

Michael C. Gavin

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PUBLICATIONS

(* indicates co-author is current or former student or postdoc)

Pacheco Coelho, M.T.* , Pereira, E., Haynie, H., Rangel, T., Kavanagh, P., Kirby, K.R., Greenhill, S.J., Bown, C., Gray, R.D., Colwell, R., Evans, N., **Gavin, M.C.** 2019. Drivers of geographical patterns of North American language diversity. *Proceedings of the Royal Society B* 286 (1899): 20190242.
<https://doi.org/10.1098/rspb.2019.0242>

Rozzi, R., May, R., Chapin, T., Massardo, F., **Gavin, M.C.** et al. (Eds). 2019. From Biocultural Homogenization to Biocultural Conservation. Springer Press.

Tang, R.* and **Gavin, M.C.** 2019. Toward more biocultural approaches to conservation in China. In: Rozzi, R. et al (Eds). From Biocultural Homogenization to Biocultural Conservation. Springer Press.

Rozzi, R., May, R.H., Chapin, S., Massardo, F., **Gavin, M.C.**, Klaver, I., Pauchard, A., Núñez, M., Simberloff, D. 2019. From biocultural homogenization to biocultural conservation: A conceptual framework to reorient society toward sustainability of life. In: Rozzi, R. et al (Eds). *From Biocultural Homogenization to Biocultural Conservation*. Springer Press.

Thomas, A. S.* , Milfont, T. L., **Gavin, M. C.** 2019. Scenario-based analyses evaluate potential outcomes of proposed regulatory changes in recreational fishery. *ICES Journal of Marine Science* fsz141,
<https://doi.org/10.1093/icesjms/fsz141>.

Haynie, H.J.* , Kavanagh, P.H.* , Jordan, F.M., Ember, C.R., Gray, R.D., Greenhill, S.J., Kirby, K., Kushnick, G., Low, B.S., Tuff, T., Vilela, B., Botero, C. A., **Gavin, M. C.** 2019 (preprint). Pathways to social inequality. *SocArXiv*. DOI: 10.31235/osf.io/nzv8d

Haynie, H. J.* , **Gavin, M. C.** 2019 (preprint). Modern Language Range Mapping for the Study of Language Diversity. *SocArXiv*. DOI: 10.31235/osf.io/9fu7g

Berl, R.* , Samarasinghe, A. N., Jordan, F. M., **Gavin, M. C.** 2019 (preprint). Position-Reputation-Information (PRI) scale of individual prestige. *SocArXiv*. DOI: 10.31235/osf.io/426n8

Gavin, M.C., McCarter, J*, Berkes, F., Sterling, E.J., Turner, N.J. 2018. Protected land: Many factors shape success. *Science* 361 (6402), 561.

Kavanagh, P.H.* , Vilela, B., Haynie, H.J.* , Gray, R.D., Botero, C. A., **Gavin, M.C.** 2018. Hindcasting global population densities reveals forces enabling the origin of agriculture. *Nature Human Behaviour* 2: 478-484.

Gavin, M. C., McCarter, J.* , Berkes, F., Mead, A. T. P., Sterling, E. J., Tang, R.* , & Turner, N. J. 2018. Effective biodiversity conservation requires dynamic, pluralistic, partnership-based approaches. *Sustainability* 10(6): 1846.

Gavin, MC, Kavanagh PK*, Haynie HJ*, Bown C, Ember CR, Gray RD, Jordan FM, Kirby KR, Kushnick G, Low BS, Vilela B, Botero CA. 2018. The global geography of human subsistence. *Royal Society Open Science* 5: 171897.

David-Chavez, D.M.* and **M.C. Gavin**. 2018. A global assessment of Indigenous community engagement in climate research. *Environmental Research Letters* 13: 123005. DOI: <https://doi.org/10.1088/1748-9326/aaf300>

Meng C, Breidt FJ, Solomon JN, Conteh, A*, **Gavin MC**. 2018. Understanding the drivers of sensitive behavior using Poisson regression from quantitative randomized response technique data. *Plos One* 13(9): e0204433.

