

Welcome to Lawrence Berkeley National Laboratory

September 17, 2014

Mary Ann Piette

Department Head

Building Technology and Urban Systems Department



Lawrence Berkeley National Laboratory 2014

\$800M budget, 4000 employees, 15 research divisions

Lawrence Berkeley National Laboratory
University of California

Internal Audit
T.L. HAMILTON
Department Head

Innovation and Partnerships Office
E. QUAITE-RANDALL
Chief Technology Transfer Officer

Laboratory Director A.P. ALIVISATOS
Deputy Director H.D. SIMON
Chief Operating Officer G.D. KUBIAK

OFFICE OF THE DIRECTOR
Chief of Staff
C.L. YETTER

Chief Financial Officer
K.P. WILLIAMS

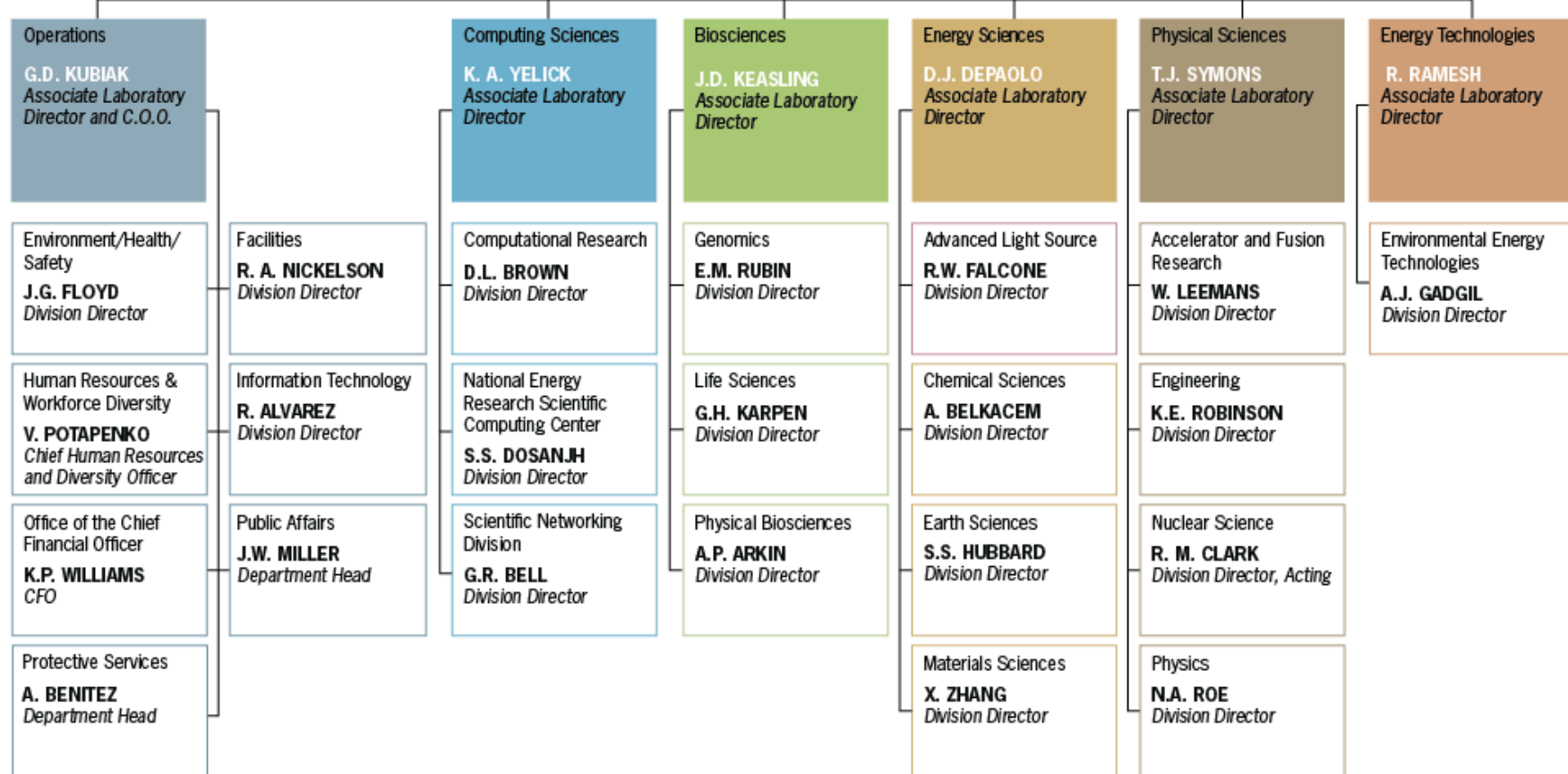
Chief Information Officer
R. ALVAREZ

Institutional Assurance
H.K. HATAYAMA

Laboratory Counsel
J.A. BLAIR

Research and Institutional Integrity Office
M.E. MONTGOMERY

Sustainability Officer
J.D. ELLIOTT



EET Division Profile

- Largest research division at LBNL
- About 12% of Lab in budget; 15% in staffing
- Total staff and visiting researchers – 600
- Total funding ~\$90M
- 96 research sponsors
