

Lee Beavington

Faculty of Science & Horticulture
Kwantlen Polytechnic University
12666 72 Avenue, Surrey, BC V3W 2M8
lee.beavington@kpu.ca | 604-599-2322
www.leebeavington.com

Faculty of Education
Simon Fraser University
8888 University Drive
Burnaby, BC V5A 1S6
lbeaving@sfu.ca

Academic Positions Biology Lab Instructor, Faculty of Science and Horticulture, KPU, Surrey, BC. 2002–present
Instructor, Interdisciplinary Amazon Field School, Faculty of Arts & Faculty of Design, KPU, Surrey, BC and Calanoa, Colombia. 2015–present

Refereed Publications Beavington, L. (2016). Softly fascinated: The involuntary power and pedagogy of nature, *Canadian Journal of Environmental Education*. Under review.
Beavington, L. (2016). Curriculum hidden: Contemplating more-than-human ethics, *SFU Educational Review*. Accepted.
Beavington, L. (2016). Romanticism and science education: Nature as a poem, *European Journal of Philosophy in Arts Education*. Under review.
Beavington, L. (2015). An interdisciplinary study in fluvial geomorphology, *Transformative Dialogues*, 8(2).
Beavington, L. (2015). All is water, and the world is full of gods, *SFU Educational Review*, 2015 Issue.
Beavington, L. (2015). Finding music in nature: Moving from sound sense to ecological sense, *Journal of Curriculum Theorizing*. Revisions requested.
Beavington, L. (2015). A narrative analysis of Maya Angelou concerning artist confidence and truth, *Narrative Inquiry*. Under review.

Books Beavington, L. (Author). *Common marine wildlife of greater Vancouver*, KPU Press. Required textbook for BIOL 4235 students. Scheduled to be published fall 2017.
Chambers, F. (Author), & Beavington, L. (Photographer). *Wild berries of Canada*. 256 pages. Edmonton, AB: Lone Pine Publishing. Scheduled to be published summer 2017.
Lloyd, T. A. (Author), Chambers, F. (Author), & Beavington, L. (Photographer). (2014). *Wild berries of Washington and Oregon*. 256 pages. Edmonton, AB: Lone Pine Publishing.
Beavington, L. (Author) (2013). *Common plants of greater Vancouver*, 5th ed. 90 pages. Surrey, BC: Kwantlen Polytechnic University (required textbook for BIOL 2322 and IDEA 2100 students).
Chambers, F. (Author), Harris, C. (Author), & Beavington, L. (Photographer). (2012). *Wild berries of Ontario*. 232 pages. Edmonton, AB: Lone Pine Publishing.
Chambers, F. (Author), Karst, A. (Author), & Beavington, L. (Photographer). (2012). *Wild berries of Alberta, Saskatchewan and Manitoba*. 184 pages. Edmonton, AB: Lone Pine Publishing.
Chambers, F. (Author), Karst, A. (Author), & Beavington, L. (Photographer). (2011). *Wild berries of British Columbia*. 192 pages. Edmonton, AB: Lone Pine Publishing.

- Refereed Book Chapters**
- Beavington, L., & Bai, H. (2016). Science education in the key of gentle empiricism. In *Thirteen questions in science education*. Accepted.
- Beavington, L., Bai, H., & Romanycia, S. (2016). Ethical-ecological holism in science pedagogy: In honor of sea urchins. In *Animals and science education*, Springer Publisher. Accepted.
- Beavington, L. (2016). Poetic pedagogy in science education. In *Poetic inquiry III: Enchantments of place*, Vernon Press. Accepted.
-

- Refereed Conference Proceedings**
- Beavington, L. (2016). A creative approach: Teaching biology labs through arts-based learning. Article 26 in *Tested Studies for Laboratory Teaching*, Volume 37 (K. McMahon, Editor). Proceedings of the 37th Conference of the Association for Biology Laboratory Education (ABLE). <http://www.ableweb.org/volumes/vol-37/v37reprint.php?ch=article#>
-

- Other Scholarly Contributions**
- Beavington, L. (2016). Letting the student lead: The courage to teach with uncertainty, *Teaching Matters @ KPU*, Issue 6, 7–8.
- Beavington, L. (2016). Pedagogy of the Amazon, *Environmental Education*, 111, 32.
- Beavington, L. (2016). The golden arbutus: A tree apart. *BCnature Magazine*, 54(1), 28.
- Beavington, L. (2016). A five hundred leg nest, *Discovery: the Journal of Nature Vancouver*, 44, 54–56.
- Beavington, L. (2016). The circle & Matamata (poems), *The Lamp*, Volume VI.
- Beavington, L. (2016). Freeway coyote, *Langscape*, 6(1), 40–41.
- Beavington, L. (2012). Re-evaluating my role as educator (cover story), *The Runner*, 4(12), 4–5.
-

