

G.A. Bradshaw

Biosketch and CV

Gay is the founder and director of The Kerulos Center (www.kerulos.org), a non-profit 501c (3) established in 2008. She holds doctorate degrees in ecology and psychology, and a master's in geophysics and has published, taught, and lectured widely in these fields both in the U.S. and internationally. She is the leading scientist on wildlife psychological trauma. Her discovery of Post-Traumatic Stress Disorder (PTSD) in free-living elephants documented in her second doctoral dissertation and featured in *Nature* as a cover article in the New York Times Magazine, launched the new field of trans-species psychology. Dr. Bradshaw's work focuses on animal psychological wellbeing and multi-species cultures. This research and publication has now been extended to great apes, parrots, orcas, and grizzly bears. She also established the field of avian psychiatry in her work on parrots in captivity. In addition to *How Landscapes Change* (Springer-Verlag), *Minding the Animal Psyche* (Spring 2010), the first collected volume on trans-species psychology, and *The Elephant Letters: The Story of Billy and Kani* (2014) she is the author of the book *Elephants on the Edge: What Animals Teach Us About Humanity* (Yale University Press, 2009), the recipient of numerous awards including nomination for the Pulitzer Prize, Scientific American Favorite Science Books of 2009, Book of the Year Award winner in Psychology, Honorable Mention in the 2010 Green Book Festival, Honorable Mention in Psychology Prose Award. She writes extensively and is published widely in diverse academic and popular media including *Nature*, *American Scientist*, *Developmental Psychology*, *Journal of Trauma and Dissociation*, *Ethology*, *Spring*, and *Psychology Today*. Her research is regularly featured in diverse media including the New York Times, Time Magazine, Forbes, NPR, National Geographic, Smithsonian, Stern, Scandinavian television, The Atlantic, Telegraph, The London Times, ABC's 20/20, several documentary films, and regularly in animal protection media such as AAVS, HSUS, and NEAVS, Best Friends Magazine. She is the recipient of competitive grants including NASA, NSF, and EPA and has organized seven international conferences. From 1992-2002, Dr. Bradshaw was a research mathematician with the USDA Forest Service, holding faculty positions at Oregon State University (Departments of Computer and Electrical Engineering; Environmental Sciences Graduate Program) and at Pacifica Graduate Institute. In 2000, she was a Fellow at the National Science Foundation National Center for Ecological Analysis and Synthesis (NCEAS), Santa Barbara, California, USA. Gay has extensive experience in the care of cats, dogs, rabbits, Tortoises, and parrots and provides veterinary-informed medical procedures including administration of sub-cutaneous fluids, medications, specialized care and therapies. Her new book on the psychology of white sharks, pumas, rattlesnakes, orcas, and other carnivores is in press with Yale University Press and will be out in 2016. With co-author Charlie Russell, she is completing another book on grizzly bear psychology.

Curriculum Vitae
G.A. Bradshaw, PhD, PhD

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PERSONAL

Married: O. Mein Gans

ACADEMIC POSITIONS

| | |
|---------------|---|
| 2016- present | Adjunct Faculty, Lesley College |
| 2006—present | Executive Director and founder, The Kerulos Center (www.kerulos.org) |
| 2008—present | Adjunct Faculty, Psychology, Southern Oregon University |
| 2006—present | Adjunct Faculty, Psychology, Pacifica Graduate Institute, CA |
| 1991—present | Adjunct Faculty, Environmental Sciences Graduate Program |
| 1991—2005 | Adjunct Faculty, Forest Sciences, Oregon State University |
| 1991—2005 | Adjunct Faculty, Electrical Engineering, Oregon State University |
| 2001—2002 | Research and Monitoring Coordinator, Rogue River National Forest, OR |
| 2000—2002 | Community-Science Liaison, Applegate AMA, OR |
| 1991—2001 | Research Mathematician, PNW Research Station, USDA |
| 1999—2000 | Fellow, National Science Foundation Fellow (NCEAS) |
| 2002—present | Tournière de Plat Scholar |