Gavin, M.C., Rangel, T.F., Bownern, C., Colwell, R.K., Kirby, K.R., Botero, C.A., Dunn, M., Dunn, R.R., McCarter, J., Pacheco Coelho, M.T. and Gray, R.D., 2017. Process-based modelling shows how climate and demography shape language diversity. *Global Ecology and Biogeography* 26(5): 585-591.

Conteh, A.*, **Gavin, M.C.** and McCarter, J., 2017. Assessing the impacts of war on perceived conservation capacity and threats to biodiversity. *Biodiversity and Conservation* 26(4): 983-996.

Conteh, A.*, **Gavin, M.C.** and McCarter, J., 2017. Influence of war on hunting patterns and pressure in Sierra Leone. *Environmental Conservation* 44(2): 131-138.

Kirby KR, Gray RD, Greenhill SJ, Jordan FM, Gomes-Ng S, Bibiko H-J, Blasi DE, Botero CA, Bownern C, Ember CR, Leehr D, Low BS, McCarter J, Divale W, and **Gavin MC**. 2016. D-PLACE: A Global Database of Cultural, Linguistic and Environmental Diversity. *PLoS ONE* 11(7): e0158391. doi:10.1371/journal.pone.0158391

Tang, R.* and **Gavin, M.C.** 2016. A classification of threats to traditional ecological knowledge and conservation responses. *Conservation & Society* 14(1): 57-70.

Thomas, A.S.*, Milfont, T.L., and **Gavin, M.C.** 2016. A new approach to identifying the drivers of regulation compliance using multivariate behavioural models. *Plos One*. <http://dx.doi.org/10.1371/journal.pone.0163868>

MacDonald, E.*, Milfont, T. and **Gavin, M.**, 2016. Applying the Elaboration Likelihood Model to increase recall of conservation messages and elaboration by zoo visitors. *Journal of Sustainable Tourism*, 24(6), pp.866-881.

Solomon, J.N., Conteh, A.*, and **Gavin, M.C.** 2016. Codes of ethics are critical for research on non-compliance with conservation rules and regulations. *Biological Conservation* 196: 210.

Gavin M.C., McCarter J*, Berkes F, Mead A, Stepp, JR, Peterson, D, Tang R*. 2015. Defining biocultural approaches to conservation. *Trends in Ecology and Evolution* 30(3): 140-145.

Tang, R.*, **Gavin, M.C.** 2015. Degradation and re-emergence of the commons: The impacts of government policies on traditional resource management institutions in China. *Environmental Science and Policy* 52: 89-98.

McGregor, A., Challies, E., **Gavin, M.C.**, Haalboom, B., Astuti, R., Dixon, R., Howson, P.*, Tacconi, L., and Afiff, S. 2015. Beyond carbon, more than forest?: REDD+ governmentality in Indonesia. *Environment and Planning A* 47(1): 138-155.

MacDonald, E.A.* **Gavin, M.C.**, Milfont, T. 2015. Thinking globally but not acting locally?: Expert and public perceptions of environmental threats and conservation actions. *Human Dimensions of Wildlife* 20:123-132.

Thomas, A.*, **Gavin, M.C.**, and Milfont, T.L. 2015. What determines fishers' knowledge of and attitudes towards regulations? A case study from the Marlborough Sounds, New Zealand. *Marine Policy* 51: 547-554.

