

Heather A. Weeks

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Objective: To obtain a position that optimizes my background in agriculture and international trade.

Education: **M.S. Agricultural and Applied Economics**, May 2010
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA

B.S. Dairy Science, May 2008
Virginia Polytechnic Institute and State University (Virginia Tech), Blacksburg, VA
Minors in both Agricultural and Applied Economics and International Studies
GPA 3.58/4.0
Dean's List five semesters: Fall 2005 - Spring 2008

Study Abroad, Summer 2006
Lorenzo de Medici School, Florence, Italy
Extensive course work in Political Science and Humanities

Research Experience: **Research Assistant**, Department of Agricultural and Applied Economics

Virginia Tech, Blacksburg, VA

August 2008 - Present

- Collected and organized data for various projects under adviser, Jason Grant

Research Assistant, Sustainable Agriculture and Natural Resource Management

Collaborative Research Support Program (SANREM CRSP), Blacksburg, VA

April 2007 - May 2008

- Maintained the SANREM Knowledge Base of Internet resources
- Completed office tasks including filing and database management
- Corresponded with partners at outside institutions both in U.S. and abroad

Lab Assistant, Department of Dairy Science Nutrition Lab, Blacksburg, VA

August 2007 - May 2008

- Performed bacterial isolation on rumen, omasal and duodenal bovine samples
- Performed Western Blot Technique for the purpose of protein synthesis regulation
- Assisted with rumen evacuation

Undergraduate Research, Department of Dairy Science Nutrition Lab, Blacksburg, VA

July - August 2007

- John Lee Pratt Animal Nutrition Senior Fellow Internship
- Created library of bovine metabolites processed with NMR Spectrometry in the KnowItAll® Software
- Analyzed plasma, liver and blood samples from 23 calves using NMR Spectroscopy

SANREM CRSP Research Intern, Guaranda and Quito, Ecuador

May - June 2007

- Completed undergraduate research in the dairy market structure of Upper Guanujo
- Collaborated with Virginia Tech and Ecuadorian agencies, including INIAP
- Participated in intensive Spanish language classes

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Agriculture Experience:

Cooperative Extension Intern, Virginia Cooperative Extension, Goochland, VA

June - August 2008

- Assisted with planning and operation of nine weeklong day camps for youth ages 5-12
- Attended VA 4-H Congress and weeklong junior camp at the Jamestown 4-H Center
- Planned and held workshops for 4-H youth including cloverbud programs, livestock show etiquette, dairy cattle fitting, and clothing and textiles.

Animal Caretaker, UNH Dairy Teaching and Research Center, Durham, NH

2000 - 2007

- Worked part-time with 100 cow Holstein herd
- Fed calves and cows, including mixed rations

Summer Intern, Granite State Dairy Promotion, Concord, NH

June 2004 - August 2005

- Organized and conducted NH Open Barn events
- Wrote press releases, letters and radio spots to promote the NH Dairy Industry
- Visited schools and senior centers to teach public about the NH Dairy Industry

Other Experience:

Virginia Tech Literacy Corps, Blacksburg, VA

January 2005 - May 2005

- Taught Korean-American student English in an after-school tutoring program
- Tutored elementary and middle school students in inner city Roanoke, VA

Presentations in Scientific Meetings:

H. A. Weeks, A. G. Rius, K. M. Daniels, R. M. Akers, C. Umberger, and M. D. Hanigan. 2008. Plasma and Tissue Concentrations of Glucose, Acetate, Propionate, Lactate, and Hydroxybutyrate in Calves Subjected to Conventional and Accelerated Milk Replacer Programs. American Dairy Science Association Annual Meeting, Indianapolis, IN. *J. Dairy Sci.* Vol. 91 (suppl. 1).

H. A. Weeks and J. Alwang. 2008. Dairy Market Structure in Indigenous Communities of the Chimbo River Watershed. ASABE 21st Century Watershed Conference, Concepción, Chile. <http://www.ext.vt.edu/cgi-bin/WebObjects/SANREM.woa/wa/viewMetadata?resourceID=3405>.

Foreign Language:

Spanish, Intermediate

Leadership Experience:

Graduate Student Assembly, January 2009 - Present

Agricultural and Applied Economics Delegate

4-H Leader, Rockingham County, NH, 2005 - Present

Marching Virginians, Virginia Tech Marching Band, 2004 - 2008

Rank Captain 2007 - 2008

Dairy Club at Virginia Tech, 2004 - 2008

Little All-American Show Grand Champion 2008, Senior Service Award 2008

Reporter 2007 – 2008, Showcase Sale of Virginia Tech Clerking Chair 2008

Spring Pledging Chair 2008, Spring Trip Chair 2006

Alpha Zeta, Agricultural Honors Fraternity, 2005 - 2008

Scribe 2007 – 2008, Faculty Breakfast Chair 2007