- Refereed Presentations**
- Ho, J., Beavington, L., & Chang, D. (2016). The ‘unspeakables’ of environmental education: Overpopulation, scientific ethics, and the pursuit of happiness (panel), Canadian Society for the Study of Education, May 30, University of Calgary.
- Beavington, L., & Bai, H. (2016). Goethe’s ‘delicate empiricism’ in today’s science classrooms, Learning Together Conference: Multiculturalism Education in Canada, May 21, SFU.
- Armos, N. & Beavington, L. (2016). Arts in nature for personal, social, and scientific learning, Learning Together Conference: Multiculturalism Education in Canada, May 21, SFU.
- Chang, D., Beavington, L., & Ho, J. (2016). The ‘unspeakables’ of environmental education: Overpopulation, scientific ethics, and the pursuit of happiness, Learning Together Conference: Multiculturalism Education in Canada, May 21, SFU.
- Beavington, L. (2016). Reclaiming Romanticism in science education: Uniting pedagogy and wonder, 15th Annual Symposium on Teaching and Learning: Universal Design for All Learners, May 18, SFU.
- Beavington, L., Gagne, L., Green, C., Gress, E., King, L., & McMullen, C. M. (2015). The Amazon as interdisciplinary teacher, 5th Annual Sociology & Criminology Undergraduate Student Conference, November 6, KPU.
- Beavington, L. (2015). Creative approaches to teaching ecology and sustainability, International Association of Experiential Education Conference, October 23, Portland, OR.
- Beavington, L., & Chang, D. (2015). Science via the senses: Embodied cognition and inquiry in ecological education, Earth Matters Conference, Alberta Council for Environmental Education, October 16, Canmore, AB.

**Refereed
Presentations
(continued)**

- Beavington, L. (2015). Nature as a poem: Poetic inquiry in romantic science, 5th International Symposium on Poetic Inquiry, October 8, UBC.
- Beavington, L., Gagne, L., & Green, C. (2015). Transformative learning in the Amazon Field School, International Conference on Imagination and Education, July 3, SFU.
- Beavington, L. (2015). A creative approach: Teaching biology labs through arts-based learning, Association for Biology Laboratory Education (ABLE), June 26, Boston University.
- Bai, H., Beavington, L., Chang, D., Eppert, C., Rasmussen, D. Falkenberg, T., & Orr, D. (2015). Contemplating contemplative education (symposium), Canadian Philosophy of Education Society: Canadian Society for the Study of Education, June 2, University of Ottawa, Ottawa, ON.
- Chang, D., Beavington, L., & Jack La-Croix, M. (2015). Ecological education in a time of crisis, Learning Together Conference – Indigeneity: Ways of Knowing, May 23, SFU.
- Beavington, L., & Ling, M. (2015). Poetry and music in/as research and teaching, Learning Together Conference – Indigeneity: Ways of Knowing, May 23, SFU.
- Beavington, L. (2015). Creative teaching in science: Getting students to embody their learning, Northwest Biology Instructors Conference, May 3, UBC.
- Beavington, L. (2015). Creativity in ecological learning, Association of Experiential Education: Northwest Regional Conference, April 11, Stanwood, WA.

