

MEMORANDUM OF UNDERSTANDING

between

The New University of Astana, Astana, Republic of Kazakhstan

and

The University of California, as Management and Operating Contractor for

Lawrence Berkeley National Laboratory

This Memorandum of Understanding (MOU) is entered into by and between the New University of Astana, hereafter "NUA", with a registered address at 12/1 Kunaev Street, Astana 010000, Kazakhstan, and the University of California, as Management and Operating Contractor for Lawrence Berkeley National Laboratory, hereafter "LBNL." NUA and LBNL are referred to collectively, as "Parties" or individually as "Party."

1. The purpose of this MOU is to develop academic and educational cooperation and to promote mutual understanding between the Parties.
2. The Parties agree that it is in their interests to work together to develop collaborative activities in the following academic areas of mutual interest, on a basis of equality and reciprocity.
 - 2.1 Exchange of scientists, faculty and other staff
 - 2.2 Exchange of graduate students
 - 2.3 Conducting collaborative research projects
 - 2.4 Conducting lectures and organizing symposia
 - 2.5 Exchange of academic information and materials
 - 2.6 Promoting collaboration in fields of mutual interest
 - 2.7 Promoting other academic cooperation as mutually agreed
3. This MOU sets forth the intentions of the Parties for future collaboration, cooperation and interaction and does not create any legally binding commitments. If the Parties later agree to undertake specific joint projects, they will develop separate written agreements for such projects. It is also understood that LBNL is a Federally Funded Research and Development Center (FFRDC) operated by the University of California (UC) pursuant to a written contract with the United States Department of Energy (DOE) and, therefore, any work or activities by LBNL under this MOU, or any subsequent agreements, must be in accordance with the UC/DOE contract. Both Parties agree to carry out any activities between them in accordance with the laws and regulations of their respective countries.
4. It is understood that the implementation of any of the types of cooperation stated in paragraph 2 shall depend upon the availability of resources and financial support of each Party.
5. It is agreed that treatment of intellectual property rights developed through any collaborations under this MOU will be the subject of separate written agreements.
6. This MOU shall be effective for a period of three (3) years from the date of final signature. It may be modified or extended by mutual written agreement. This MOU may be terminated by either Party upon six (6) months advance written notice.

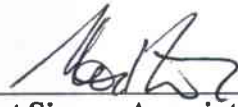
The Parties to this Memorandum of Understanding hereby confirm their agreement to its terms by the following signatures:

New University of Astana

By 
Mr. Asian Sarinzhapov, President

Date March 5, 2010

**The University of California, Management
and Operating Contractor for
Lawrence Berkeley National Laboratory**

By 
Dr. Horst Simon, Associate Laboratory
Director Computing Sciences,
Lawrence Berkeley National Laboratory

Date March 5, 2010