EDUCATION

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|-------------|---|
| 1972-1980 | University coursework in language studies: University of Copenhagen, Monterey Institute of Foreign Studies, Taiwan Normal University |
| B.A., 1978 | Linguistics (Chinese), University of California, Santa Barbara |
| M.Sc., 1988 | Geophysics, Stanford University |
| Ph.D., 1991 | Forest Ecology, Oregon State University (dissertation: <i>Analysis of hierarchical pattern and process in Douglas-forests using the wavelet transform</i>) |
| Ph.D., 2005 | Depth Psychology, Pacifica Graduate Institute, Santa Barbara (dissertation: <i>Elephant trauma and recovery: from human violence to trans-species psychology</i>). |

WRITING AND TEACHING EXPERIENCE

For the past thirty years, in addition to formal undergraduate and graduate courses and professional presentations in environmental sciences, biology, and psychology and related fields. Dr. Bradshaw has published extensively in academic, scientific, popular and other venues. She has lectured, given seminars, participated in distance and onsite courses, and workshops at University of California, Stanford University, Oregon State University, and Pacifica Graduate Institute and given master's classes at veterinary and human mental health conferences. She serves as adviser to and committee member of master and doctoral students members at diverse campuses.

OTHER PROFESSIONAL EXPERIENCE

- Science advisor, 2007 Scientific Assessment of Elephant Management in South Africa
- Panel Review Team, Sierra Nevada Framework for Conservation and Collaboration, *Inter-agency Draft Environmental Impact Statement*. 1999.
- Steering Committee Member. *AMIGO (Americas Inter-Hemispheric Geo-biosphere Organization)*. Stanford, California.
- Consultant, Monitoring Design for the Federal Interior Columbia Basin Assessment, USDA/UDI Boise, ID. 1998.
- Member, *Inter-Agency Team of the Northwest Forest Plan Monitoring Plan for Biodiversity*.
- U.S. Lead, International Long Term Ecological Research (*ILTER: South Africa*). 1999.
- Steering Committee Member and Sub-Committee Chair, *Science Implementation, LAI (Inter Americas Institute for Global Change)*. Duke University, North Carolina. 1994.
- National Science Foundation Fellow (1999-2000)
- Associate, the New Zealand Centre for Human-Animal Studies, 2008.
- Advisory Board, Spring Journal 2010
- Board Member, Midwest Avian Adoption and Rescue Services, Inc 2009-2013
- Board Member, The Toby Fund, 2009-2013
- Board (Secretary), The Great Ape Trust and Bonobo Hope 2012
- Editorial Board, *Ecopsychology*
- Editorial Board, *Spring*
- Board, Eden Farm Sanctuary, Ireland
- Adviser, *When Giants Fall* (film)

AWARDS

- ♦ Nominated for Pulitzer Prize 2009
- ♦ 2009 Book of the Year (BOTYA) Gold Medal Award, Winner in Psychology.
- ♦ Favorite Science Books of 2009, *Scientific American*
- ♦ Honorable Mention Award 2009 PROSE, Psychology (Professional and Scholarly Publishing Division of the Association of American Publishers)
- ♦ Honorable Mention, 2010 Green Book Festival

SELECTED PUBLICATIONS

Books

- Bradshaw, G.A. in press. *Judgement by Tooth and Claw: Understanding the minds and experience of carnivores*. Yale University Press.
- Bradshaw, G.A. 2009. *Elephants on the edge: What animals teach us about humanity*. New Haven: Yale University Press. (Translated into Spanish and Korean)
- Bradshaw, G.A. 2010. *Minding the Animal Psyche* (Editor). *Spring*, 83
- Bradshaw, G.A. 2014. *The Elephant Letters: The Story of Billy and Kani*. Awakeling Press (translated into Swahili, Spanish, Korean, Chinese)
- Bradshaw, G.A., and P. Marquet. (eds). 2002. *How landscapes change: Human disturbance and ecosystem disruptions in the Americas*. New York: Springer-Verlag.

