

Abstract Submitted
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CVD Grown Graphene for Gas Detectors ANDREW TAN,
CHRISTINA BIBLER, MICHAEL CROSSER, Linfield College — The so-called
scotch-tape method is a commonly used process to isolate graphene from bulk
graphite. However, the flakes of graphene that are produced are small and must
be found individually. We present results from our home-built chemical vapor de-
position chamber that allow us to produce large surface graphene sheets via the
pyrolytic decomposition of methane. We also present ongoing work to produce de-
vices from this graphene for the purpose of making gas sensors.

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