Preliminary report Moeck, September 12, 2008

Work accomplished
Our project is going very well and does serve the needs of the international community of materials science educators and active research scientists. This is, for example, demonstrated by the more than 15,800 hits to the websites of our interactive crystallography databases since January 1st 2008, see Fig. 1 below. The development of the Lattice-fringe Fingerprinting search and match routine makes good progress, Fig. 2.

List of expenditures made to date and positions filled
$7,100 salary for undergraduates: Jan "Irigi" Oslina and Jan Zahornadský, both for 2 month over this summer,

Timeline for the completion of grant-funded activities
Based on our current results, it is safe to conclude that all tasks of the grant funded activity will be completed within the time frame of this project. The results of this project will be presented at the symposium "Electron Crystallography for Materials Research" of the forthcoming Spring 2009 Meeting of the Materials Research Society, http://www.mrs.org/s_mrs/sec.asp?CID=10891&DID=201200. Note that the PI of this project is actually the organizer of this symposium.

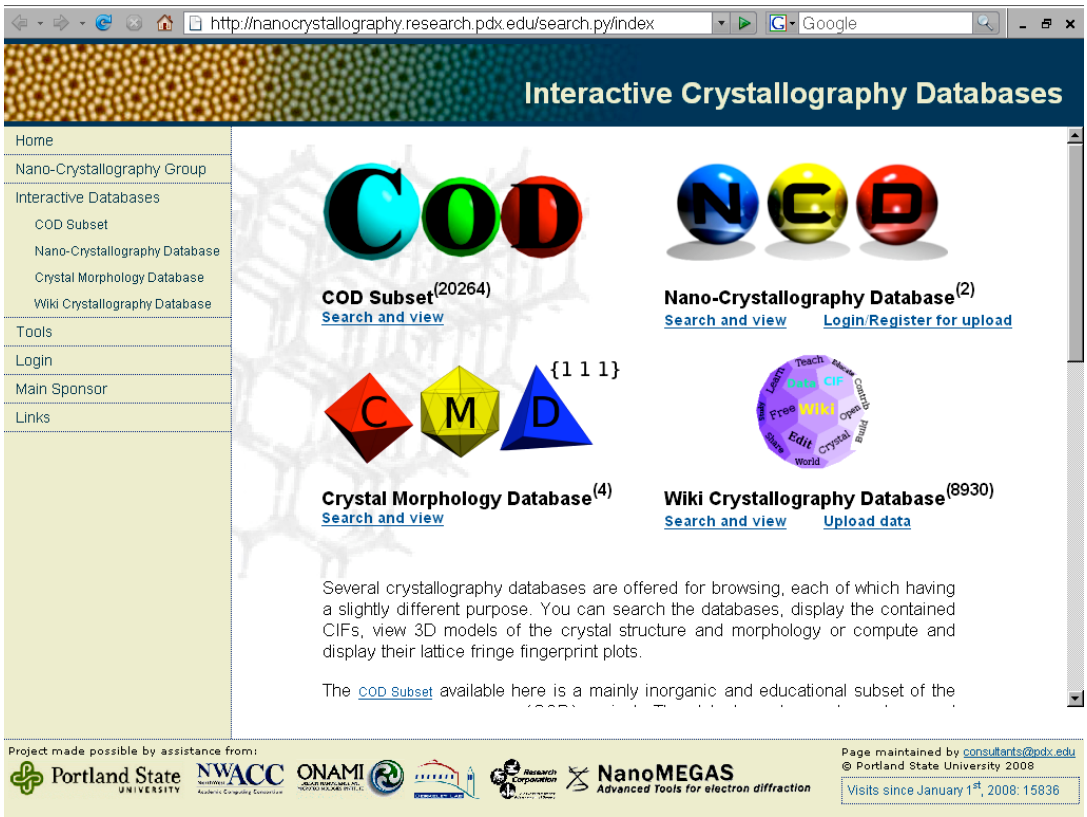

Fig. 1. Access page to our interactive open-access crystallography databases. Note the more than 15,800 hits on these websites since January 1st, 2008.

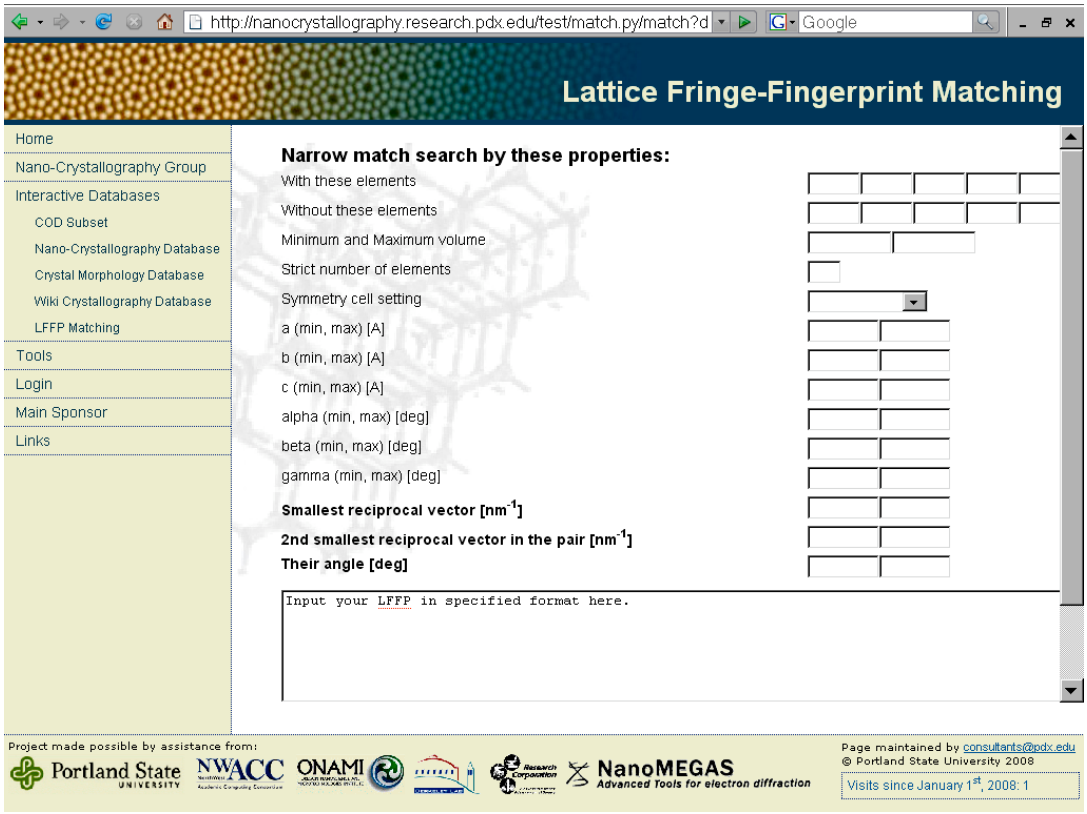

Fig. 2. Interface to the Lattice-fringe Fingerprinting Module on our development web site, http://nanocrystallography.research.pdx.edu/test