Peer-reviewed Journals

- Bell Rizzolo, Jessica and G.A. Bradshaw. submitted. Complex Post Traumatic Stress Disorder in Asian Elephants Subjected to Social Deprivation and Breaking (*Phajaan*). *Journal of Applied Animal Welfare Science*,
- Bell Rizzolo, Jessica and G.A. Bradshaw. In press. Elephant and Mahout Wellbeing in Asia's Tourism Trade: Insights from Traumatology and Trans-Species. In N. Carr and J. Young (Eds.), *Wild Animals and Leisure*. New York: Routledge
- Bradshaw, G.A. and Engebretson, M. 2013. Parrot Breeding and Keeping: Impacts of Capture and Captivity on Bird Wellbeing. *Animals & Society Institute Policy Series*. Also in Spanish.
- Capaldo, T. and G.A. Bradshaw. 2011. The bioethics of Great Apes: Psychiatric injury and duty of care. *Animals & Society Policy Series*.
- Capaldo, T. and G.A. Bradshaw. 2012. *Grandes Simios: Bioética y bienestar, daño psicológico y obligación de cuidado*.
- Bradshaw, G.A. 2012. Pas de Deux. *Antennae*. Issue (2). 59-71.
- Benessia, A. Funtowicz, S. Bradshaw, G.A., Ferri, F. & Ra'ez-Luna, E.F., Medina, C.P. 2011. Hybridizing sustainability: towards a new praxis for the present human predicament. *Sustainability Science*, Springer-Verlag.
<http://www.springer.com/alert/urltracking.do?id=Lb8ca40M99193eSafc2c04>
- Bradshaw, G.A. 2011. An ape among many: Animal co-authorship and trans-species epistemic authority. *Configurations*, 18 (1-2), 15-30.
- Yenkosky, J. G.A. Bradshaw, & E. McCarthy. 2010. Post-Traumatic Stress Disorder among parrots in captivity: Treatment considerations. *Proceedings of the Association of Avian Veterinarians. 29th Annual Conference, San Diego, CA*.
- Bradshaw, G.A., Capaldo, T, Lindner, L & G. Grow. 2009. Developmental context effects on bicultural post-trauma self repair in Chimpanzees. *Developmental Psychology*, 45, 1376-1388.
- Bradshaw, G.A., Capaldo, T, Lindner, L & G. Grow. 2008. Building an inner sanctuary: trauma-induced symptoms in non-human great apes. *Journal of Trauma and Dissociation*. 9(1); p. 9-34.
- Bradshaw, G.A. 2010. You see me, but do you hear me? The science and sensibility of trans-species dialogue. *Feminism and Psychology*, 20(3) 407-419.
- Bradshaw, G.A. 2010. We, Matata: Bicultural living amongst apes, *Spring Journal*, 83, 161-183.
- Muller-Paisner, V., & G. A. Bradshaw. 2010. Freud and the family horse: exploration into equine psychotherapy. *Spring Journal*, 83, 211-235.