- Breidt, F.J., **Gavin, M.C.**, Blank, S. G.*. 2015. Statistical approaches for analyzing randomized response technique data. *Biological Conservation* 187: 281-282.
- Conteh, A.* , **Gavin, M.C.**, and J.N. Solomon. 2015. Quantifying illegal hunting – a novel application of the quantitative randomised response technique. *Biological Conservation* 189: 16-23
- Solomon, J.N., **Gavin, M.C.**, and Gore, M. 2015. Detecting and understanding non-compliance with conservation rules. *Biological Conservation* 189: 1-4.
- Thomas, A.* , **Gavin, M.C.**, and Milfont, T.L. 2015. Estimating non-compliance among recreational fishers: Insights into factors affecting the usefulness of the Randomized Response and Item Count Techniques. *Biological Conservation* 189: 24-32.
- MacDonald, E.A.* , **Gavin, M.C.**, Milfont, T. 2015. Sticky messaging: which communication strategies lead to maximum recall of conservation messages and elaboration by zoo visitors? *Journal of Sustainable Tourism* 10(1): 1-16.
- MacDonald, E.A.* , **Gavin, M.C.**, Milfont, T. 2015. What drives cat owner behaviour?: First steps towards limiting domestic cat impacts on native wildlife. *Wildlife Research* 42(3): 257-265.
- McCarter, J.* and **Gavin, M.C.** 2015. Assessing variation and diversity of ethnomedical knowledge: a case study from Malekula Island, Vanuatu. *Economic Botany* 69(3): 251-261.
- Gavin, M.C.** and Stepp, J. R. 2014. Rapoport's rule revisited: Geographical distributions of human languages. *PLoS One*. DOI: [10.1371/journal.pone.0107623](https://doi.org/10.1371/journal.pone.0107623)
- Botero, C.A., Gardner, B., Kirby, K., Bulbulia, J. **Gavin, M.C.**, Gray, R.D. 2014. The ecology of religious beliefs. *Proceedings of the National Academy of Sciences, USA* 111 (47): 16784-16789.
- Mastrangelo, M* , **Gavin, M.C.** 2014. Impacts of agricultural intensification on avian richness at multiple scales in Dry Chaco forests. *Biological Conservation* 179: 63-71.
- McCarter J* and **Gavin M.C.** 2014. The challenges of maintaining indigenous ecological knowledge. *Ecology & Society*. DOI: [dx.doi.org/10.5751/ES-06741-190339](https://doi.org/10.5751/ES-06741-190339)
- Manfredo, M., Teel, T., **Gavin, M.C.**, Fulton, D. 2014. Considerations in representing human individuals in social-ecological models. In: Manfredo, M., Vaske, J., Rechkemmer, A., and Duke, E. (Eds.) *Understanding Society and Natural Resources: Forging New Strands in Integration across the Social Sciences*. New York: Springer, pp. 137-158.
- McCarter J * and **Gavin M.C.** 2014. *In situ* maintenance of traditional ecological knowledge on Malekula Island, Vanuatu. *Society and Natural Resources* DOI: [10.1080/08941920.2014.905896](https://doi.org/10.1080/08941920.2014.905896).
- McCarter J* and **Gavin M.C.** 2014. Local perceptions of change in traditional ecological knowledge on Malekula Island, Vanuatu. *Ambio* 43(3): 288-296.
- Mastrangelo, M.E.* , **Gavin, M.C.**, Milfont, T. and Linklater, W. 2014. Psycho-social factors influencing forest conservation intentions on the agricultural frontier. *Conservation Letters* 7(2):103-110.
- Gavin, M.C.** et al. (14 co-authors including 1 former student). 2013. Towards a mechanistic understanding of linguistic diversity. *Bioscience* 63(7): 524-535.

