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560-757-7283  
Evan Hurley  
Assistant Professor of Chemistry - LINDSEY W ILSON COLLEGE  
Bomoseen VT - Email me on Indeed: indeed.com/r/Evan-Hurley/51ea113ac3f85a2f  
WORK EXPERIENCE  
Assistant Professor of Chemistry  
LINDSEY W ILSON COLLEGE - Columbia KY - August 2013 to Present  
LINDSEY W ILSON COLLEGE - Columbia KY - 2014 to 2015  
Independent research project  
Jacob Giordano: Synthesis of multidimensional coordination polymers. Jacob is currently working on synthesizing pyridine-based ligands and using them to make novel coordination polymers with various metals.  
Brittany Dean  
LINDSEY W ILSON COLLEGE - Columbia KY - 2014 to 2015  
Improving the solubility of anti-epileptic drugs. Brittany is continuing the project started by  
Wendy Price and studying how to develop new forms of anti-epileptic drugs to potentially improve solubility.  
LINDSEY W ILSON COLLEGE - Columbia KY - 2013 to 2014  
Honors program research project  
Paige M. Lewis: Increasing the solubility of Tamoxifen an anticancer drug. Paige completed her honors project and successfully presented her results while receiving one of the highest scores in the history of the college honors program.  
LINDSEY W ILSON COLLEGE Columbia KY USA 2013-2014  
Honors program research project  
Wendy Price: Improving the solubility of anti-epileptic drugs. Wendy completed her honors project and successfully presented her results.  
Graduate Research Assistant  
KANSAS STATE UNIVERSITY - Manhattan KS - 2008 to 2013  
Advisor: Christer Aakero\_y  
 Crystal engineering: co-crystal synthesis and screening of as-prepared small molecules with different hydrogen and halogen bond donor molecules.  
 Organic synthesis: C-C bond forming cross-coupling reactions (Suzuki-Miyaura and Sonagashira) and small molecule synthesis.  
 Synthesis of gold and silver nanoparticles for making superlattice assemblies and studying particle interaction and aggregation.  
 Photochromic spiropyran molecules: studies on crystal growth and dynamic behavior influenced by light.  
 Use of Spartan (molecular modeling computer program) to construct electrostatic potential maps on small molecules in order to predict probable binding sites.  
 Single crystal growth of organic co-crystals held together via non-covalent interactions.  
SOLID STATE CHEMICAL INFORMATION (NOW PART OF ALBANY MOLECULAR RESEARCH INC.) West Lafayette IN  
Sr. Research Specialist  
- 2007 to 2008  
   
Supervisor: Jason Hanko  
 Intellectual property (IP) work with active pharmaceutical ingredients (API) molecules including polymorph salt and co-crystal screening to determine the most thermodynamically stable form.  
 Single crystal growth studies of API molecules for structure elucidation.  
 Analysis of thermodynamically stable forms of client API's including X-ray diffraction (powder and single crystal) thermal gravimetric analysis differential scanning calorimetry hot stage microscopy dynamic  
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vapor sorption analysis Raman spectroscopy NMR spectroscopy ( H and C) and infrared analysis.  
 Wrote reports summarizing the research findings and participated on conference calls with clients.  
 Promoted from research specialist to sr. research specialist after three month review.  
Graduate Research Assistant  
UNIVERSITY OF NEBRASKA - LINCOLN - Lincoln NE - 2004 to 2007  
Advisor: Wonyoung Choe  
 Crystal engineering of porphyrin-based materials for making potentially porous organic-based solids. Synthesis of various porphyrin ligands for interaction with metals.  
 Single crystal growth of the materials for structure elucidation.  
 Variable temperature x-ray analysis on single crystals to test for changes in lattice parameters.  
Undergraduate Research Assistant  
HOBART COLLEGE - Geneva NY - 2003 to 2004  
Advisors: Martel Zeldin and Bradley Kraft  
 Synthesis of polyhedral oligomeric silesquioxane (POSS) compounds with an organic moiety tethered to the POSS cage to form a potential catalytic complex.  
 Synthesis of zirconocene complexes possessing di-schiff base ligands of 2-hydroxy-5- methylisopthaldehyde as potential catalysts for olefin epoxidation reactions.  
UNDERGRADUATE ST UDE NTRESEARCH  
EDUCATION  
Ph.D. in Chemistry  
KANSAS STATE UNIVERSITY August 2013  
M.S. in Chemistry  
UNIVERSITY OF NEBRASKA 2007  
B.S. in Chemistry  
-  
Manhattan KS  
Lincoln NE  
-  
HOBART COLLEGE - Geneva NY 2004  
ADDITIONAL INFORMATION  
Research scientist with experience in organic synthesis pharmaceutical chemistry and nanoparticle synthesis. Practical expertise in project management laboratory research data collection and analysis.