



ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY

GENERAL ADMINISTRATIVE MEMO

August 19, 2005

To the Advanced Light Source Division Staff

Dear Colleagues,

After fifteen years as a member of the Laboratory senior management, Daniel Chemla is stepping down as Division Director of the Advanced Light Source. Paul Alivisatos will lead a search committee to provide advice on finding Daniel's successor, and Janos Kirz will continue as Acting ALS Director in the interim.

Daniel came to Berkeley from Bell Labs in 1990, beginning an extraordinarily innovative period in the Laboratory's history. Through his visionary leadership, first as Division Director of the Materials Sciences Division (1990-1998), next as Division Director for both MSD and the ALS (1998-2002), and most recently as ALS Director, Daniel has established a powerful record of achievement in materials research, nanoscience and synchrotron source science.

After Daniel took over as ALS Division Director, an important part of his vision was to expand the range of the ALS into hard x-rays, beyond VUV and soft x-rays for which it was originally optimized. His revolutionary accomplishment in this regard was demonstrated in 2001 with the completion of the "superbends" project, which has enabled the ALS to produce high quality hard x-ray beams that are ideal for protein x-ray crystallography.

The uniqueness of Daniel's contributions cannot be overstated. Working with the ALS users and other members of the scientific community, the Department of Energy, and the ALS staff, Daniel successfully addressed a variety of issues and transformed the ALS into a major international research center that is now seen as a model user facility. The ALS now has almost 2000 users who are generating forefront science in a wide range of areas.

The Laboratory and the greater scientific community will long be in Daniel's debt for the superb job that he has done. I am in awe of his record and grateful for his legacy at LBNL, and I look forward to his continuing productivity in the field of many body interactions and quantum size effects in semiconductor nanostructures.

Steven Chu