

talk **science** to me

We know science is beautiful. Exciting. And we know you have a story to tell. We're here to help you tell it.



Alyssa Gonzalez

Science Writer

alyssa@talksciencetome.com

Alyssa's experience as a laboratory researcher, technical writer, teacher, and animal caretaker give her the skills, enthusiasm and knowledge necessary to turn complex topics into engaging, accessible prose, no matter the project.

Work Experience

Science writer. Talk Science to Me Inc., Vancouver, B.C. February 2018–present.

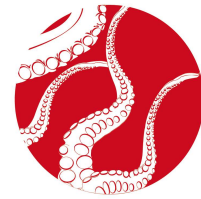
- Writes science-related material, including blog posts, white papers, scientific literature reviews and associated research.
- Monitors science-related news.
- Supports company and client social media platforms.
- Contributes articles to company blog.

Industrial production manager and technical writer. JWalker Dog Products, Ottawa, ON. May 2017–June 2018.

- Prepared instruction manuals on product assembly and best practices for JWalker Dog Products, with illustrations and advice, in order to help standardize product manufacture, prevent errors, and train new personnel.
- Devised a new warehouse organization scheme and inventory tracking process for JWalker Dog Products to better track when products are leaving or entering the shop and what happens to them during trade shows.
- Worked with industrial sewing machines to manufacture dog harnesses and related products.

Article writer and public speaker. Self-employed. January 2011–Present.

- Writes articles for websites such as *The Humanist*, *Femme Feminism*, *Greatist*, *Expat Focus* and *Playboy* about topics in science, feminism, humanism, immigration, current events and history.
- Writes paid essays for Patreon subscribers on various topics including transgender issues, nature, social justice, feminism, atheism, history, cooking and the Hispanic experience.



- Serves as keynote speaker, panelist, and otherwise speaking at public events on transgender, race, and feminist issues including subsequent question-and-answer sessions.
- Interviewed for documentary on transgender experiences.

Laboratory demonstrator and assistant. University of Ottawa
Department of Biology, Ottawa, ON. August 2009–May 2016.

- Replaced my doctoral lab’s protocols with instruction manuals that lay out needed materials, reagents, and steps in an easily navigable order. Added information on why steps look the way they do to facilitate the documents’ use in training new students.
- Prepared manuals for my own methods and administrative procedures to make sure that expertise remained with the lab.
- Prepared instructional materials for use with the University of Ottawa courses “Animal Form and Function” and “Introduction to Organismal Biology,” still highly regarded years after my departure from the school.
- Built, stocked and maintained multiple aquaria with fish, turtles, crustaceans, mollusks and live plants totalling 250 gallons as well as terraria containing lizards and frogs.

Laboratory researcher. University of Ottawa Department of Biology,
Ottawa, ON. August 2009–May 2016.

- Author of four research papers published in scientific journals, featuring advanced statistical techniques, and two additional research projects.
- Participated in two faculty-led and one independent project in tropical field biology as part of research trip organized by Duke University to Costa Rica.

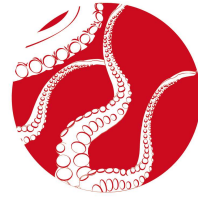
Tutor. University of Miami Academic Resource Center, Coral
Gables, FL. September 2010–May 2009.

- Worked with students to improve written assignments.
- Assisted students with learning math, English, Spanish, biology, geology, and physics at various levels.

Education and Professional Credentials

Doctor of Philosophy. University of Ottawa.

Level 1 Tutor Certification. College Reading and Language Association.



Community Involvement

Blogger and committee member. The Orbit, Minneapolis, MN. June 2016–Present.

Steering Council volunteer and harassment policy writer. Centre for Inquiry Ottawa, Ottawa, ON. January 2012–January 2014.

Conference volunteer. Eschaton 2012, Ottawa, ON. January 2012–December 2012.