- Buckley, C. and G. A. Bradshaw. 2010. The art of cultural brokerage: recreating the elephant-human relationship and community. *Spring Journal*, 83, 35-59.
- McCarthy, E. & G.A. Bradshaw. 2010. The role of patient consent in psychotherapy: A discussion on the ethics of flooding. *Proceedings of the Association of Avian Veterinarians. 29th Annual Conference, San Diego, CA.*
- Bradshaw, G.A., J. Yenkosky, & E. McCarthy. 2009. Avian affective dysregulation: Psychiatric models and treatment for parrots in captivity. *Proceedings of the Association of Avian Veterinarians. 28th Annual Conference, Minnesota.*
- Bradshaw, G.A. .2007. Elephants in captivity: analysis of practice, policy, and the future, *Society & Animals* 1-48.
- Borchers, J.G., & Bradshaw, G.A. 2008. How green is my valley—and mind. Ecotherapy and the greening of psychology. *Counseling Today*, pp. 38-41.
- Bradshaw, G.A. & A.N. Schore. 2007. How elephants are opening doors: developmental neuroethology, attachment, and social context. *Ethology*, 113: 426–436.
- Orosz, S. & G.A. Bradshaw. 2007. Avian neuroanatomy revisited: From clinical principles to avian cognition, In: *The veterinary clinics of North America: Exotic animal practice. Neuroanatomy and neurodiagnostics.* (eds. L. Tell and M. Knipe), 10(3), 775-802.
- Bradshaw, G.A , Schore, A.N., Brown, J Poole, J. & Moss, C.J. 2005. Elephant breakdown. *Nature*, 433, 807.
- Bradshaw, G.A., and R. M. Sapolsky. 2006. Mirror, mirror. *American Scientist*, 94(6), 487-489. <http://www.americanscientist.org/issues/pub/mirror-mirror-1>
- Bradshaw, G.A. and B. L. Finlay. 2005. Natural symmetry. *Nature*, 435, 149.
- Bradshaw, G.A. and M. Watkins. 2006. Trans-species psychology: Theory and praxis. *Spring Journal*, 75, 69-94.
- Bradshaw, G.A. 2004. Not by bread alone: Symbolic loss, trauma, and recovery in elephant communities. *Society & Animals*, 12(2), 143-158.
- Marquet, P.A. & G.A. Bradshaw. 2004. Ecosystem disruption in the Americas. *Revista Chilena de Historia Natural*, 77, 369-370.
- Brugnach, M., Bolte, J. & G. A. Bradshaw. 2003. Determining the significance of threshold uncertainty in rule-based classification models. *Ecological Modeling*, 160, 63-76.
- Bradshaw, G.A. & M. Bekoff. 2001. Ecology and social responsibility: the re-embodiment of science: *Trends in Ecology and Evolution*, 16 (8), 460-465.
- Bradshaw, G.A. & M. Bekoff. 2000. Integrating humans and nature: reconciling the boundaries of science and society. *Trends in Ecology and Evolution*, 15, 309-310.
- Bradshaw, G. A. & J. G. Borchers. 2000. Uncertainty as information: narrowing the science-policy gap. *Conservation Ecology*, 4(1), 7. <http://www.consecol.org/vol4/iss1/art7/>
- Bradshaw, G.A. & Fortin, M-J. 2000. Landscape heterogeneity effects on scaling and monitoring large areas using remote sensing data. *Geographic Information Sciences*. 6 (1), 61-68.
- Bradshaw, G.A., & McIntosh, B.A. 1993, Detecting climate-induced change using wavelet analysis. *Environmental Pollution*, 83 (1, 2), 135-142.
- Spies, T.A., W.J. Ripple, & G.A. Bradshaw. Dynamics and pattern of a managed coniferous forest landscape. *Ecological Applications*, 4(3), 555-568.
- Bradshaw, G.A., & T.A. Spies. 1992. Characterizing canopy gap structure in forests using the wavelet transform. *Journal of Ecology*. 80, 205-215.
- Bradshaw, G.A. 2000. Using scientific uncertainty to shape environmental policy. *United Nations. Occasional Paper*. No.13
- Marquet, P., F. Bozinovic, G.A. Bradshaw, C.Cornelius, H. Gonzalez, J. Gutierrez, E. Hajek, J. Lagos, F. Lopez-Cortes, L. Nunez, E. Rosello, C. Santoro, H. Samaniego, V. Standen, J.

- Torres-Mura, and F. Jaksic, 1998, *Las ecosistemas del Desierto de Atacama y area andina adyante en el norte de Chile* (Ecosystems of the Atacama Desert and adjacent Andean area in northern Chile). *Revista Chilena*. 71.
- Bradshaw, G.A. 1997. Defining ecologically relevant change in the process of scaling up: implications for monitoring at the landscape level, in *Theory and Applications on Ecological Scale*. D. Petersen and V. T. Parker (editors). Columbia University Press.
- Ripple, W.J., G.A. Bradshaw, and T.A. Spies. 1991a. Measuring Forest Landscape Patterns in the Cascade Range of Oregon, USA. *Biological Conservation*. 57:73-88.