- Gavin, M.C.** and Sibanda, N. 2012. The island biogeography of languages. *Global Ecology and Biogeography* 21(10): 958-967.
- Mastrangelo, M.E.* and **Gavin, M.C.** 2012. Trade-offs between cattle production and bird conservation in an agricultural frontier of the Gran Chaco of Argentina. *Conservation Biology* 26(6): 1040-1051.
- Lake, B.*, Milfont, T. L., and **Gavin, M.C.** 2012. The relative influence of psycho-social factors on urban edible gardening. *New Zealand Journal of Psychology* 41: 49-58.
- McCarter, J. * and **Gavin, M.C.** 2011. Perceptions of the value of traditional ecological knowledge to formal school curricula. *Journal of Ethnobiology and Ethnomedicine* 7: 38 doi:10.1186/1746-4269-7-38.
- Swapan, M. S. H.* and **Gavin, M. C.** 2011. A desert in the delta: Participatory assessment of changing livelihoods induced by commercial shrimp farming in Southwest Bangladesh *Ocean & Coastal Management* 54: 45-54.
- Rodriguez, E. I.*, **Gavin, M. C.**, and Macedo, M. 2010. Barriers and triggers to community participation across different stages of conservation management. *Environmental Conservation*. 37: 239-249.
- Gavin, M. C.**, Solomon, J. N. and Blank, S. G.* 2010. Measuring and monitoring illegal use of natural resources. *Conservation Biology* 24(1): 89-100.
- Tang, R* and **Gavin, M. C.** 2010. Traditional ecological knowledge informing resource management. *Society & Natural Resources* 23: 193-206.
- Dunn, R.D., Davies, T. J., Harris, N.C., **Gavin, M. C.** 2010. Global drivers of human pathogen richness and prevalence. *Proceedings of the Royal Society of London: B* 277: 2587-2595. (all authors contributed equally)
- Gavin, M.C.** 2009. Conservation implications of rainforest use patterns. *Journal of Applied Ecology* 46: 1275-1282.
- Blank, S. G.* and **Gavin, M. C.** 2009. The randomized response technique as a tool for estimating non-compliance rates in fisheries: a case study of illegal red abalone (*Haliotis rufescens*) fishing in Northern California. *Environmental Conservation* 36(2): 112-119.
- Gavin, M. C.** and Solomon, J. N. 2009. Active and Passive Bait-fishing by Black-crowned Night Herons. *The Wilson Journal of Ornithology* 121(4):844-845.
- Gavin, M. C.** and G. J. Anderson. 2007. Socioeconomic predictors of forest use values in the Peruvian Amazon: A potential tool for biodiversity conservation. *Ecological Economics* 60(4): 752-762.
- Gavin, M. C.**, Wali, A. and Vasquez, M.* 2007. Parks, people, and participation: towards collaborative and community-based natural resource management. In: S. Kindon, R. Pain and M. Kesby (Eds.), *Connecting People, Participation and Place: Participatory Action Research Approaches and Methods*. London: Routledge.
- Solomon, J. N., Jacobson, S. K., Wald, K. D. and **Gavin, M. C.** 2007. Estimating illegal resource use at a Ugandan park with the randomized response technique. *Human Dimensions of Wildlife* 12(2): 75-88.
- Gavin, M.C.** 2007. Foraging in the fallows: Hunting patterns across a successional continuum in the Peruvian Amazon. *Biological Conservation* 134: 64-72.

Dunn, R.R., **Gavin, M. C.**, Sanchez, M., and Solomon, J. N. 2006. Pigeon paradox: the dependence of global conservation on urban nature. *Conservation Biology* 20(6): 1814-1816.

Gavin, M. C. and Anderson, G. J. 2005. Testing a rapid quantitative ethnobiological technique: first steps towards developing a critical conservation tool. *Economic Botany* 59(2):112-121.

Gavin, M. C. 2004. Changes in forest use value over ecological succession and their implications for land management in the Peruvian Amazon. *Conservation Biology* 18(6): 1562-1570

Reports and Popular Press

Pacheco Coelho, M. T.*, **Gavin, M.C.** 2019. Why are so many languages spoken in some places and so few in others? *The Conversation*. <https://theconversation.com/why-are-so-many-languages-spoken-in-some-places-and-so-few-in-others-116573>. Reprinted by *PBS, RealClearScience, Curiosity*, among other outlets.