**Other
Presentations**

- Beavington, L. (2016). Curriculum hidden: Contemplating more-than-human ethics, City of Surrey PechaKucha Evening - sustainability theme, March 24, Surrey City Hall, Centre Stage.
- Beavington, L. (2016). Our brains on nature (guest lecture for Happy Hub Club), March 4, Earl Marriott Secondary.
- Beavington, L. (2016). Nature and mindfulness: Revitalizing through ecology, poetry and stillness (guest lecture for Humanities Co-op students), March 4, Earl Marriott Secondary.
- Beavington, L. (2016). The small and beautiful within the big and beautiful, Heart Earth presenter series, February 24, University of Victoria.
- Beavington, L. (2016). Scientific ethics and outdoor education, Three Minute Thesis Competition (Faculty of Education), February 17, SFU. Tied for 1st place and received People's Choice Award.
- Beavington, L. (2015). White Rock and Surrey Writers' Club Literary Contest Awards Night (prose and poetry reading). Semiahmoo Art and Recreation Centre, October 21, Surrey, BC.
- Beavington, L. (2015). Ecological inquiry into primary tropical rain forest, June 2, Calanoa Reserve, Colombia.
- Beavington, L. (2015). The ecology and creativity of the rain forest, Active Pass Nature and Arts Festival, April 18, Mayne Island, BC.
- Beavington, L. (2015). Poetic inquiry into nature's wisdom, Active Pass Nature and Arts Festival, April 19, Mayne Island, BC.
- Beavington, L., Elza, D., James, C., James, K., Kramer, C., Leggo, C., Mamchur, C., Norman, R., Rajabali, A., & Snowber, C. (2014). Poetry in the Garden (Poetry Reading at UBC Botanical Garden), September 14, Vancouver, BC.
- Beavington, L. (2014). Ecology and mindfulness: Engaging the senses in the Amazon rain forest, May 19, Calanoa, Colombia.
- Beavington, L. (2014). The Amazon River as a living system, May 22, Calanoa, Colombia.

Literary and Artistic Publications	1 st & 2 nd place (poetry), Literary Contest of the White Rock and Surrey Writers' Club.	poetry	2016
	Winning photo for Mayne Island Conservancy 2016 Calendar contest.	photography	2015
	"Secrets That Meander" & "Flotsam," White Rock and Surrey Writers' Club 2015 anthology (anthology of winning entries).	poetry/fiction	2015
	Director, Ordinary Beauty (short film on aesthetic experience and mindfulness, premiered at Active Pass Nature and Arts Festival, April 2015). Available at http://leebeavington.com/video/ordinary-beauty	film	2015
	Two winning photographs for Mayne Island Conservancy 2015 Calendar contest.	photography	2014
	"Before the Gloaming," NewMyths.com.	poetry	2014
	"Druids Reconstructed," Clarkesworld Magazine, Issue 87.	nonfiction	2013
	"Ocean (On the Ferry)," Spotlight on the Arts, October Issue.	poetry	2012
	"Forgotten Forest," Pulp Mag, Issue 3.	poetry	2012
	"The Cave of the Crystal Maiden," Travel Thru History, October Issue.	nonfiction	2012
	"Amoeba" & "Hraunfossar," Pulp Mag, Issue 1.	poetry	2012
	"Broken" & "Gravitational Waltz," Eclectica Magazine, Issue 8.	fiction	2010
	"Fading Firs," Earth Matters Exhibit, Surrey Art Gallery.	photography	2009
	"Writers of the Future: Creativity, Compromise & Naked Hobbit Feet," The Internet Review of Science Fiction, Vol. VI:12.	nonfiction	2009
	"Keeper of the Swords," "Soulseeker," & "Family Tree," Kwantlen Writers' Guild Journal, Issue 2.	nonfiction/ fiction/poem	2009
	"Communications Delay," Dark Worlds, Issue 3.	fiction	2009
	"Venus," "Penticton," & "Softshell," Every Day Poets, March/April Issue.	poetry	2009
	"Water," "Bartleby's Return" & "Meeting in the Aisle," Eclectica Magazine, Issue 7.	fiction	2009
	"A Fungal Friend," <i>The Best of Every Day Fiction 2008</i> anthology, Every Day Publishing.	fiction	2008
	"Karma Score," AlienSkin Magazine, August/September Issue.	fiction	2008
	"Genocide and Graffiti: Remembering Cambodia's War Torn Past," Travel Thru History, November Issue.	nonfiction	2008
	"The Astounding Temples and Trees of Angkor," Travel Thru History, May Issue.	nonfiction	2008
	"City Complaints," "Animal for a Day" & "Planetary Survey," Flashshot August/September Issue.	fiction	2008
	"Karma Score," AlienSkin Magazine, August/September Issue.	fiction	2008
	"Hiking Hallasan in the Snow," Travel Thru History, March Issue.	nonfiction	2008
	"Second Opinion," Every Day Fiction, June Issue.	fiction	2008
	"Thirst," Spotlight on the Arts, November Issue.	poetry	2008
	"Field Trip," "Gaia Stirs" & "Planetary Disturbance," Flashshot February Issue.	fiction	2008
	"Tricky Taxonomy," AlienSkin Magazine, Vol. 5, No. 3.	fiction	2007
	"Verdana," AlienSkin Magazine, Vol. 4, No. 5.	fiction	2006
	"Gods at Play," Gryphonwood, Vol. 2, Issue 2.	fiction	2006
"Nucleus" & "The Silence Booth," <i>Flashshot: Year Four</i> .	fiction	2006	
"Evolution's End," <i>Writers of the Future</i> book, \$1500 prize.	novella	2006	