- Multidisciplinary staff with 94 principal investigators: architects, electrical, mechanical, civil and chemicals engineers, physicists, chemists, economists, policy analysts
- Draws on students and recent graduates from UC and other academic institutions for postdoctoral appointments and research assistants
- Some joint appointments at UC Berkeley and UC Davis campuses



EETD Values and Mission Areas

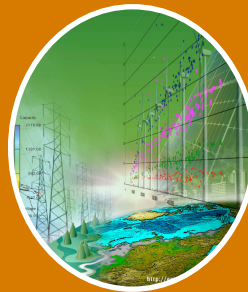
Values

Scientific Integrity
Innovation
Impact
Sense of Urgency
Collaboration and Partnership

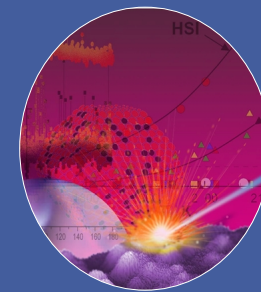
Mission Areas



Buildings and Urban
Systems



Energy Analysis &
Environmental Impacts

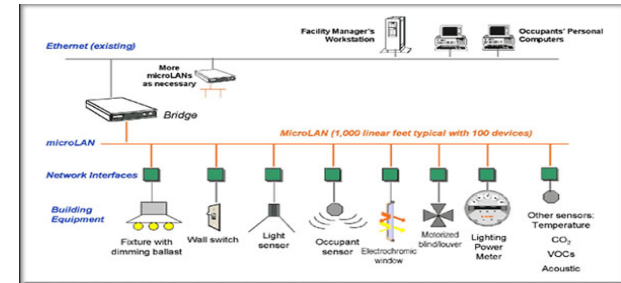
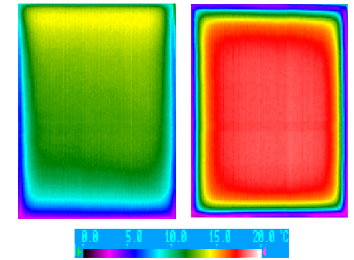


Energy Storage and
Distributed Resources



Technology

**Electronics, Lighting, and Networks
Windows and Envelope Materials
Simulation Research**

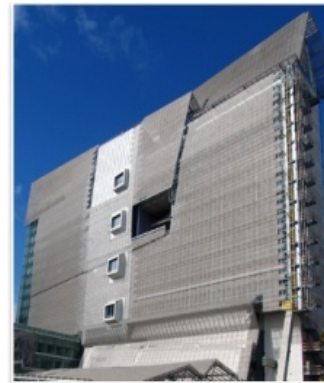


Demand-Side Systems

**Commercial Building Systems
Residential Building Systems
High-Tech Buildings and Industrial Systems**

Sustainable Federal Operations

110 Staff plus 25 Visitors and Students



Per Capita Electricity in the U.S. and California

