



Student Publications: 2000 – 2004

(Chemistry undergraduate authors are underlined)

2000

Rodgers, J.T.; Patel, P.; Hennes, J.L.; Balognia, S.L.; Mascotti, D.P. Use of Biotin-labeled Nucleic Acids for Protein Purification and Agarose-based Chemiluminescent Electromobility Shift Assays. *Anal. Biochem.*, **2000**, 277, 254-259.

2001

2002

2003

2004

Kwan, M.L.; Battiste, M.A.; Macala, M.K.; Aybar, S.C.; James, N.C.; Haoui, J.J.



Student Presentations: 2000 – 2004

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

2000

Bellar, J.; Waner, M. Examination of Concanavalin A Structure at the Solid/Liquid Interface by Atomic Force Microscopy. Presented at The 16th Biennial Conference on Chemical Education, University of Michigan, Ann Arbor, MI, August 2000.

Giannios, N.; Mascotti, D.M. Determining Effects of Iron-starvation on E. coli Promoters Using Green Fluorescent Protein. Presented at The 16th Biennial Conference on Chemical Education, University of Michigan, Ann Arbor, MI, August 2000.

Homer, C.; Nichols, M.A. The Effects of Co-Solvents on the Formation of Mixed Alkali Metal Complexes. Presented at Cleveland Section ACS Meeting-in-Miniature, Baldwin Wallace College, Berea, OH, March 2000.

Homer, C.; Nichols, M.A. The Effects of Co-Solvents on the Formation of Mixed Alkali Metal Complexes. Presented at the 75th Anniversary Celebration of Iota Sigma Pi, Cleveland State University, Cleveland, OH, March 2000.

Jagodnik, K.; Ewing, D.W. Determination of Kinetic Parameters of Hydrocarbon Abstraction Reactions Using Ab Initio Methods. Presented at The 16th Biennial Conference on Chemical Education, University of Michigan, Ann Arbor, MI, August 2000.

Lewis, M.; Shaneyfelt, K.; Miller, C.M. New Methods of Extraction and Purification of the Blue Copper Oxidase Laccase. Presented at Bridges to Success in the Sciences Poster Session, Cuyahoga Community College, Metro Campus, Cleveland, OH, April 2000.

Nemeth, D.; Nichols, M.A. A Chemical and Microbiological Survey an Urban Watershed: Euclid Creek. Presented at The 16th Biennial Conference on Chemical Education, University of Michigan, Ann Arbor, MI, August 2000.

Rogers, J.T.; Mascotti, D.M. Quantitative Dual Membrane Nitrocellulose Filter Binding Assays. Presented at The 16th Biennial Conference on Chemical Education, University of Michigan, Ann Arbor, MI, August 2000.

Salwan, A.; Mascotti, D.M. Dependence of the Extent of Ion Association with Polynucleotides and Peptides as a Function of Solution Dielectric. Presented at t



Shaneyfelt, K.



McGill, S.; Morris, J.; Challen, P. Characterization of HAT-



Macala, M.; Kwan, M.L. Application of Organoaluminum Reagents in a One-pot Synthesis of Vinylsilanes. Presented at Cleveland Section ACS Meeting-in-Miniature, Oberlin College, Oberlin, OH, March 2003.

March, M.; Setter, M.; Nichols, M. Evaluation of Doan Brook for Metals Contamination and Accumulation using ICP-MS. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, March 2003.

Morris, J.J.; Challen, P.R.; Ewing, D.W. Synthesis and Studies of HAT-(CN)₆ and Metal Complexes. Presented at Cleveland Section ACS Meeting-in-Miniature, Oberlin College, Oberlin, OH, March 2003. **Outstanding Undergraduate Research Award**

Morris, J.; Challen, P. Metal Complexes of HAT-(CN)₆. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, March 2003.

2004

Czerwinski, J.D.; Mascotti, D.P. Chemiluminescent Nitrocellulose Filter Binding Assays: SOD/DNA Interaction as an Example. Presented at the 48th Annual Biophysical Society Meeting, Baltimore, MD, February 2004.

Czerwinski, J.D.; Mascotti, D.P. Chemiluminescent Nitrocellulose Filter Binding Assays: SOD/DNA Interaction as an Example. Presented at Cleveland Section ACS Meeting-in-Miniature, John Carroll University, University Heights, OH, March 2004.

Czerwinski, J.D.; Mascotti, D.P. Chemiluminescent Nitrocellulose Filter Binding Assays: SOD/DNA Interaction as an Example. Presented at Celebration of Scholarship Poster Session, John Carroll University, University Heights, OH, March 2004.

Jackson, H.; LaMarca, K.; Kwan, M.L. Biochemical Advances in Green Chemistry. Presented



Hudach, K.; Kwan, M.L. Diethylaluminum Chloride Mediated Vinylsilane Synthesis:
Comparison of Different Solvent Systems. Presented at Cleveland Section ACS Meeting-in-

