

Abstract Submitted
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Scientists in the Classroom Activities at LLNL¹ DONALD CORRELL, JOANNA ALBALA, RICHARD FARNSWORTH, WILLIAM MEYER, Lawrence Livermore National Laboratory — LLNL fusion and plasma education activities are broadening into the “Scientists in the Classroom” collaboration between LLNL’s Science Education Program (<http://education.llnl.gov>) and California’s San Joaquin County Office of Education (SJCOE). Initial activities involved Grades 6 - 12 teachers attending the SCJOE 2013 summer workshop addressing the physical sciences content within the Next Generation Science Standards (NGSS) as described at <http://www.nextgenscience.org/>. The NGSS Science and Engineering Practices in Physics workshop (June 22-26, 2013) that took place at the University of the Pacific included participation by the first author using video conferencing facilities recently added to the Edward Teller Education Center adjacent to LLNL. ETEC (<http://etec.llnl.gov/>) is a partnership between LLNL and the UC Davis School of Education to provide professional development for STEM teachers. Current and future activities using fusion science and plasma physics to enhance science education associated with “Scientists in the Classroom” and NGSS will be presented.

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