

Abstract Submitted
for the NWS12 Meeting of
The American Physical Society

Using Graphene as Gas Detector¹ CHRISTINA BIBLER, KYEL LAMBERT, MICHAEL CROSSER, Linfield College — The resistivity of graphene is sensitive to the presence of gas molecules adsorbed on it. Since graphene is one atom thick, a gas detector made from it might be sensitive to the presence of even single molecules of gas. We report on progress in making devices for this purpose and on future directions of research.

¹Linfield College Faculty/Student Collaborative Grant

Michael Crosser
Linfield College

Date submitted: 14 Sep 2012

Electronic form version 1.4