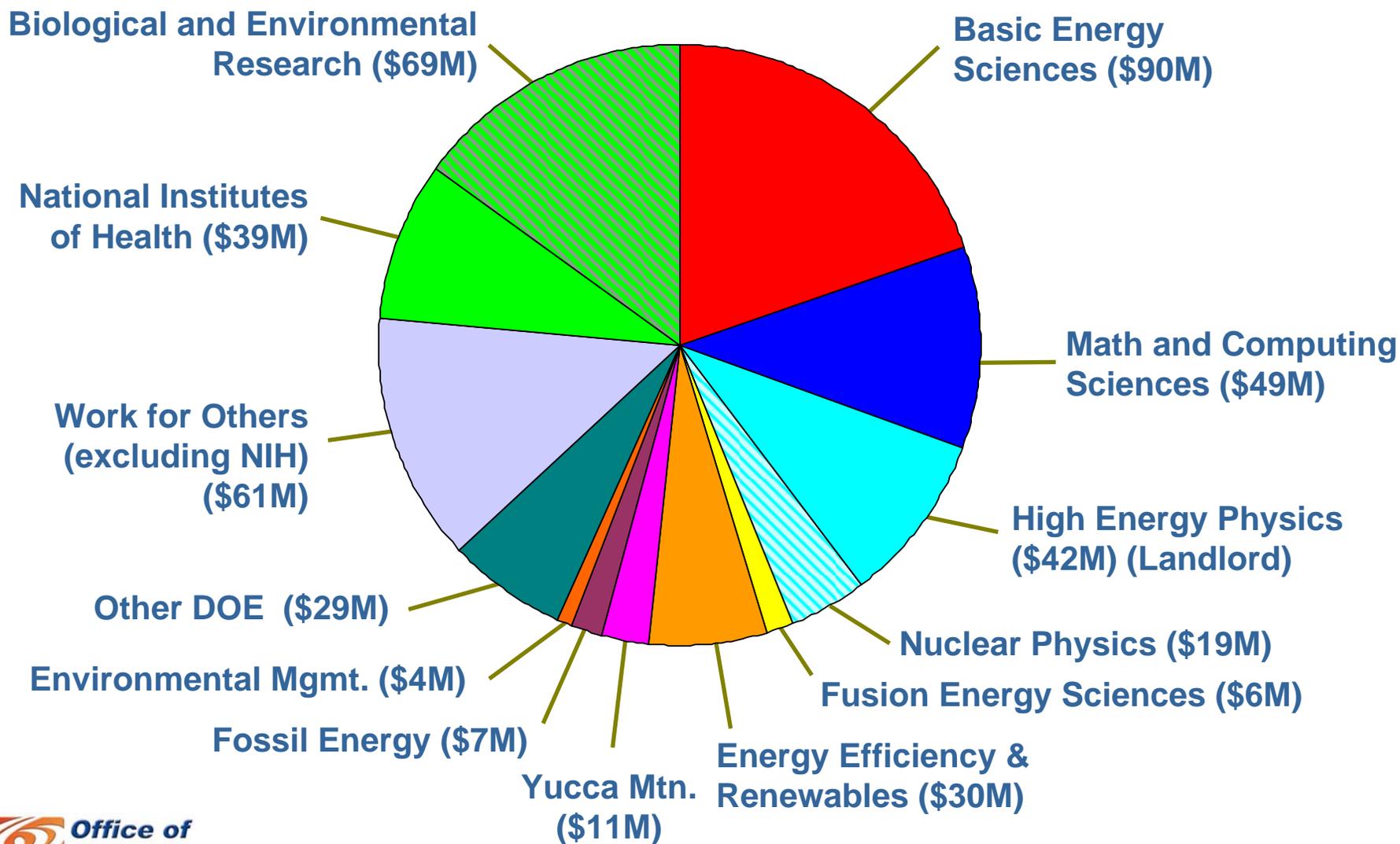
**Donald A. Glaser**



**Edwin M. McMillan**

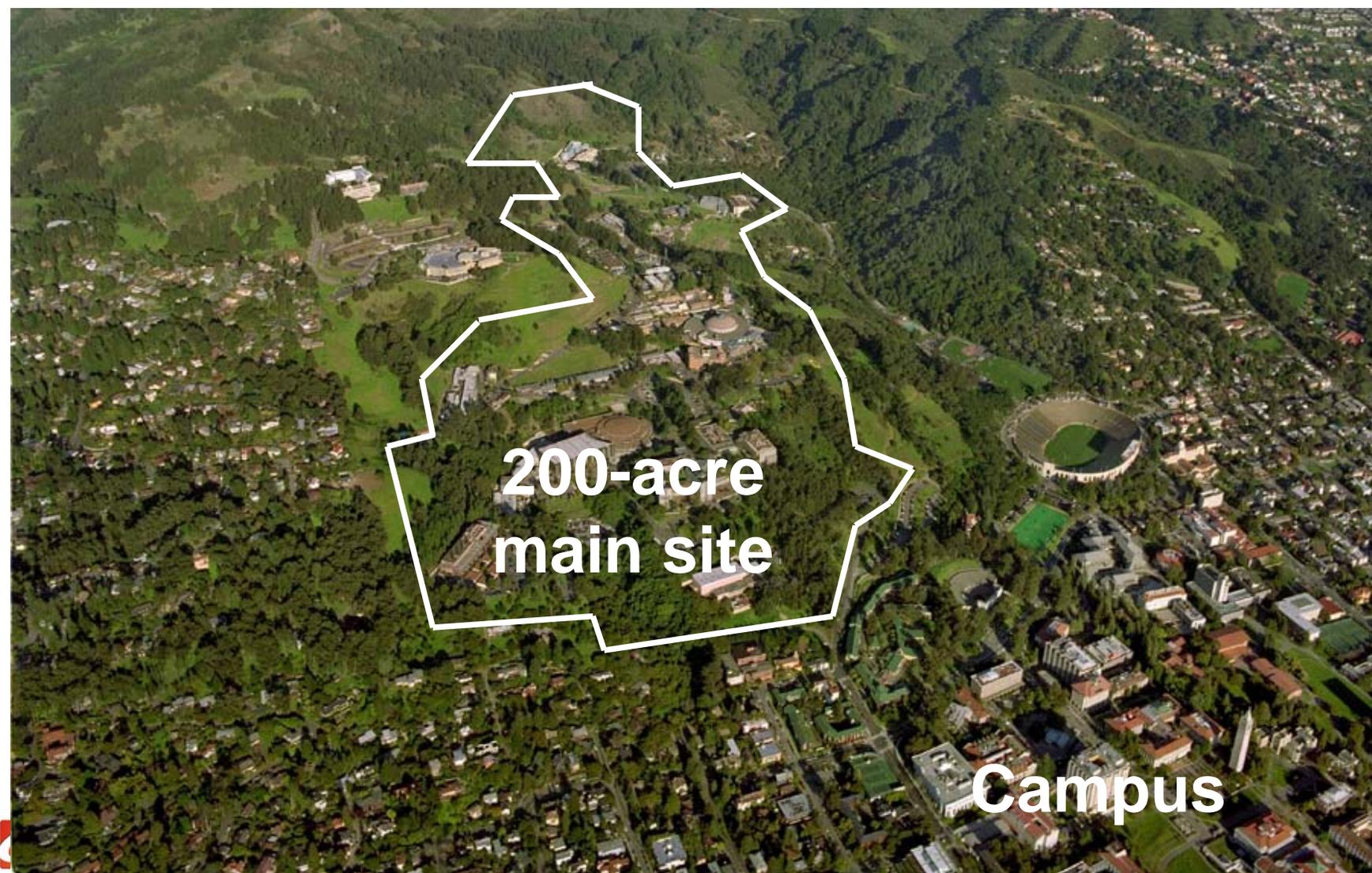


**Emilio G. Segrè**



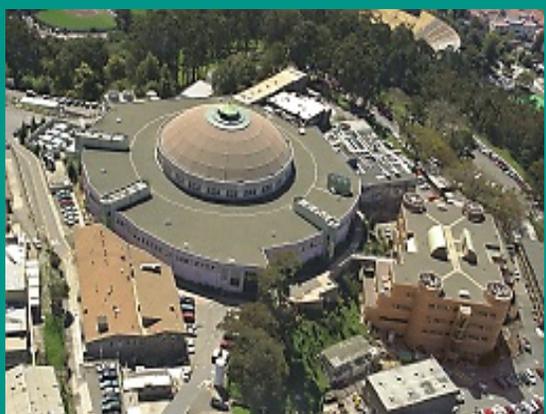
# CRD

## A National Laboratory Next to a University Campus



# CRD

## National Scientific Community: Berkeley Lab National User Facilities



**Advanced Light  
Source**



**National Energy Research  
Scientific Computing Center**



**Energy Sciences  
Network**



**Molecular Foundry**

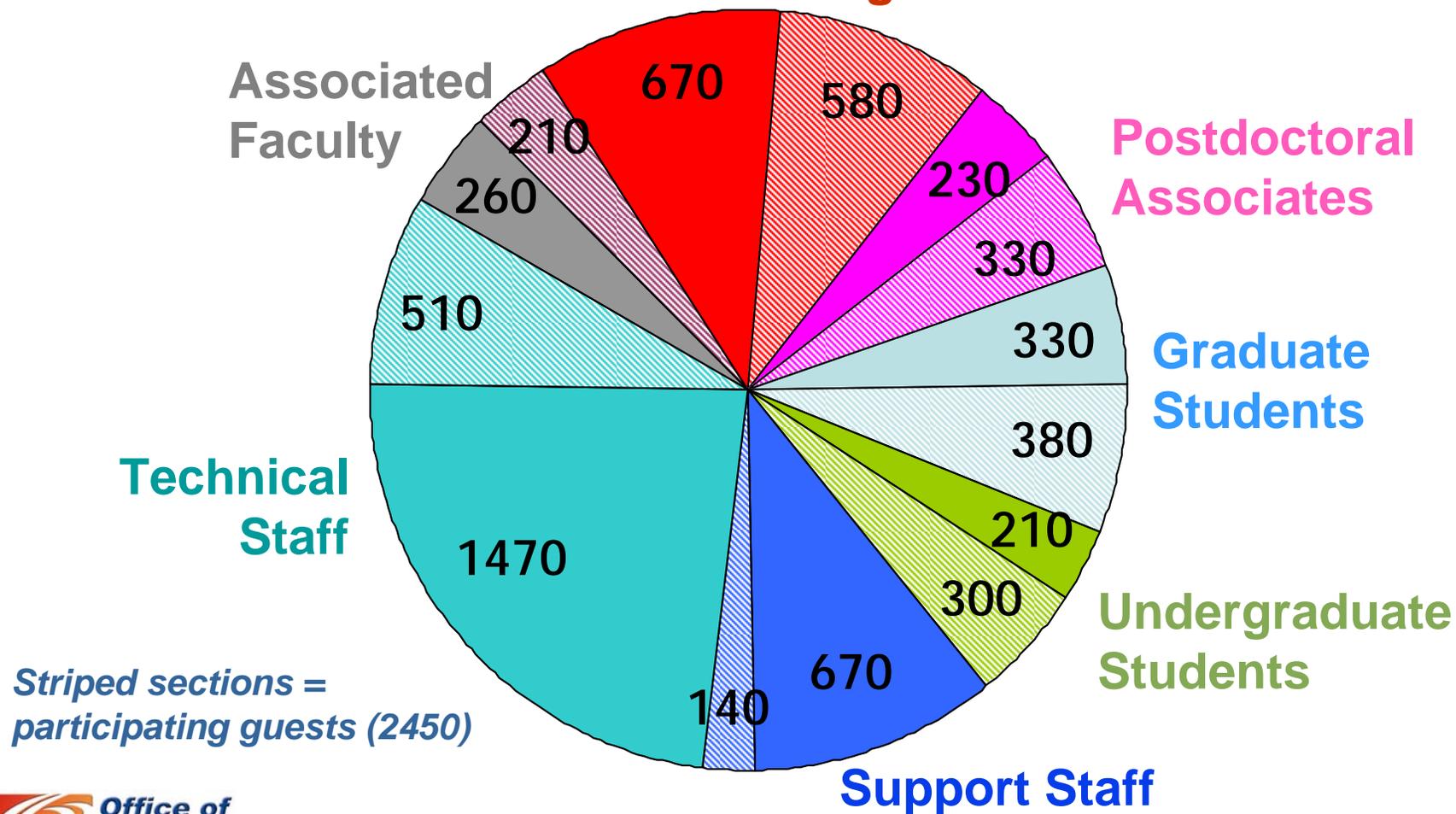


**Joint Genome Institute**

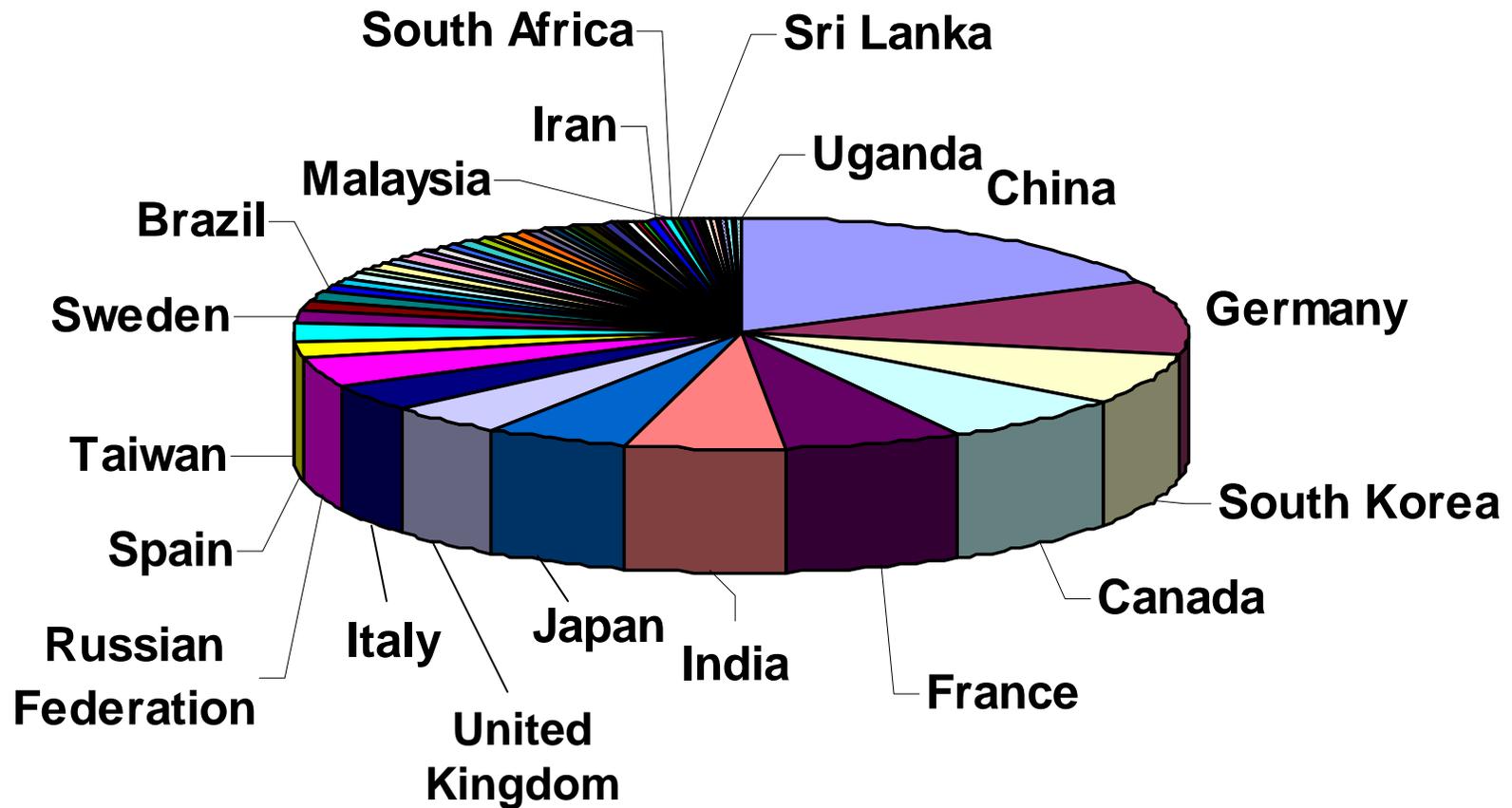


