

Abstract Submitted
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BFY (Beyond First Year) Labs Help Define BSU Physics Dept.

ED DEVENEY, Bridgewater State University — BSU Physics has always been the place for teachers to get outstanding physics and education backgrounds – a proud tradition that continues to flourish. Just over a decade ago, however, the physics department looked to emphasize a broader program that reflected the desires and needs of both students and Massachusetts STEM interests by adding focus on preparing majors for graduate research and local Massachusetts high-tech industries. New and/or revitalized BFY Labs have helped to establish this emphasis and include: Modern Physics Lab, Optics Labs, Electronics Lab and Advanced Experimental Physics. All of these new BFY labs are housed in BSU's new Science and Mathematics Complex in dedicated Atomic/Molecular and Optics Laser, Instruments, and Electronics/Robotics Labs plus an academic machine shop. This poster will detail the individual BSU experiments as well as their organization within each of the BFY Lab courses.

Ed Deveney
Bridgewater State University

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