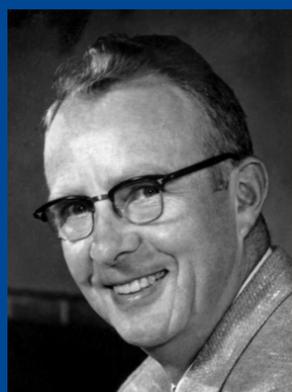


The National Energy Research Scientific Computing Center's Luis W. Alvarez Postdoctoral Fellowship in Computational Science



The U.S. Department of Energy's National Energy Research Scientific Computing Center (NERSC)

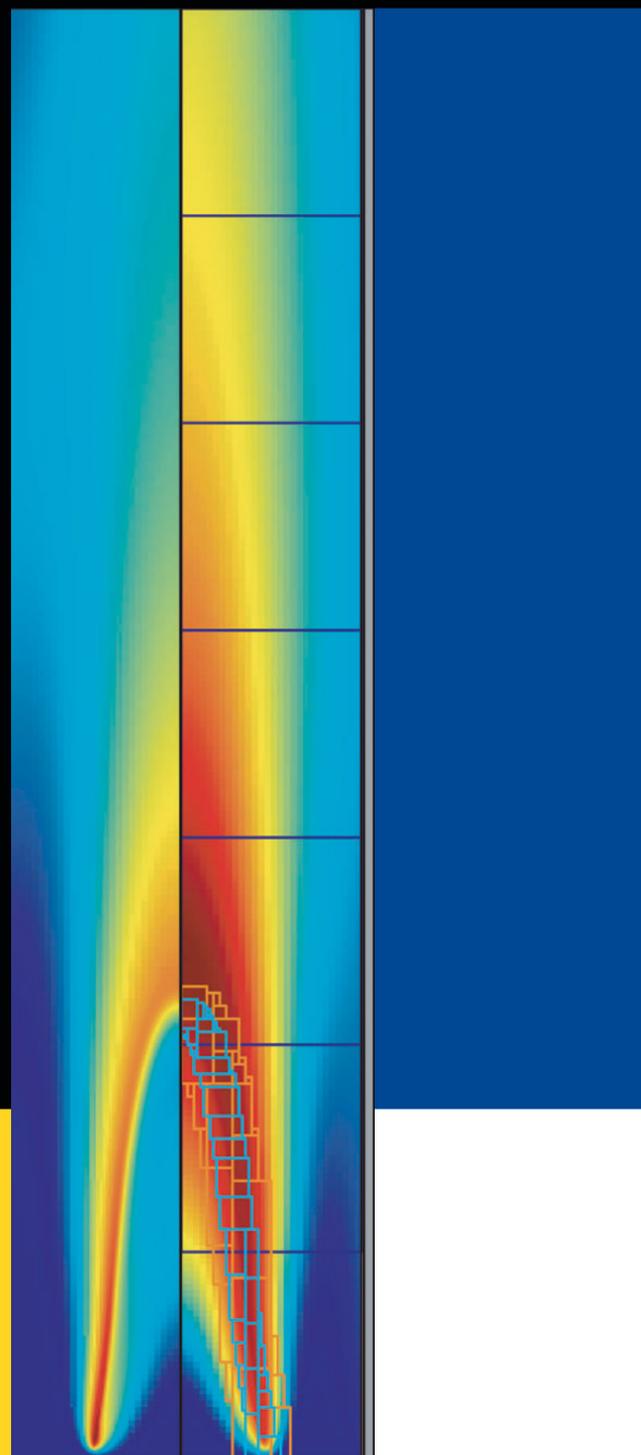
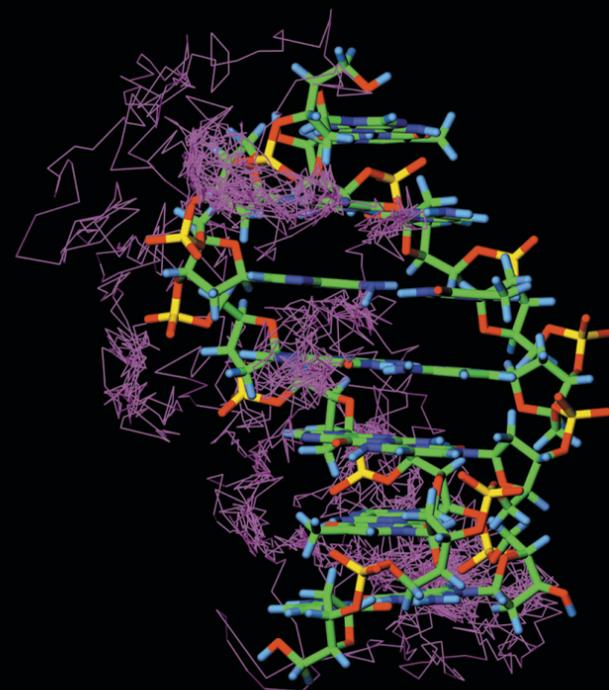
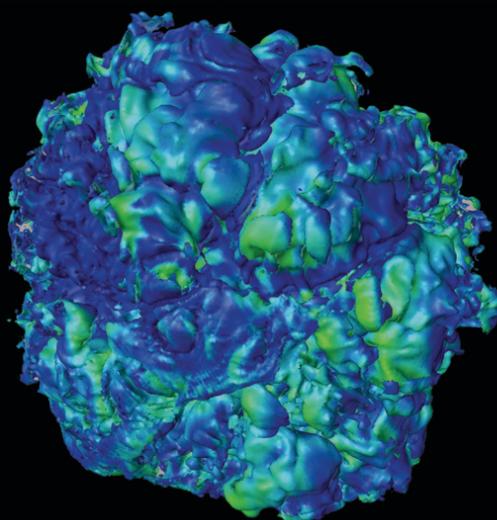
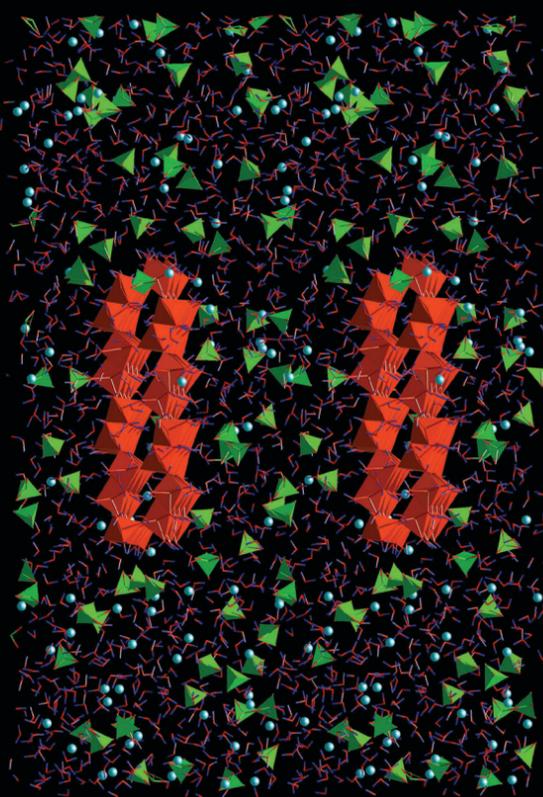
at Lawrence Berkeley National Laboratory provides high-performance computing tools and expertise that enable computational science of scale, in which large, interdisciplinary teams of scientists attack fundamental problems in science and engineering that require massive calculations and have broad scientific and economic impacts.