Chapters in Edited Volumes

- Bradshaw, G.A. 2012. Can science progress to a revitalized past? In D. Narvaez, J. Panksepp, A. Schore, and T. Gleason (Eds.), *Human Nature, Early Experience and the Environment of Evolutionary Adaptedness*. New York: Oxford University Press.
- Bradshaw, G. 2014. Turkey like me. In Wulff, G. *Turning points in compassion*.
- Bradshaw, G.A. 2011. Animal Ways. in *Speaking Up for Animals*. L. Kemmerer (ed). Paradigm Publications.
- Bradshaw, G.A. 2012. Restoring our daemons. in *Vital Signs*. (ed) Mary-Jayne Rust & Nick Totton. Karnac Publications.
- Bradshaw, G.A. 2012. Living out of our minds. in P. Kahn and P. Hasbach (eds). *Rediscovery of the Wild*. MIT Press.
- Bradshaw, G.A. in press. The elephant letters. in *Speaking in Tongues*. (M. DeMello (ed). Routledge.
- Bradshaw, G.A. in review. The emergence of trans-species identity. *Arcus Foundation*.
- Bradshaw, G.A. 2010. Introduction. *Spring Journal*, 83.
- Bradshaw, G.A. 2010. The evolution of ethology: an interview with Marc Bekoff. *Spring Journal*, 83.
- Bradshaw, G.A. 2009. Inside looking out: neurobiological compromise effects in elephants in captivity. *An elephant in the room: the science and wellbeing of elephants in captivity*, D. L. Forthman, L. F. Kane, David Hancock, and P. F. Waldau. Tufts Center for Animals and Public Policy. pp. 55-68.
- Bradshaw, G.A. 2009. Transformation through service: trans-species psychology and its implications for ecotherapy. *Ecotherapy*. (eds.) L. Buzzell and C. Chalquist. *Sierra Club*, 157-165.
- Bradshaw, G.A. & E.L. Abe. 2006. Elephant and human relationships. In *Encyclopedia of animal-human relationships* (ed., M. Bekoff.) Greenwood.
- Bradshaw, G.A., B. Smuts, D. Durham, 2010. Open door policy: The necessary relinquishment of humanity's "right to sight", in R. Acampora (ed). *Metamorphoses of the Zoo: Animal Encounter After Noah*. Rowan and Littlefield Publishers
- Bradshaw, G.A., M. Fiorella, and F. Swanson. 1996. Hierarchical analysis of landscape processes in temperate forests of the Pacific Northwest. in Mooney, H.A. and Lawford, L. (eds.) *High latitude rainforests and associated ecosystems of the west coast of the Americas* New York: Springer-Verlag.
- Bradshaw, G.A. and S. Garman. 1994, Detecting fine-scale disturbance in forested ecosystem as measured by large-scale landscape patterns. *Environmental Information Management and Analysis: Ecosystem to Global Scales*. London: Taylor and Francis.

Other Academic & Professional Publications

- Bradshaw, G.A. Bear in Mind, *Psychology Today* blog <https://www.psychologytoday.com/blog/bear-in-mind>

- Lavigne, D., Alie, K., Bell, J, Bradshaw, G. & Njumbi, S. 2012. Elephants & Ivory. International Fund for Animal Welfare (IFAW).
http://issuu.com/ifaw/docs/elephants_and_ivory_issuu?mode=embed&layout=http%3A%2F%2Fskin.issuu.com%2Fv%2Fflight%2Flayout.xml&showFlipBtn=true
- Bradshaw, G.A and M. Engebretson, (2011) A scientific evaluation of captive breeding and possession of parrots (psittacines) in captivity referent to the Norwegian Animal Welfare Act (2010). A report prepared for the Norwegian Animal Protection Alliance.
- Bradshaw, G.A. & D. M. Lavigne. (2011). A Scientific Evaluation of the International Polar Bear Conservation Centre (IPBCC) as an Effective Measure for Polar Bear (*Ursus maritimus*) Conservation. A report prepared for Zoocheck.
- Deutschman, D.H., G.A. Bradshaw, W.M. Childress, K.L. Daly, D. Grünbaum, M. Pascual, N.H. Schumaker, & J. Wu. 1993. Mechanisms of patch formation. Pages 184-209 in S.A. Levin, T.M. Powell, and J.H. Steele, editors. *Patch Dynamics*. Lecture Notes in Biomathematics 96. Springer-Verlag. New York.
- Garcia-Moliner, G., D. M. Mason, C. H. Greene, A. Lobo, B. Li, J. Wu & G. A. Bradshaw. 1993. Description and analysis of spatial patterns. Pp. 70-89 In: S.A. Levin, T.M. Powell, J.H. Steele (eds.). *Patch Dynamics*. Springer-Verlag, Berlin.