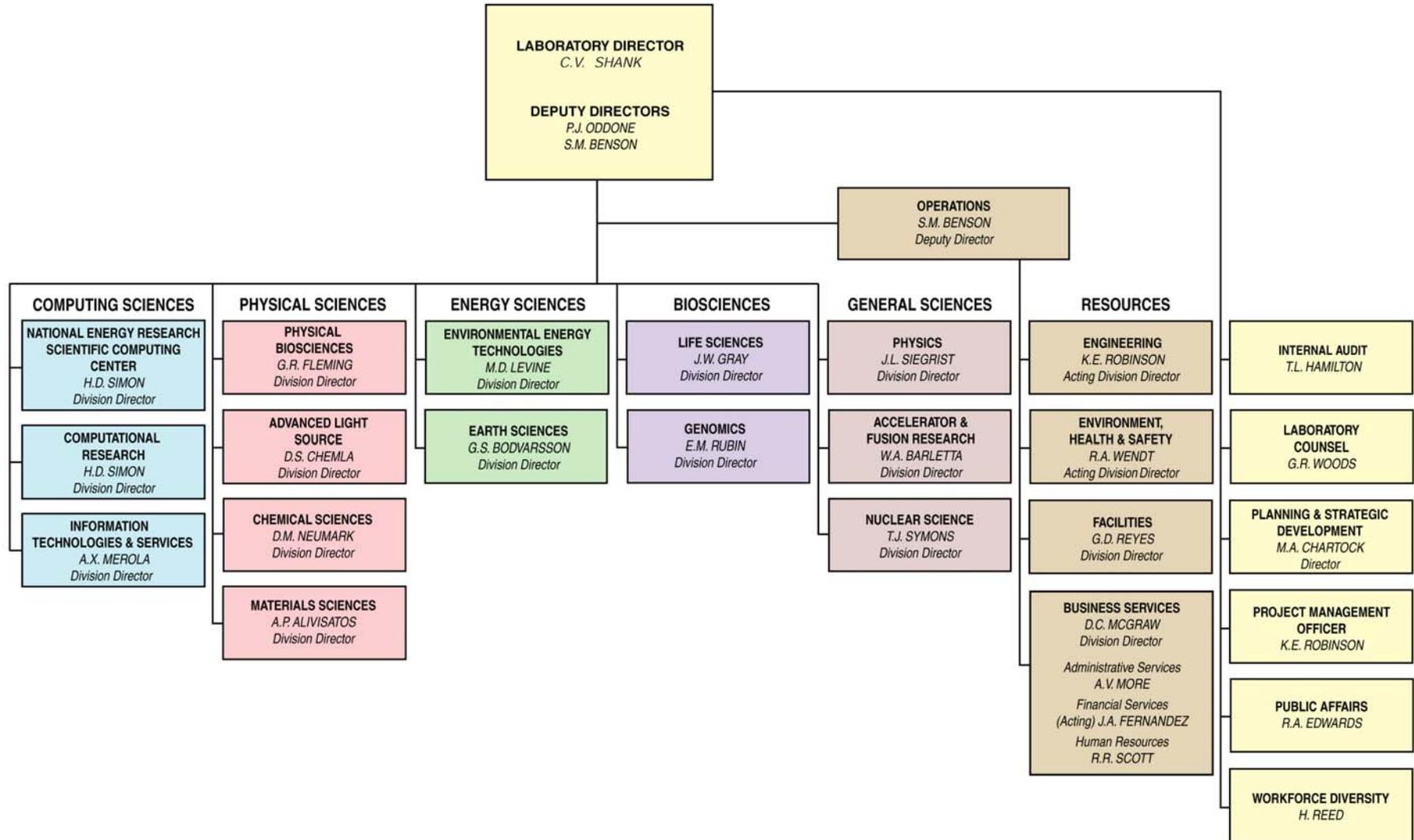
**National Center for  
Electron Microscopy**

### Staff Scientists and Engineers



## *1116 Foreign Nationals from 71 Countries*





- **Purdue University – BSME**
- **General Motors Technical Center**
- **UC, Santa Barbara – ME and CE**
- **LBNL Staff Scientist**

- **Have plans for your future but by flexible**
- **Make conscious decisions**
- **Credentials get you in the door**
- **Focus on doing the task at hand**
- **Enable your success and others**
- **Find a group you want to work with**
- **Persuasion can be more effective than control**

- **Communication skills are important**
- **Get advice often**
- **Mentors can help**
- **Take advantage of opportunities**
- **Know your advantages**
- **Management opportunities are frequent**

- **Don't neglect family**
- **Work to be happy**
- **Don't be afraid to take risks and fail**