In the 1950s, physicist Dr. Alvarez opened a new era in high-energy physics research with his proposal to build a pressurized chamber filled with liquid hydrogen. Known as a "bubble chamber," this device would allow scientists to discover new particles and

analyze their behavior. In his 1955 prospectus for such an experimental facility, Dr. Alvarez became one of the first scientists to propose using computing devices for analyzing experimental data, even before such computers were actually available.

By the 1960s, Dr. Alvarez's vision was reality. His colleagues at Berkeley Lab were using computers to track some 1.5 million particle physics events annually and developed scientific computing techniques which were adopted by researchers around the world. This effort led to Dr. Alvarez receiving the Nobel Prize for Physics in 1968.



Applications to Shape the Future of Computing

The scientific staff at Berkeley Lab recognizes the increasing significance of computational science — and the need to help educate the next generation of computational scientists. The Luis W. Alvarez Fellowship in Computational Science aims to achieve these goals. We encourage those who share Dr. Alvarez's scientific curiosity and dedication to join us in our efforts.

The Fellowship enables a recent graduate with a Ph.D. (or equivalent) to acquire further scientific training and to develop professional maturity for

independent research. Applicants must be a recent graduate (within the past four years) with a strong emphasis on computing or computational science. The Alvarez Fellowship is offered as a one year term appointment with the possibility of a one year renewal. The successful applicant will be compensated with a competitive salary and excellent benefits. Additionally, Alvarez Fellows will be matched with a mentor and have use of NERSC's computing resources.

Applications are due by April 1 for the following academic year.

Interested applicants should submit a letter of application referencing Job # BNPF, CV and three letters of reference by email to Kim Andrews (KMAAndrews@lbl.gov) or by standard mail to:

Luis W. Alvarez Postdoctoral Fellowship
Job # BNPF c/o Kim Andrews
Lawrence Berkeley National Laboratory
1 Cyclotron Road, MS 50B-4230
Berkeley, CA 94720

For more information about additional opportunities in Computing Sciences, please visit our web site at www.lbl.gov/CS/Careers.