General Publications

- Bradshaw, G.A. 2011. Elephant. *Death Journal*
- Bradshaw, G.A. & Jill Robinson. 2010. The Journey Home: Recovery and Renewal in Sanctuaries. *American Anti-vivisection Society Magazine*, Special Issue: Animal Sanctuaries - A Place to Call Home, Volumes 3 and 4, p. 18-20.
- Bradshaw, G.A. 2010. Great Minds Think Alike: The New Field of Trans-Species Psychology and the Role of Sanctuaries, *American Anti-vivisection Society Magazine*, Special Issue: Animal Sanctuaries—A Place to Call Home, Volumes 3 and 4, p. 30-31.
- Bradshaw, G.A. 2009. Bear in mind, *Psychology Today* blog. (Five new essays to date in 2011) (<http://www.psychologytoday.com/blog/bear-in-mind>)
- Bradshaw, G.A. 2009. Kin under skin *Forbes Magazine*. <http://www.forbes.com/2009/09/12/science-elephants-humans-opinions-contributors-neurobiology.html>
- The Kinship Times, The Kerulos Center Newsletter (http://www.kerulos.org/newsletter/kinship_times.html)
- Bradshaw, G.A. 2009. Elephants and the new animal protection conservation. In M. Bekoff, *Encyclopedia of animal rights and animal welfare*, ABC-CLIO. Santa Barbara, CA.
- Marino, L., Bradshaw, G.A., R. Malamud. 2009. The captive industry: The reality of zoos and aquaria. *Best Friends Magazine*.
- Bradshaw, G.A. 2007. Herd mentality: Of pachyderms, perils, and people. *Edutopia*, 3(7), 24-25.
- Bradshaw, G.A. & L. Marino. 2007. Kin under the skin. *Best Friends Magazine*. November 2007.
- Bradshaw, G.A. & D. Durham. 2007. Restoring natural balance: animal trauma and recovery. *Natural Horse*. April/May
- Bradshaw, G.A. & E. Tick. 2009. Of pachyderms and paratroopers. *Huffington Post*. November 6, 2009. http://www.huffingtonpost.com/ga-bradshaw/of-pachyderms-and-paratro_b_349107.html
- Bradshaw, G.A. 2009. The scientists' bark. *Huffington Post*. October 15, 2009. http://www.huffingtonpost.com/ga-bradshaw/the-scientists-bark_b_322558.html
- Bradshaw, G.A. 2006. No longer a mind of our own. *Seed*. June/July.

Bradshaw, G.A. 2008. What's love got to do with it? Everything. Interspecies love. *Best Friends Magazine*. November/December.

Media Coverage

Radio and Print

Siebert, C. (2011). Orphan elephants. *National Geographic Magazine*, September, 2011.

<http://ngm.nationalgeographic.com/2011/09/orphan-elephants/siebert-text/2>.

Bradshaw, G.A. 2012. Psychologist Says Elephants Suffer Post-Traumatic Stress. National Public Radio (NPR). March 27, 2012 <http://hereandnow.wbur.org/2012/03/27/elephants-post-traumatic> Release Magazine. 2012. May 2012, p.12-13. Interview with Gay Bradshaw. Animal Liberation NSW, Sydney, Australia.

Other Interviews (2006—present): New York Times, Irish Public Radio, USA Today, ABC 20/20, NPR, National Geographic Explorer, BBC, National Geographic Films, Time Magazine, CBC The Current (Canada), Daily Express, Carte Blanche, Natural Resource Defense Council, Austrian Public Radio, New Scientist, Harvard Mental Health Letters, Reader Digest UK, Weekly Reader, Scholastic, Stern-Neon (Germany), National Geographic Magazine France, Smithsonian, Vega (Brasil), Utne Reader, Outside Magazine, The Sunday Telegraph, The London Times, American Scientist (Germany), National Public Radio, 21st Century Radio, Wild About Pets.

