

Following the lead of Russian colleagues, photovoltaic (PV) lab kits are being built and experiments and curricula are being developed for use of these kits. This Photovoltaic Science Experiments and Curriculum (PSEC) is being tested in local high schools, at Lane Community College, and at the University of Oregon. The building and testing of the PV lab kits are in their initial stage. Teachers have been taught to use the PV kits and the PSEC is being tested in local high school science classes. Concurrently the PSEC is being used in a freshman science seminar and plans are to use the PV lab kit for training future solar installers at Lane Community College. Evaluation of these experiences will be used to refine the PSEC. Further testing will be done in the 2010- 2011 school year with the improved kits and curricula. A similar PSEC concept is already being tested in several cities in Russia and an exchange of experiences will further help improve the package. Final evaluations will be made and the PSEC will be made available on the Web. A lending library for the PSEC will be established in the Physics Department at the University of Oregon.