Gavin, M.C. 2017. Why do human beings speak so many languages? *The Conversation*. <https://theconversation.com/why-do-human-beings-speak-so-many-languages-75434>. Reprinted by *Newsweek, Scientific American, The Washington Post, Salon, The World Economic Forum*, among many other outlets.

David-Chavez, D.* and **Gavin, M.C.** 2018. Intergenerational research on Indigenous agricultural knowledge, climate resilience, and food security in the Caribbean. *Global Change Forum*. [Southeast Climate Adaptation Science Center](#).

Dietsch, A.*, **Gavin, M.C.**, Teel, T, Leong, KM, Clarke, MM, Meldrum, B. 2016. Toward an adaptive management approach to non-compliance in National Park Service Units. Natural Resource Report NPS/NRSS/BRD/NRR—2016/1125. US Department of the Interior, National Park Service, Fort Collins.

Gavin M.C., McCarter J*, Berkes F, Mead A, Stepp, JR, Peterson, D, Tang R*. 2015. Defining biocultural approaches to conservation. IUCN Commission on Environmental, Economic and Social Policy Newsletter 13 April.

Weaver, S.A., **Gavin, M. C.**, Warrick, O., Leathers, A.* 2007. Socio-Economic Good Practice Guidance for Reducing Emissions from Deforestation in Developing Countries. Phase I Project Report No. 2. Vanuatu Carbon Credits Project. School of Geography, Environment and Earth Sciences, Victoria University of Wellington.

Gavin, M. C. 2005. Footprints in the Forest. *Wild Earth*. Winter 2004/2005: 16-20.

Gavin, M. C. 2004. Uganda's animal kingdom. *The New York Times*. June 20, 2004.

Gavin, M. C. 2004. Primate vs. Primate. *BBC Wildlife*. January edition.

SYMPOSIA ORGANIZATION AND CHAIRING

(* indicates co-author is current or former student)

Gavin, M.C. and Gray, R.D. 2017. D-PLACE 8.0: International working group meeting. Fort Collins. (funded by NSF and Max Planck Institute).

Gavin, M.C. and Gray, R.D. 2016. D-PLACE 7.0: International working group meeting. Vancouver. (funded by NSF and Max Planck Institute).

Jordan, F. and **Gavin, M.C.** 2016. Geography and Evolution of Cultural Diversity: New Tools and Applications. An international symposium at the Human Behavior and Evolution Conference. Vancouver, Canada.

Gavin, M.C. and Gray, R.D. 2015. D-PLACE 6.0: International working group meeting. Colorado State University, Fort Collins, CO (funded by NSF and Max Planck Institute).

Gavin, M.C. and McCarter, J.* 2014. Biocultural approaches to conservation. An international symposium at the International Congress for the International Society for Ethnobiology. Bhutan.

Gavin, M.C. and McCarter, J.* 2013. The resilience of biocultural approaches to conservation: Towards a new research paradigm. An international symposium hosted at Colorado State University to launch the new IUCN International Network for Biocultural Conservation. Colorado State University, Fort Collins, CO.

Solomon, J.N., Gore, M., and **Gavin, M.C.** 2013. Detecting, understanding and deterring conservation crime. Symposium at the 26th International Congress for Conservation Biology, Baltimore.

Gavin, M.C. 2011. Opportunities and challenges offered by a biocultural approach to conservation. Symposium at the 25th International Congress for Conservation Biology, Auckland, New Zealand.

Gavin, M.C. and McClatchey, W. 2009. Linguistics and Ethnobiology: Possible synergies for research and conservation. Symposium at the International Conference on Language Documentation and Conservation. University of Hawaii, Manoa.

SELECT CONFERENCE AND INVITED PRESENTATIONS

(* indicates co-author is current or former student)

David-Chavez, D.* and **Gavin, M.C.** 2019. A working model for decolonizing science research with Indigenous communities through integrity, respect, humility, and reciprocity. American Geophysical Union Conference. San Francisco, CA.

