

# Julia Anne Rossi

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San Diego, CA 92124

## Education

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### **Baldwin-Wallace College (Berea, OH)**

B.S. Chemistry

GPA: 3.76

Honors: *summa cum laude*

**Related Coursework:** Organic Chemistry, Biochemistry, Analytical Chemistry, Physical Chemistry, Instrumental Methods, Environmental Chemistry, Microbiology

## Skills

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**Laboratory:** pH measurement; biostation (pH, optical density, conductivity of bulk material); dilutions; pipetting; gel electrophoresis; HPLC; flow cytometry; NMR spectroscopy; photospectroscopy; gas chromatography; fortifications and assays; titration; filtration

**Equipment:** testing on various platforms including Architect and Elecsys; Ivek filling machine/M&O Perry Filling Machine; Elitech Sweat Chek machine

**Computer:** Oracle and SAP Inventory Management; advanced knowledge in Microsoft Word and Excel

## Relevant Work Experience

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### **HOLOGIC GEN-PROBE** – Process Development Associate

*Operation Technical Support Department*

August 2013 – present

- Reagent preparation per written instruction without assistance.
- Developed processes for transfer to manufacturing including adjusting formulations as needed until product functionality meets specifications identified by R&D.
- Executed process validations of new and existing manufacturing documents for R&D.
- Maintained the pilot plant and laboratory: stocked and ordered laboratory supplies and production material including raw materials and lab ware.

### **AALTO SCIENTIFIC** – Production Chemist

*Manufacturing Department*

January 2012 – July 2013

- Developed immunoassay products adhering to GMP/ISO practices and documentation.
- Designed and executed experimental plans, collected data, optimized assay conditions, troubleshoot manufacturing process issues.
- Documented experimental details, performed data analysis, interpreted data and reported progress in a timely manner to the production department.
- Drafted SOPs and MBRs in accordance to manufacturing processes.
- Interacted with manufacturing and QC departments to coordinate production activities including Bills of Material and other planning activities.

- Manufactured pilot/initial lots of new product, and worked closely with manufacturing team to ensure on time product release.

**J.M. SMUCKER'S COMPANY** – Analytical Chemist Intern  
*Analytical/Microbiology Lab and Product Development Department*  
May 2009 – December 2011

- Evaluated several current and developing Smucker's jellies and preserves for nutritional content, lipidemic profiles, and sugar compositions.
- Performed quality analysis on all lines of Smucker's products.
- Verified nutritional claims on labels and facilitated new nutritional labeling systems with Smucker's companies in Canada and Mexico.
- Worked closely with R&D to design experiments in adjusting nutrient and ingredient compositions for developing Smucker's products.

## **Extracurricular Activities and Volunteer Work**

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### **Collegiate Varsity Letter Earner in Swimming**

- Team Captain (2010, 2011)
- North Coast Athletic Conference All-Academic Team (2008 – 2011)

### **2x Ironman Triathlon World Championship Qualifier**

- Top 10 age group finish (2010)

### **Volunteer Swim Coach Special Olympics of Southern California**

- Head Coach for Summer Olympic Games (2012)