Film and television

Elephant on the couch. Vetenskapens Värld, SVT 2, Skandinavian Television, May 23, 2011.

Elephant PTSD. ABC 20/20, July, 2008. (Genesis Award)

Elephant Rage. National Geographic Channel's *Explorer*, June 5, 2005 (Interview).

Losing the Elephants. Swell Films, 2007 (Interview).

Oh Father, Where Art Thou? Social breakdown and Fatherlessness in African-American Communities. Interviewed documentary, 2007 (Interview).

CONFERENCES (LEAD ORGANIZER)

- *Common Hearts, Common Minds: The Emergence of Trans-Species Psychology*. First Annual Conference of the Trans-Species Institute, Santa Barbara California, May 8-10 2009.
- *Trans-species psychology: Theory and Practice*. Southern Oregon University. 16-18 June 2008.
- *Statistical inference and environmental policy*. 2001. NSF/USDA Forest Service. Santa Barbara, CA.
- *Decision Strategies for Complexity and Uncertainty in Natural Resource Management in British Columbia*, Canada. Workshop. 2000. Southern Interior Forest Extension and Research Partnership. Kelowna, B.C., Canada.
- *Re-thinking the "and" in humans and nature: ecology at the boundary of the human dimension*. 2000. Ecological Society of America Annual Meeting. Snowbird, Utah.
- *Human-Nature Boundaries*. 2000. National for Ecological Analysis and Synthesis. Workshop, Santa Barbara, California, USA.
- *Habitat Fragmentation Effects Across Biomes in the Americas*. 1997. Maitencillo, Chile. Inter-Americas Institute for Global Change and National Science Foundation (IAI-NSF; co-chair P. Marquet).

- *Biological Invaders, Fire and Fragmentation in the Americas*. 1996. Inter-Americas Institute for Global Change and National Science Foundation (IAI-NSF). Silver Falls, Oregon, USA (co-chair, H. Mooney).
- *Sampling Aquatic Network and Watersheds Across Scales* 1995. Center for the Analysis of Environmental Change Consortium. Timberline, Oregon

