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### Teaching and hands-on science experience

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- 2011 – present *Hands-on Science Education Consultant* in Vancouver, BC  
Develop and teach curriculum-linked hands-on science workshops in Vancouver Elementary schools. Worked in over 50 schools with over 400 teachers, bringing science to thousands of students a year. Lead Professional Development hands-on science and math workshops for Elementary teachers. Maintain ingridscience.ca, a free database of science activities linked to curriculum topics/competencies. Consult with schools for personalized services supporting hands-on science teaching in the classroom.
- 2009 – 2025 *Scientist with the Scientist in Residence Program*, Vancouver School Board, BC  
Partnered with Elementary teachers to develop and deliver hands-on science classes and fieldtrips.
- 2006 – 2018 *Volunteer Science Teacher* at General Gordon Elementary School, Vancouver, BC  
Collaborated with teachers to develop and teach curriculum-linked hands-on science in their classroom.
- 2010 – 2015 *Science Club Instructor and Programmer*, Community Schools Team, Vancouver School Board, BC  
Developed and taught after-school K-5 science classes. Oversaw other programs running on site.
- 2009 – 2010 Beaty Biodiversity Museum, University of British Columbia, Vancouver, BC – *Volunteer*  
Developed and tested K-3 hands-on science school programs.
- 2006 – 2008 Science World, Vancouver, BC – *Consultant and Volunteer*  
Researcher for the dinosaur skeleton and Developer for new discovery boxes in the Search Gallery.
- 2006 – 2008 VanDusen Botanical Garden, Vancouver, BC – *Volunteer*  
Developed and taught hands-on science weekend and school programs.
- 2005 The New York Botanical Gardens, Bronx, NY – *Gardening Program and School Program Instructor*  
Developed and lead weekend and K-4 school gardening programs in the Family Garden.
- 2005 Science Development Programs Inc, Manhattan, NY – *Science Teacher for After School Program*  
Developed and ran after school hands-on science classes for K-3 children.
- 2004 – 2005 The School at Columbia University, Manhattan, NY – *Science Teacher for After School Program*  
Developed and taught Discovery Room science classes for K-4 children.
- 2002 American Museum of Natural History, Manhattan, NY – *Workshop Leader/Consultant*  
Developed and lead adult and children's hands-on science workshops.
- 1998 – 2002 The New York Hall of Science, Queens, NY – *Exhibit Developer and Discovery Lab Coordinator*  
Exhibit developer for the Biochemistry Discovery Lab and the Marvelous Molecules exhibition.
- 1994 – 1997 The Exploratorium, San Francisco, CA – *Life Sciences Intern and Exhibit Consultant*  
Maintained biology exhibits. Science consultant for the Diving into the Gene Pool exhibit.

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### Education

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- 1990 – 1996 University of California at Berkeley, CA. *PhD*, Department of Molecular and Cell Biology, 1996
- 1986 – 1989 University of Leeds, England. *Bachelor of Science*, Biochemistry, 1989