

Abstract Submitted
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Applying **New** **Faculty** **Work-**
shop Lessons Learned to Intermediate-Level Physics Courses MELISSA
EBLEN-ZAYAS, Carleton College — Although much innovative work on physics
teaching techniques and curriculum has been carried out at the level introductory
physics, there has been less focus on the intermediate-level physics courses. Since
my participation in the new faculty workshop, I have been particularly interested in
finding ways to implement peer instruction and other active learning strategies in
sophomore and junior level physics classes. Many curricular resources are available
for introductory physics, but finding appropriate materials for courses beyond the
introductory level is more challenging. I will discuss the use of comPADRE resources
as well efforts to develop original activities to promote active learning and concep-
tual understanding, and I will highlight the successes and challenges of integrating
these types of activities in intermediate-level physics courses.

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