

Kraig J. Andrews

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PUBLICATIONS	1. Chamlagain, B., Perera, M., Chuang, H.J., Bowman, A., Rijal, U., Andrews, K. , Klesko, J., Winter, C., Zhou, Z. “Substrate dependence of Hall and Field-effect mobilities in few-layer MoS ₂ field-effect transistors.” <i>Manuscript in preperation</i> , 2016.	
TEACHING EXPERIENCE	Teaching Assistant, General Physics I, Wayne State University Fall 2015 Teaching Assistant, General Physics Lab I, Wayne State University Summer 2015 Laboratory Instructor, Conceptual Physics, Wayne State University Winter 2015 Laboratory Instructor, Descriptive Astronomy, Wayne State University Winter 2015 Laboratory Instructor, Descriptive Astronomy, Wayne State University Fall 2014 Teaching Assistant, Introductory Physics II, Michigan State University Winter 2014 Laboratory Instructor, Planets and Telescopes, Michigan State University Winter 2013 Teaching Assistant, Introductory Physics I, Michigan State University Fall 2013 Teaching Assistant, Introductory Physics II, Michigan State University Winter 2012	
RELEVANT SKILLS	Nanofabrication: <ul style="list-style-type: none"> • Atomic Force Microscopy (AFM), Electron Beam Lithography, Photolithography, Computer-Aided Design (CAD), Scanning Electron Microscopy (SEM), clean room, chemical etching, metal deposition, and others Programming: <ul style="list-style-type: none"> • C, C++, Fortran, GNU make, HTML, CSS, Python, UNIX shell scripting, and Visual Basic Data Analysis: <ul style="list-style-type: none"> • GNU octave, Kaleidagraph, LabView, MATLAB, Mathematica, Microsoft Excel Data Analysis: <ul style="list-style-type: none"> • Apple OS X, Linux OS, Microsoft Windows Family Editing and Typesetting: <ul style="list-style-type: none"> • T_EX, Microsoft Office, OpenOffice, LibreOffice, GIMP, InkScape Version Control: <ul style="list-style-type: none"> • Git, Mercurial, SVN 	
RELEVANT GRADUATE COURSEWORK	<ul style="list-style-type: none"> • Advanced Quantum Mechanics I & II • Survey of Condensed Matter Physics • Statistical Mechanics • Electrodynamics • Thermal Physics 	