SELECTED INVITED PRESENTATIONS *

**Since 2002, Dr. Bradshaw accepts only limited speaking engagements*

- Bell Rizzolo, Jessica and G.A. Bradshaw (2016, March). "Elephant Culture, Psychology and Trauma in Asia's Tourism Industry." Eastern Sociological Society, Boston, MA.
- Bell Rizzolo, Jessica and G.A. Bradshaw (2015, December). "Human Leisure/Elephant Breakdown: Impacts of Tourism on Asian Elephants." Australian and New Zealand Association for Leisure Studies, Adelaide, Australia.
- Bell Rizzolo, Jessica and G.A. Bradshaw (2016, June). "Sustainability Inside and Out: Including Psychological and Social Criteria for IUCN Asian Wildlife Assessments." Conservation Asia 2016, Singapore.
- Bell Rizzolo, Jessica and G.A. Bradshaw (August, 2016) "Prevalence and Patterns of Complex PTSD in Asian Elephants (*Elephas maximus*). International Conference on Asian Elephants in Culture & Nature, Sri Lanka.
- Bradshaw, G.A. 2014. Elephant, Us, and Other Kin. At the Affect Dyregulation and the Healing of the Self, University of California, Los Angeles, (ULCA) Annual Interpersonal Neurobiology Conference, March 14-16, 2014.
- Bradshaw, G.A. 2011. Dissolving Caliban's Line: the emergence of trans-species science and identity. Arcus Foundation Roundtable, *Rethinking the species interface*. August 10-12, 2011, Desmond Tutu Center, New York.
- Oriel, E. & G.A. Bradshaw. (Forthcoming). Alaskan Indigenous Carvings of Wolves Reflect Cosmology that Parallels Complexity Theory, *Religion, Nature and Art Conference* Sponsored and in Cooperation with the Vatican Museums 13-14 October 2011, Vatican Museums (Vatican City State)
- Bradshaw, G.A. & E. Oriel. (Forthcoming). Restoring our daemons. *Interactive Futures Conference: Animal Influences*. November 17-19, 2001, Emily Carr University of Arts + Design, BC, Canada.
- Bradshaw, G.A. 2010. Now we are one: the Human-Animal-Bond/Bondage. *Animal Grantmakers Conference*, Baton Rouge LA.
- Bradshaw, G.A. 2010. Living like animals: Sustainability and Animal self-determination. *2nd International Conference on Sustainability Science*. Rome, Italy. 23-25 June 2010.
- McCarthy, E. and G.A. Bradshaw. 2010. The role of patient consent in psychotherapy: A discussion on the ethics of flooding. *Proceedings of the Association of Avian Veterinarians. 29th Annual Conference, San Diego, CA*.
- Bradshaw, G.A. and E. McCarthy. 2010. Affect dysregulation: mechanisms and treatment. Avian affect *Proceedings of the Association of Avian Veterinarians. 29th Annual Conference, San Diego, CA*.
- Yenkosky, J., G.A. Bradshaw, and E. McCarthy. 2010. Post traumatic stress disorder among parrots in captivity: treatment considerations. *Proceedings of the Association of Avian Veterinarians. 29th Annual Conference, San Diego, CA*.
- Ferdowsian, H., L. Brent L, D. Durham D, G.A. Bradshaw. 2008. Effects and Prevalence of Psychological Trauma in Chimpanzees in Captivity. *International Primatological Society Congress*. Edinburgh, Scotland.

- Bradshaw, G.A., Linden, P. G., & Schore, A.N. 2005. Behavioural and physiological effects of trauma on *Psittacines*. Proceedings of the Association of Avian Veterinarians. *26th Annual Conference, August 9-11, 2005, Monterey, CA.*
- Bradshaw, G.A. Of pachyderms and people: Trans-species psychology theory (Workshop). *Annual UC Davis National Child Abuse and Neglect Conference*. October 27-29, 2008.
- Bradshaw, G.A. 2008. Of kin under the skin: What we are learning about human trauma from animal experiences. (Workshop). *Annual UC Davis National Child Abuse and Neglect Conference*.
- Bradshaw, G.A. 2001 Red Herrings: the American Indian in the Discourse of Ecology and Conservation. *American Heritage Institute*. Wyoming.
- Bradshaw, G.A. 2000. Re-thinking the "and" in humans and nature: ecology at the boundary of the human dimension. (Symposium). *Ecological Society of America Annual Meeting*.
- Bradshaw, G.A. 2000. Implicate ecology: a relational approach to integrating indigenous and Euro-American sciences. *National Centre for Ecological Analysis and Synthesis (NCEAS)*.
- Bradshaw, G.A. J. G. Borchers, & G. Weaver. 2000. Building bridges between science and forest policy: Methods and tools. 7 - 12 August 2000. *XXI IUFRO World Congress*. Kuala Lumpur, Malaysia.
- Bradshaw, G.A. 1999. Using scientific uncertainty to shape forest policy. *United Nations. International Forum on Forestry*, Geneva, Switzerland
- Bradshaw, G.A. Two-D Wavelet Analysis. Institute of Mathematics and Physics. Royal Institute of Agriculture and Veterinary Sciences. University of Copenhagen, Denmark.
- Bradshaw, G.A. 1- and 2-D Wavelet analysis for environmental analysis. *Centre National d'Etudes Spatiales (CNES)*, Toulouse, France.
- Bradshaw, G.A. and Jill Anthony. 1999. Two-dimensional analysis for characterizing multi-scale species range data. (Symposium) *Ecological Society of America Annual Meeting*, Snowbird, Utah.
- Bradshaw, G.A. & J.G. Borchers. Scientific uncertainty and environmental policy formulation. *Oregon State Legislature*, Joint Committee on Stream Restoration and Species Recovery, February 5, 1999.
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