

Abstract Submitted  
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**Science Education Collaborations at PPPL** ANDREW P. ZWICKER, JOHN DELOOPER, JAMES MORGAN, CHRISTINE RITTER, PPPL — PPPL's Science Education Program (SEP) collaborates with a variety of institutions in order to expand its K-12 programs. The Plasma Camp professional development workshop now includes middle and high school teachers from the same school district in order to vertically integrate new plasma-based curricula from grades 6 - 12. A collaboration with a learning different school includes new energy- centered curricula while an entire elementary school creates a model renewable-energy city. Finally, a new program with a local science museums that will include remote video conferencing from the NSTX control room, a table-top plasma experiment, and new plasma displays for the general public will debut this Fall. Along with education programs, student research continues on an ECR sputter source and transport measurements in a dusty plasma.

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