

# Key points about the Lawrence Berkeley National Laboratory

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<http://jeffloo.com/berkeley/2010/02/11/intro-to-lbnl/>

## The Berkeley Lab is a ...

**National laboratory** sponsored by the US Department of Energy and managed by the University of California

Here are some good introductory materials:

- New Employee Briefing – <http://www.lbl.gov/BLI/NEB/index.html>
- About Berkeley Lab – <http://www.lbl.gov/LBL-PID/LBL-Overview.html>

## Has a unique purpose and history

- Working towards **scientific excellence, collaboration**, and delivering **science-based solutions** to problems of national significance and priority
- From high energy physics through to alternative energy, life sciences, nanoscience, and more
- From a UC Berkeley laboratory to a US DOE national laboratory
- Accomplishments: <http://www.lbl.gov/Publications/75th/files/03-75-milestones.html>
- 11 Nobel Laureates

## Conducts leading research

Organization: **14** scientific divisions, **6** national user facilities, **6** strategic directions

Research initiatives:

- Develop new energy technologies and environmental solutions
- Discover the composition of matter and energy in the universe
- Understand and engineer living systems through quantitative biology
- Create designer materials through nanoscience
- Advance X-ray and ultrafast science
- Enable scientific discovery through advanced computing

Lab research strengths:

- Earth and environmental science
- Energy science and technology
- Nanoscale materials and synthesis
- Particle physics and nuclear science
- Quantitative biology
- Scientific computing
- X-ray science and accelerators

Carbon Cycle 2.0 (<http://carboncycle2.lbl.gov/>) is a prominent research initiative demonstrating the collaborative nature and the national and global impact of Berkeley Lab research

## Is connected to the UC Berkeley Library

- In terms of **history** and **geography**
- Berkeley Lab is **managed** by the University of California
- Over 250 UC Berkeley faculty members have **joint appointment** with the Berkeley Lab. UC post-docs, graduate, and undergraduate students are also at the Lab.
- LBNL personnel have **borrowing privileges** of UCB Library print resources, while joint appointment members have full access to Library resources (public services, and print and digital resources)
- There is an **agreement with the Library to add LBNL members onto UCB e-resource licenses and subscriptions**. The goal is for the Lab to have comparable e-resource access with UCB members. Berkeley Lab will provide funding for this transition including funding for new digital acquisitions.

Subject expertise of the Sciences Libraries and the Environmental Design Library complement Berkeley Lab Research

- A content analysis of <http://www.lbl.gov> identified **6** research themes that include **35** research disciplines and their **486** subsequent subject areas (see subject map on following page)
- Research topics and Berkeley Lab entities were entered into a database. Sample reports are available here: <http://jeffloo.com/berkeley/2010/01/14/ucb-library-lbnl-subjects/>
- Can generate reports upon request. Reports can include Berkeley Lab research centers, research topics, and their relationship to UCB subject specialty libraries.

## Offers opportunities for UC Berkeley Librarians

- Visit the Lab's facilities and services with Jeff
- Attend lectures, seminars, and outreach events up on the hill
  - Today at Berkeley Lab – <http://www.lbl.gov/publicinfo/newscenter/tab1/index.html>
  - The News Center – <http://newscenter.lbl.gov/>
  - The Berkeley Lab Calendar of Events – <http://isswprod.lbl.gov/tab1/ListingEvents.asp>
  - Video definitions of Berkeley Lab research: <http://videoglossary.lbl.gov/>
- Chat with LBNL personnel (or Jeff)
- Provide library instruction or give talks at the Berkeley Lab
- Think of an activity for the Berkeley Lab ...

