

TEACHERS' IN-SERVICES – TRADITIONAL KNOWLEDGE IN SCIENCE CURRICULA Institute for Integrative Science & Health: www.integrativescience.ca

- numerous years
- educational and professional outreach



CRC in Integrative Science Dr. Cheryl Bartlett as well as Dr. Annamarie Hatcher and Mr. Rod Beresford – all of whom have taught MSIT courses within the Integrative Science academic program at Cape Breton University – have done several teacher in-services over the years. They have been invited speakers in both Aboriginal and non-aboriginal educational settings. And, their efforts have always been in the spirit of sharing insights and understandings developed as part of their experiences and professional work within the co-learning journey of Integrative Science with its vision to “bring together knowledges from Indigenous and western scientific knowledges and world views” as guided by the principle of Two-Eyed Seeing.

Many of the presentations that Cheryl and Annamarie have given at various in-services and similar events for teachers and other educators are included in the “articles and presentations” (<http://www.integrativescience.ca/Articles/>) section of the website for the Institute for Integrative Science & Health. Those by Cheryl have downloadable files of the powerpoint presentations used. For ease of access, they are listed below.

Bartlett, C. 2010, Integrative Science – Dancing to Learn and Learning to Dance. STAO2010 Conference “Inclusive Science: Difference, Diversity and Equity” organized by the Science Teachers’ Association of Ontario. Toronto, ON, 11-13 November 2010.

<http://www.integrativescience.ca/uploads/articles/2010November-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-Indigenous-education-teachers.pdf>

Bartlett, C., and Marshall, A. 2010, Two-Eyed Seeing Science Curricula. Community Education Strategic / Operational Planning Symposium for "Language and Culture" of Mi'kmaw Kina'matnewey. Dartmouth, NS, 11 March 2010.

<http://www.integrativescience.ca/uploads/articles/2010March-Bartlett-Marshall-Integrative-Science-Two-Eyed-Seeing-science-curricula-culture.pdf>

Bartlett, C. 2009, Introduction to Integrative Science and Two-Eyed Seeing. Pedagogical Practices: re-thinking the worlds of teaching - a conference on teacher education. Simon Fraser University, Surrey, BC, 11-12 February 2009.
<http://www.integrativescience.ca/uploads/articles/2009February-Bartlett-Integrative-Science-Two-Eyed-Seeing-teacher-education-pattern-recognition.pdf>

Bartlett, C. 2009, Growing Together: Knowledge Gardening for Integrative Science. Pedagogical Practices: Re-thinking the worlds of teaching - a conference on teacher education. Simon Fraser University, Surrey, BC, 11-12 February 2009.
<http://www.integrativescience.ca/uploads/articles/2009February-Bartlett-Integrative-Science-Two-Eyed-Seeing-teacher-education-knowledge-gardening-Aboriginal.pdf>

Bartlett, C. 2009, We can have a "Two-Eyed Seeing" conversation, yes? Simon Fraser University, Surrey, BC, 10 February 2009.
<http://www.integrativescience.ca/uploads/articles/2009February-Bartlett-Integrative-Science-Two-Eyed-Seeing-conversation-Aboriginal-western.pdf>

Bartlett, C., and Marshall, A. 2009, Integrative Science and Two-Eyed Seeing. Life Long Learning - from Youth to Elder; conference on Aboriginal Education, organized by the Atlantic Aboriginal Economic Development Integrated Research Program (AAEDIRP) of the Atlantic Policy Congress of First Nation Chiefs Secretariat. Fredericton, NB, 23-25 March 2009.
<http://www.integrativescience.ca/uploads/articles/2009March-Bartlett-Marshall-Integrative-Science-Two-Eyed-Seeing-education-Aboriginal-lifelong-learning.pdf>

Marshall, A., Hatcher, A., and Bartlett, C. 2009, Integrative Science and Two-Eyed Seeing. Teachers' Workshop of the Cape Breton-Victoria Regional School Board. Sydney, NS, 30 November 2009.
<http://www.integrativescience.ca/uploads/articles/2009November-Marshall-Hatcher-Bartlett-Integrative-Science-Two-Eyed-Seeing-education-Aboriginal.pdf>

Bartlett, C.M. 2008, Developing Traditional Curricula. First Nations - Social Studies Teachers In-service. Eskasoni First Nation, NS, 24 October 2008.
<http://www.integrativescience.ca/uploads/articles/2008October-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-education-curricula.pdf>

Bartlett, C.M. 2008, Science as "dynamic pattern-based knowledge": including diverse cultures, engaging diverse learners. ACTUA National Planning Conference. Ottawa, ON, 4-6 June 2008.
<http://www.integrativescience.ca/uploads/articles/2008June-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-education-camps-ACTUA.pdf>

Bartlett, C.M. 2008, "Community as Educators" wherein community includes the natural world. Atlantic Native Teachers Education Conference (ANTEC). Membertou First Nation, NS; 14-16 May 2008.
<http://www.integrativescience.ca/uploads/articles/2008May-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-ANTEC-community-educators.pdf>

Bartlett, C.M. 2008, Welcoming Indigenous Knowledge into science. "Science Makes Sense" ... Integration Across the Curriculum; First Nations' Science Teachers In-service. Eskasoni First Nation, NS, 18 April 2008.
<http://www.integrativescience.ca/uploads/articles/2008April-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-Indigenous-knowledge-education-curriculum.pdf>

Bartlett, C.M. 2007, Integrative Science: bringing together Indigenous and Western scientific knowledges and ways of knowing (8 November, afternoon); Audience: U of Toronto Mississauga (UTM), undergraduates in Early Teacher Program (joint UTM-OISE initiative) plus open invitation; professor: John Percy, Professor of Astronomy and Astrophysics, Dept of Chemical and Physical Sciences, UTM. Distinguished Lecturer, University of Toronto, Toronto, ON, 5-9 November 2007.

<http://www.integrativescience.ca/uploads/articles/2007November-Bartlett-Integrative-Science-Two-Eyed-Seeing-Aboriginal-Indigenous-western-ways-of-knowing.pdf>

Bartlett, C.M. 2007, "Two-Eyed Seeing" science education for children and youth. NSERC-funded Science Stakeholders "Two-Eyed Seeing" Workshop. Cape Breton University, Sydney, NS, 24 May 2007.

<http://www.integrativescience.ca/uploads/articles/2007May-Bartlett-Integrative-Science-Two-Eyed-Seeing-children-education-promotion-NSERC.pdf>

Bartlett, C.M. 2004, Aboriginal and Western sciences: pattern consciousness. Association of Science Teachers [Nova Scotia] Conference 2004 "SLIDE into Science, Literacy, Inquiry, Discovery, Educate". Halifax, NS, 22 October 2004.

<http://www.integrativescience.ca/uploads/articles/2004October-Bartlett-Integrative-Science-Indigenous-Knowledge-teachers-education.pdf>

