

Abstract Submitted
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Working with Next Gen PET and Joining a Faculty Online Learning Community¹ FRED GOLDBERG, San Diego State University, EDWARD PRICE, California State University at San Marcos — In this workshop we will explore several issues related to physics and physical science courses for preservice elementary teachers, in the context of the new Next Generation Physical Science and Everyday Thinking (Next Gen PET) set of curriculum materials. After reviewing the Next Gen PET materials participants will discuss how different parts of the curriculum can be used to put together a physics or physical science course for either a studio-style or lecture-style environment. Optional activities that focus on the teaching and learning of elementary children can also be included. We will also explore the affordances of a new online instructors resource, <http://nextgenpet.iat.com>, which includes a large collection of classroom video clips illustrating students interactions and learning in all parts of the curriculum. Finally, we will describe a new 5-year NSF-supported project to establish a large dynamic faculty online learning community (FOLC) around the Next Gen PET materials. Participation in this community will offer opportunities for collaborative faculty development and research. See <http://www.ngpfolc.org> for more information.

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