

## Student Publications: 2015 2019

(Chemistry undergraduate authors are underlined)

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### 2015

Bruce, C.D.; Ferrara, M.M.; Manka, J.L.; Davis, Z.S.; Register, J. Dynamic hydrogen bonding and DNA flexibility in minor groove binders: molecular dynamics simulation of the polyamide f-ImPyIm bound to the MIu1



## Student Presentations: 2015 2019

(Chemistry undergraduate presenters are underlined; awards received are **bold underlined**)

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### 2015

Bou-Anak, S.; Burgett, M.; Nowacki, A.; Ahluwalia, M.; Gladson, C. Correlation of Higher Levels of Soluble TNF-R1 in Plasma with Increasing Age and Obesity in Pa



Hurd, A.; Myers, A.; Mandato, D.; Fadoul, M.; Challen, P.; Kwan, D. Synthesis of a Pincer Complex with Sulfur Donor Atoms. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2015.

Indiano, B.; Rohde, D. Addition of Amphetamine Assay to an ELISA Drug Menu. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2015.

## 2016

Bakula, B. Interaction Simulations of Fatty Acid Binding Protein 5 with Fatty Acid Substituted Ligands. Presented at 15<sup>th</sup> MERCURY Conference on Undergraduate Computational Chemistry, Bucknell University, Lewisberg, PA, July 2016.

Beer, A.; Chai, Y. Peroxide Induced Specific Protein Modification in HeLa Cells. Presented at Cleveland Section ACS Meeting-in-Miniature, Cleveland State University, Cleveland, OH, March 2016.

Beer, A.; Chai, Y. Peroxide Induced Specific Protein Modification in HeLa Cells. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Blask, S. Characterization of the Bandwidth Gap of Graphene Quantum Dots. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Brown, B. Molecular Dynamics of Ligand Binding into FABP5. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Brown, B. Molecular dynamics simulations of a series of experimentally active ligands bound to Fatty Acid Binding Protein 5. Presented at the 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 2016.

Hadib Nissan, R. Hydrazone synthesis: E/Z conformational selectivity. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Hunter, N. Molecular Dynamics Studies of CRABP-II. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Hunter, N. Molecular dynamics studies of the binding of retinoic acid to the transport proteins CRABP-II and FABP5. Presented at the 252<sup>nd</sup> ACS National Meeting, Philadelphia, PA, August 2016.

Lee, M. Tumor Necrosis Factor Receptors in Psoriasis. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016. **Poster of Special Merit**

Mihas, A.; Murphy, H.; Wideman, C. Effects of a High-Fat/High-Sucrose Diet on Metabolism, Spatial Working Memory, and Anxiety-Like Behavior in Rats. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Monahan, A. Oxidative Stress and Alzheimer's Disease. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.



Mualem, J. The Economics Perspective of Gene Patents: Myriad Genetics Case Study.  
Presented at Celebration of Scholarship Panel Presentation, John Carroll University,  
University Heights, OH, April 2016.

Mualem, J.; Smith, J.; O'Dell, K. Transformational Leadership: From Theory to Board Room.  
Leadership Scholars Program. Presented at Celebration of Scholarship,ship Scholars Program



Taleff, N. Proton NMR Studies of the Equilibrium of Acetylacetone. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, April 2016.

Volpe, D.; Dyck, J.; Challen, P. Bottom-Up Wet Chemical Synthesis of the Infinitely Adaptable Bismuth Telluride Series. Presented at Celebration of Scholarship Poster Session, John



Koetting, P. Initial Coordinates Impact on Trajectory of Protein-Ligand Binding Interactions with FABP5. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights,