

George Westby

Senior Chemist / Lab Health and Safety Officer - Intertek Testing inc

Syracuse, NY - Email me on Indeed: [indeed.com/r/George-Westby/388fb20d96730553](https://www.indeed.com/r/George-Westby/388fb20d96730553)

To be involved in design and process development while improve and upgrade chemical analysis like HPLC, GC-MS and NMR. I will use my long term research experience to help expand the reaches of current chemical instrumentation and methods while teaching others of my thoughts and findings. From there I would be involved in documentation and testing for process and equipment validation.

Authorized to work in the US for any employer

WORK EXPERIENCE

Senior Chemist / Lab Health and Safety Officer

Intertek Testing inc - Cortland, NY - June 2015 to Present

- * Setup testing lab for quick clean sample testing turnaround and to focus on laboratory development while running specified testing using GC, HPLC, GC/MS, LC/MS, MiniCams, Conductivity and FTIR.
- * Focused on NFPA standard testing for the validation of safety equipment and clothing such as fire/chemical/biological PPE.
- * Record hood all safety, chemical purchasing and waste pickup.
- * Write SOP's and LOP's for quick lab help training.
- * Trained as only hazardous chemical technician with full facemask, SCBA and Tyvek suit
- * Repair all instrumentation.
- * Much personal involvement with MIST testing to ensure that chemical gases are stopped by fully encapsulated personnel suits during rescue activities.
- * Teach and mentor in all NFPA standard testing process for all incoming lab personnel

Web Developer, Information interface designer

Lunamuse Artists - Syracuse, NY - January 2001 to Present

- * Self founded business. First companies were sought by me, followed by much business by word of mouth.
 - * Person to person meetings conducted to determine layouts, styles and general expectations.
- Best methods for attracting sales inquiries and repeat visitors were researched. Design scrolling movies, edit photos, create: flash, HTML and apply PHP. Maintain and update continuing sites.
- Accomplishments: Acquired by Universal Instruments to design information CD for Advanced Process Lab. Continuing local business.
- Programs used: Dreamweaver MX, Flash MX (actionsript), Illustrator, Photoshop, After Effects, Lightwave and Director.

Research Scientist

Research Foundation of SUNY - Syracuse, NY - September 2006 to June 2015

- * Design and construct analytical apparatus, setup and validate functionality of new equipment, develop analytical protocols and modify existing instrumentation. Troubleshoot all issues.
 - * Teach grad/undergraduate students analysis techniques and routine equipment maintenance.
- Design and update analysis techniques for completion of grant requirements.
- Accomplishments: Chosen to take place of primary investigator during a 2 month Antarctic Cruise in 2004-05 and headed a 4 month research campaign at Palmer Station, Antarctica 2005-06.

Software Testing Scientist

Thermo Electron - Salem, NH - October 2002 to October 2003

Software validation: Validate data content based on LC-MS, NMR, GC, LC and other spectroscopic instrumentation parameters; Log issues; Suggest fixes to developers; Test fixes. Troubleshoot Hardware; Software. Build computers.

* Product support: Phone support calls; E-mail support;

Inform customers on instrumentation connection and communication issues.

* Software planning: Plan scope, architecture and functionality; Research competitors' software

* Writing scientific documentation: Test plans; Functionality; Regression testing; Test reports.

Accomplishments: Took over Product Support within two week of hire. 3 and 6 month reviews plus exit interview were outstanding.

Programs used: MS Office, Source Safe, Track Record, HEX

Workshop, GRAMS/AI, ERM and all in-house development programs.

Laboratory Technician

National Science Foundation - Syracuse, NY - May 1999 to September 2002

Construct analytical apparatus, modify existing instrumentation research and purchase all lab equipment and supplies, run experiments, troubleshoot all issues, build necessary apparatus. Teach users GC, HPLC, IR/UV-VIS sample irradiations, sampling procedures.

* Prepare data for publication; Edit research papers; edit and compose grant proposals.

* Prepare lab for four, 1-2 month long, research cruises on the R/V Endeavor and the R/V Seward Johnson.

* Maintain contacts and form new relationships with sales representatives.

Accomplishments: Chosen to participate in four mid Atlantic research cruises.

Operating Room Technician

United Health Services, Wilson Hospital - Johnson City, NY - June 1996 to September 1999

Secondary assistance in surgery.

Sterilized and replaced instruments.

Emergency response to trauma. Helped nurses with patients.

Accomplishments: Received commendation for assistance with new procedure by Drs. Tvetenstrand, Hammoud and Farrell.

EDUCATION

Masters of Science in area of Analytical Chemistry

SUNY College of Environmental Science and Forestry

October 2003 to September 2006

Bachelors of Science in area of Analytical Chemistry

SUNY ESF

January 1999 to December 2001

SKILLS

HPLC (5 years), TRAINING (10+ years), MS OFFICE (10+ years), NMR (1 year), GC-MS (2 years)

ADDITIONAL INFORMATION

SKILLS

Developed and taught techniques in GC, HPLC, UV/VIS,

Fluoroscopy and IC-MS, much experience in DIC, DOC, TOC.

Have had training with NMR, ICP, GC-MS and AAS;

I am very easily introduced to new analysis.

I am certified under SUNY-CESF Radiation Safety Committee

and covered by the college's New York State Radioactive

Material License; I have four years experience in handling

³⁵S and ¹⁴C. Software: In-depth MS Office experience,

Chromeleon, E-record manager and Grams AI.

Familiar with Bruker, Shimadzu, Finnigan, Dionex and HP software.