

Keeve Gurkin

309 Boston Ave
Meford, MA 02155
gurkin.k@neu.edu ▪ 914-646-5163

Education:

Northeastern University, Boston, MA

- Currently working towards a BS/MS degree in Chemistry, expected graduation 2010
- Minor in Criminal Justice
- Completed Science based courses at Northeastern University:

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|--|-------------------------------------|
| • General Chemistry 1 & 2 with Lab | • Bioanalytical Chemistry with Lab |
| • Organic Chemistry 1 & 2 with Lab | • Physics 1 & 2 with Lab |
| • Physical Chemistry 1 & 2 with Lab | • Calculus 1 & 2 |
| • Biochemistry with Lab | • Instrumental Analysis |
| • Inorganic Chemistry | • Organic Synthesis with Lab |
| • Chemical Synthesis and Characterization with Lab | • Spectroscopy of Organic Compounds |

Analytical Chemistry Skills:

- Laboratory skills: organic synthesis, solid-state synthesis, titration, crystallization, purification, distillation, separation, column chromatography, thin layer chromatography, extraction, dilutions, milling, coating, casting, etc.
- Instrumental skills such as the operation and the interpretation of data from, NMR, CV, XRD, GC/MS, HPLC, UV-vis, and IR spec.

Work Experience:

Sanjeev Mukerjee Group (NUCRET) Leap Program

April

2008 – Present

Lab Assistant

- Synthesis, testing, and analyzing compounds for Lithium-ion based cathode batteries.
- Tasks included: Solid-state synthesis, use of glove box to assemble T-cells, use of cyclic voltometer, use of tube-furnace for high heat burning, experimental exploration, etc.

Foster-Miller, Inc., Waltham, MA

July 2008 –

December 2008

Lab Assistant

- Worked on multiple projects dealing with organic-metallic compounds in the area of bio-defense.
- Tasks included: Sorption and Kinetics tests, operation of UV-vis, synthesis, sample preparation, method exploration, etc.

Boston University School of Medicine, Boston, MA

July 2007 –

December 2007

Lab/Administrative Assistant for the Program in Biomedical Forensic Sciences

- Provided support for five instructors within the Program.

- Tasks included: Administrative duties, setting up Biology Labs, testing on IR spec and GC/MS.

Town of Cortlandt Day Camp, Cortlandt Manor, NY

June 2005 –

September 2005

Senior Camp Counselor (seasonal)

- Supervised about 25 young 3rd – 4th grade campers
- Lead a team of four supporting counselors

Kohl's Department Store, Cortlandt Manor, NY

February 2005 –

September 2005

Sales Associate

- Primary cashier, multi-department specialist, stocker, and freight crewmember.

Mahopac Central School District, Mahopac, NY

June 2002 –

September 2004

Assistant Computer Technician (seasonal)

- Performed Ghosting, hardware configurations, A/V hookups, basic networking, and software support.

Technical Skills:

- Gaussian 03, SciFinder Scholar, Endnote, ChemsSketch, Microsoft Word, Excel, PowerPoint, Adobe Dreamweaver, Adobe Photoshop CS3, Adobe Premiere 6.0, Windows XP and Vista, OS X.

Activities:

- Member of the Northeastern University Student Affiliates of the American Chemical Society.
- Member of Pi Kappa Alpha International Fraternity.