

Gina Ammerman

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Indiana University Purdue University Indianapolis

Department of Chemistry and Chemical Biology

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Current Position:

Lecturer, Forensic and Investigative Sciences Program, Indiana University Purdue University Indianapolis

Responsibilities:

- Lecture on chemistry related topics, such as general chemistry, instrumentation of chemistry and forensic chemistry
- Operate and maintain research forensic and analytical chemistry laboratory

Education:

Indiana University Purdue University Indianapolis

Indianapolis, IN

Master of Science

December 2006

Major: Analytical Chemistry

GPA: 3.8/4.0

Ball State University

Muncie, IN

Bachelor of Science

May 2004

Major: Chemistry

Minor: Mathematics

GPA: 3.4/4.0

Related Experience:

Eli Lilly and Company

Greenfield, IN

Biomarker Co-op Student

January 2005-Present

- Method validation for development and implemented assays used for quantification of compounds and/or biomarkers used to determine pharmacokinetic and drug disposition parameters
- Write or modify departmental standard operational procedures, methods, procedures, and guidelines
- Evaluate and contribute to the evaluation of new technologies, techniques, study designs and equipment, including but not limited to LC/MS/MS and GC/MS/MS

Indiana University Purdue University Indianapolis

Indianapolis, IN

Graduate Student

August 2004-Present

- Analysis of pigmented inks via pyrolysis gas chromatography mass spectrometry
- Teacher's assistant in forensic chemistry laboratory and general chemistry laboratory
- Organize and maintain forensic science laboratory including instrument maintenance

Eli Lilly and Company

Indianapolis, IN

Product Development Summer Intern

May 2004-August 2004

- Developed a method to analyze binary blends on UV-Vis and Atomic Absorption
- Analyzed binary mixtures on HPLC to compare with NIR on-line blending
- Used PLS modeling to determine linearity and endpoint of chemical data

Eli Lilly and Company

Indianapolis, IN

ADME Summer Intern

May 2003-August 2003

- Developed aminopeptidase activity assays for 96-well plates
- Used Gemini Spectra Max Fluorescence

Ball State University

Stockroom Assistant

- Prepared labs for general chemistry classes
- Maintained stockroom appearance and laboratory activity

Muncie, IN

October 2001-May 2004

Publications:

P. Method, J. Siegel, and **G. Londino**. “Comparison of blood and duplicate breath testing for ethanol in Indiana” *Journal of the Alcohol Testing Alliance*, Volume 15, Issue 1: 17-21 (2006).

G. Londino and C. Waung. “How to ask sensitive questions using statistics: a case study on academic dishonesty”. *Ball State University Undergraduate Math Exchange*, Volume 2, Issue 1: 18-21 (2004).

Abstract / Presentations:

G. Londino and J. Siegel. Instrumental analysis of pigmented inks. Presentation at: American Academic of Forensic Science conference; 24 February 2006; Seattle, Washington.

J. Siegel and **G. Londino**. Instrumental analysis of pigmented inks. Grantee Poster at: American Academic of Forensic Science conference; 21 February 2006; Seattle, Washington.

J. Siegel, K. Jaunman, and **G. Londino**. The analysis of cosmetic glitter. . Presentation at: American Academic of Forensic Science conference; 25 February 2006; Seattle, Washington.

G. Londino, L. King, H. Brown, A. Garrett, F. Rhea, K. VanDerKamp, and D. Reed. Evaluation of analytical capabilities of the Zeiss® on-line near-infrared detector. Poster presented at: Eli Lilly and Company; 30 July 2004; Indianapolis, Indiana.

G. Londino. Development of an assay for aminopeptidase activity in 96 well plates. Poster presented at: Eli Lilly and Company; 1 August 2003; Indianapolis, Indiana.

References available upon request