

# Gabriela A. Szteinberg

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Curriculum Vitae

September, 2012

## **Education**

- Doctor of Philosophy, Chemical Education  
Purdue University, West Lafayette, IN, December 2012 (anticipated)  
Dissertation: “Long-term Effects of Course-embedded Undergraduate Research:  
The CASPiE Longitudinal Study”  
Advisor: Gabriela C. Weaver
- Bachelor of Arts, Major: Chemistry, Minor: Linguistics  
Lawrence University, Appleton, WI, June 2007

## **Professional Experience**

- University of Massachusetts – Boston, MA.  
Postdoctoral Researcher, Advisor: Hannah Sevian 2012-Present
- Purdue University, West Lafayette, IN  
Discovery Learning Research Center Research Assistant 2011-2012  
General Chemistry Teaching Assistant 2007-2011  
General Chemistry Assistant Course Supervisor Fall 2008  
Research Assistant, CASPiE 2007-2010
- Lawrence University, Appleton, WI  
Spanish Teacher Assistant 2004-2007
- Tecnopor Ltda., Santa Cruz de la Sierra, Bolivia  
Industry Intern Summer 2005
- Santa Cruz International School, Santa Cruz de la Sierra, Bolivia  
Second Grade Teacher Assistant Summer 2004

## **Honors and Awards**

- Phi Lambda Upsilon travel grant (Spring 2012)
- Women in Science Programs travel grant, Purdue University (Spring 2010)
- Travel scholarship for Chemistry Education Research graduate student  
conference, Miami University (Summer 2009)
- Charles F. Lauter International Student Prize, Lawrence University (Spring 2007)
- Named to Dean’s List, Lawrence University (2005-2006, 2006-2007)

## Publications

- Szteinberg, G. & Weaver, G. (2012). *Long-term effects of a course-embedded, research-based undergraduate chemistry laboratory experience*. Manuscript submitted for publication.
- Szteinberg, G. & Weaver, G. (2012). Participants' Reflections Two and Three Years After an Introductory Chemistry Course-Embedded Research Experience. Manuscript submitted for publication.
- Szteinberg, G., Green, K., & Weaver, G. (2009). Establecimiento de laboratorios de investigación para cursos de introducción a la química: El programa CASPiE. *Anuario Latinoamericano de Educación Química*, 24.

## Conference Presentations

- Gabriela Szteinberg & Gabriela Weaver. (2012, March). *Prediction of student retention in STEM by participation in chemistry course-embedded research experiences*, ACS National Meeting and Exposition, San Diego, CA, USA. (Oral presentation).
- Gabriela Szteinberg, Kathy Quardokus & Gabriela Weaver. (2010, August). *Tracking student retention in science: Effects of the CASPiE curriculum at Purdue University*. The 21<sup>st</sup> Biennial Conference on Chemical Education, Denton, TX, USA. (Oral presentation).
- Gabriela A. Szteinberg, Kim S. Kingery, Nicole D. Cook, and Gabriela C. Weaver. (2010, August). *Looking back: Interviews on long-past events*. The 21<sup>st</sup> Biennial Conference on Chemical Education, Denton, TX, USA. (Oral presentation).
- Gabriela Szteinberg & Gabriela Weaver. (2009, October). *Long-term impact of an authentic research-based laboratory on students' retention and performance in the sciences*, The Society for Advancement of Chicanos and Native Americans in Science National Conference, Dallas, TX, USA. (Oral presentation).
- Gabriela Szteinberg & Gabriela Weaver. (2009, August). *Long-term impact of an authentic research-based laboratory on students' retention and performance in the sciences*, ACS National Meeting, Washington, D.C. (Oral presentation).
- Gabriela Szteinberg, Kellie Green & Gabriela Weaver. (2008, October). *Evidence for students developing autonomy in research based laboratories*. The Society for Advancement of Chicanos and Native Americans in Science National Conference, International Polar Year: Global Changes in Our Communities, Salt Lake City, UT, USA. (Poster).
- Gabriela Szteinberg, Kellie Green & Gabriela Weaver. (2008, July). *Evidence for students developing autonomy in research based laboratories*. The 20<sup>th</sup> Biennial Conference on Chemical Education, Bloomington, IN, USA. (Poster).

## Teaching Experience

- Teaching Assistant  
Purdue University, West Lafayette, IN  
CHM 126: Introduction to Chemistry II for majors Spring 2011  
CHM 116: General Chemistry, CASPiE Spring 2009  
CHM 111: General Chemistry Fall 2008  
CHM 115: General Chemistry Spring 2008  
CHM 115: General Chemistry Fall 2007
- Science Scholar  
Sharing the Land/Young Native Scholars Summer 2011, 2008
- Assistant Course Supervisor  
Purdue University, West Lafayette, IN  
CHM 111: General Chemistry Fall 2008
- Spanish Teaching Assistant  
Lawrence University, Appleton, WI  
Tutor and assistant to professors Fall 2004- Spring 2007

## Professional Affiliations

- American Chemical Society
- Iota Sigma Pi – Plutonium Chapter
- Phi Lambda Upsilon – Nu Chapter
- Society for Advancement of Chicanos and Native Americans in Science (SACNAS)

## Professional Development

- Chemical Education Research conference, Miami University, OH (Summer, 2009)
- Center for Instructional Excellence, Purdue University
  - Grant proposals (November, 2009)
  - Center for Instructional Excellence, Teaching Portfolios (March, 2009)
- NVivo 8 Seminar (November, 2008)

## Service and Extracurricular Activities

- Iota Sigma Pi
  - President (Fall 2011-Spring 2012)
  - Outreach Coordinator (Fall 2010-Spring 2011)
  - Social Chair (Fall 2009-Spring 2010)
- Chemistry Graduate Student mentor (Fall 2009-Spring 2012)
- Next Generations Scholar poster presenter, Purdue University (2011)
- Science fair judge at Central Catholic Jr/Sr High School, Lafayette, IN (2010, 2011)

**Service and Extracurricular Activities continued**

- Graduate Student Advisory Board (Chemistry)/Purdue Graduate Student Government, Purdue University
  - Senator (Fall 2009-Spring 2010)
  - Student Affairs Senate Committee (Fall 2009-Spring 2010)
  - Educational Policy University Committee (Spring 2010)
- Hillel Graduate and Professionals at Purdue, Purdue University
  - Treasurer (Fall 2010-Spring 2011)
  - Director of events (Fall 2009-Spring 2010)
- SACNAS Chapter Latino Cultural Center Liaison, Purdue University (2010)