Education	<p>PhD, Curriculum Theory & Implementation: Philosophy of Education, SFU. <i>2014–present</i> (Currently a doctoral candidate, or ABD). Concentration: Educational philosophy, environmental education, poetic inquiry. Senior supervisor: Dr. Heesoon Bai</p> <p>Notable Courses: EDUC 901, Seminar in the History of Educational Theory EDUC 902, Interdisciplinary Seminar in Contemporary Educational Theory EDUC 921, Seminar in Philosophy and Educational Theory EDUC 922, Advanced Seminar in Epistemology and Education</p> <p>Master of Education, Arts Education, Faculty of Education, SFU. <i>2012–2014</i> (Transferred to PhD: 2014) Concentration: Ecology, creative process, mentorship and personal transformation.</p> <p>Notable Courses: EDUC 832, The Art and Discipline of Writing and Teaching Writing EDUC 843, Embodiment and Curriculum Inquiry EDUC 848, Ideas and Issues in Aesthetic Education EDUC 852, Inquiry, Creativity and Community: Drama in Education EDUC 868, Curriculum Theory and Art Education EDUC 869, Music Education as Thinking in Sound</p> <p>Bachelor of Science, Animal Biology, Faculty of Science, UBC. <i>1998–2000</i> Concentration: Animal behaviour, conservation, environmental ethics.</p> <p>Completed two major research projects, “Iguana headbobbing as an indicator of activity level, aggression and dominance” and “The conservation implications of population-dynamics of cheetah <i>Acinonyx jubatus</i> on the Serengeti Plains, Tanzania.”</p>
<hr/>	
Research Interests	<p>Arts-based learning across curriculum Ecopsychology, biophilia, and environmental ethics Aboriginal modes of inquiry Engaged and embodied learning Poetic inquiry Creative writing and personal transformation</p>
<hr/>	
Teaching Experience	<p>Teach ecology, cell biology, genetics and advanced cell and molecular biology in the scheduled lab system at KPU. <i>2012–present</i></p> <p>Frequent collaborations with other faculties and departments at KPU, including Geography (GPS Eco-cache), Fine Arts (mural in the biology lab), Recreation (running leader), IET (new media), as well as IDEA (steering committee). <i>2010–present</i></p> <p>Designing new field trips and lab activities, writing lab manuals, creating a video catalogue of cellular life, weekly tutoring sessions, sharing teaching practices. <i>2006–present</i></p> <p>Instructor for the Interdisciplinary Amazon Field School, a collaboration among Faculty of Arts, Faculty of Design (KPU) and the Calanoa Project (Colombia). <i>2014–2015</i></p> <p>Co-developed IDEA 2100, Creativity, Ecology and Nature Experience, a collaboration between the Arts and Sciences at KPU. <i>2013</i></p> <p>Qualified faculty for IDEA 1110 (Interdisciplinary Foundations) and IDEA 2100. <i>2015–present</i></p> <p>Taught five first- and second-year courses in the open lab system at KPU. <i>2002–2012</i></p>

Service and Professional Experience	Green Science Labs Initiative, Science Green Team Committee, KPU.	2015–present
	Peer reviewer for multiple academic journals.	2014–present
	Website Committee, Faculty of Science and Horticulture, KPU.	2013–present
	Chair, Welcoming Committee, Common Ground Co-op, Surrey, BC.	2012–present
	Extensive volunteer experience with KPU Open House, Young Naturalists' Club of BC, Aboriginal groups, KPU Biology Club and others.	2006–present
	Revisions Committee for four lab courses, KPU.	2005–present
	Interdisciplinary Master of Arts degree, planning committee, KPU.	2014
	Institute for Wetland Studies Committee, KPU.	2014
	IDEA Steering Committee, KPU.	2013–2014
	<i>Ferns of Finca Dos Ladros: A Survey of Cloud Forest Pteridophytes</i> (research report), Costa Rica.	2011
	Volunteer, Rancho Mastatal Environmental Learning Center, Costa Rica.	2011
	Judge, Kwantlen Writers' Guild writing contest.	2006
	Vice-President, Rainforest Reptile Refuge Society, led educational tours, fostered community links, volunteer coordinator, newsletter editor.	1999–2005
	Received a VanCity Community Partnership grant to research and design three extensive educational resources for elementary school teachers.	2003
	Manager, Turtle Invasion! program through Surrey Parks and Recreation, giving on-site lectures in Crescent Park and facilitating data collection on red-eared sliders.	2000–2003
	<hr/>	
Personal and Professional Development	PeerSpirit Wilderness Quest, Skalityte Retreat Center, WA.	2016
	Member & volunteer, Mayne Island Conservancy Society.	2013–present
	Member, Nature Vancouver.	2015–present
	Member, Canadian Society for the Study of Education.	2015–present
	Member, Canadian Network for Environmental Education and Communication.	2015–present
	Member, Association for Biology Laboratory Education.	2015–present
	Member, Southern Gulf Islands Arts Council.	2015–present
	Engaging Imagination in Ecological Education: Practical Strategies for Teaching (workshop with Gillian Judson and Michael Derby), Surrey.	2015
	A Day with David Whyte: The Harvest of Winter.	2014
	Ecology, Meditation and Integrated Living retreat with Tarchin Hearn, Vancouver.	2014
	Ecology, Spirituality, and Contemplative Inquiry in Education colloquium, SFU.	2014
	BCBIO Conference, Douglas College.	2014
	Basketbeat workshop, combining sport, music and social change, Vancouver.	2014
	Author & volunteer, Surrey International Writers' Conference.	2006–2013
	1st Annual Research and Knowledge Mobilization Day, KPU.	2013
	David Abram workshop, "Between the Body and the Breathing Earth," Hollyhock, Cortez Island.	2013
	Interpretive ecopsychology hikes with Adrian Juric: "What Forests Teach About Living with Life Changes" and "The Clarity of Winter."	2013
	Peer-led meditation co-host, Simple Sits, Vancouver & Surrey.	2009–2013
	Association of Experiential Educators: Finding Your Edge, Squamish.	2012
	Feeling Our Way: New Pathways in Environmental Education, SFU.	2012
Learning Together: Collaboration As a Path to Transformation, SFU.	2012	
Peer Adjudication, SFU Faculty of Education Seminar Series.	2012	

<i>Awards and Grants</i>	Social Sciences and Humanities Research Council Doctoral Fellowship (\$20,000)	2016/2017
	William & Ada Isabelle Steel Memorial Scholarship (\$17,000)	2015/2016
	Graduate Fellowship, SFU (\$6500)	2016
	Nature Vancouver Scholarship (\$1000)	2016
	Minor Research and Travel Award, SFU (\$850)	2016
	3-Minute Thesis, SFU (Education) – 1 st place (tie) & People’s Choice Award (\$400)	2016
	Faculty of Education Graduate Scholarship, SFU (\$1000)	2016
	Rotary Club of Burnaby Scholarship (\$1000)	2016
	Staff Training and Development Fund, KPU (\$1500)	2016
	Professional Development for Specialized Positions, KPU (\$600)	2016
	White Rock and Surrey Writers’ Literary Contest - 1 st & 2 nd place (\$150)	2016
	Graduate Fellowship, SFU (\$6500)	2015
	Graduate Student Conference Travel Funds (\$800)	2015
	EGSA Professional Development Grant, SFU (\$400)	2015
	Staff Training and Development Fund, KPU (\$1500)	2015
	Professional Development for Specialized Positions, KPU (\$600)	2015
	GSS Professional Development Grant, SFU (\$500)	2014
	EGSA Professional Development Grant, SFU (\$400)	2014
	Staff Training and Development Fund, KPU (\$1500)	2014
	Professional Development for Specialized Positions, KPU (\$600)	2014
	Kwantlen Public Interest Research Group Grant (\$500)	2014
	EGSA Professional Development Grant, SFU (\$400)	2013
	Staff Training and Development Fund, KPU (\$1500)	2013
	Professional Development for Specialized Positions, KPU (\$600)	2013
	Second place, Earth Vision nature writing contest (\$100)	2009
	First place, poetry, Kwantlen Writers’ Guild creative writing contest (\$100)	2009
	First place, fiction, Kwantlen Writers’ Guild creative writing contest (\$100)	2009
	Second place, nonfiction, Kwantlen Writers’ Guild creative writing contest (\$75)	2009
	Second place, Writers of the Future (\$1500)	2006