Gavin, M.C. 2018. The global geography of human cultural diversity. Evolutionary Anthropology Colloquium Series. University of California at Davis.

Vilela, B.*, Fristoe, T., Tuff, T., **Gavin, M.C.**, Kavanagh, P.H.*, Haynie, H.J.*, Gray, R.D., Botero, C.A. 2018. *Domesticates ecological niches limited the historical transmission of farming*. Cultural Evolution Society Conference, Tempe, AZ

Haynie, H.J.*, Kavanagh, P.H.*, Jordan, F.M., Ember, C.R., Gray, R.D., Greenhill, S.J., Kirby, K.R., Kushnick, G., Low, B.S., Tuff, T., Vilela, B.*, Botero, C.A., and **Gavin, M.C.** 2018. *Pathways to Social Inequality*. Cultural Evolution Society Conference, Tempe, AZ

Berl, R.*, Samarasinghe, A., Roberts, S., Jordan, F., **Gavin, M.C.** 2018. Tell me a story; Comparing the effects of prestige and content biases on cultural transmission. Cultural Evolution Society Conference. Tempe, AZ.

Pacheco Coelho, M.T.*, Pereira, E., Haynie, H.J.*, Rangel, T., Kavanagh, P.*, Kirby, K.R., Greenhill, S.J., Bowern, C., Gray, R.D., Colwell, R., Evans, N., **Gavin, M.C.** 2018. Drivers of geographic patterns of North American language diversity. Cultural Evolution Society Conference. Tempe, AZ.

Gavin, M.C. 2017 (Keynote/Plenary talk). Why are there so many languages in some places and so few in others? XLANs: Triggers of Language Change in the Language Sciences, Lyon, France.

Gavin, M.C. 2017 (Keynote/Plenary talk). La diversidad cultural y la conservacion del medio ambiente. Bosques y Desarrollo Sostenible: Visión 2030. Ministry of the Environment. Quito, Ecuador.

Gavin, M.C. 2017 (Invited). Biocultural approaches to conservation. Symposium on Challenges and opportunities in using a biocultural diversity conservation framework. International Congress for Conservation Biology. Cartagena, Colombia.

Gavin, M.C., McCarter, J.*, Berkes, F., Mead, A., Tang, R.*, Sterling, E., Turner, N. 2017. Biocultural approaches can ensure just & effective conservation processes across diverse contexts. International Congress for Conservation Biology. Cartagena, Colombia.

Kavanagh, P.*, Vilela, B., Haynie, H.*, Lima, M., Botero, C. **Gavin, M.C.** 2017. Did demographic changes drive the rise of agriculture? Predicting potential population densities of foraging societies in prehistory. 8th Biennial Conference of the International Biogeography Society. Tucson, Arizona.

Vilela, B., Fristoe, T. Tuff, T., **Gavin, M.C.,** Kavanagh, P.*, Haynie, H.*, Gray, R.D., Botero, C.A. 2017. The relative role of history and ecology on the spread of farming. 8th Biennial Conference of the International Biogeography Society. Tucson, Arizona.

Tuff, T., Fristoe, T., **Gavin, M.C.,** Gray, R., Kavanagh, P.*, Haynie, H.*, Botero, C. Cultural transmission shape phylogenetic trees. 8th Biennial Conference of the International Biogeography Society. Tucson, Arizona.

Haynie, H.J.*, Kavanagh, P.H.*, Vilela, B., Tuff, T., Botero, C.A., **Gavin, M.C.** 2017. Global patterns of agricultural intensity reflect environmental adaptation. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Kirby, K., Gray, R., Greenhill, S., Jordan, F., Bibiko, H., Blasi, D., Botero, C., Bowern, C., Ember, C., Forkel, R., Gomes-Ng, S., Low, B., **Gavin, M.C.** 2017. D-PLACE: A global database of cultural, linguistic, and environmental diversity. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Samarasinghe, A., Berl, R.*, Roberts, S., **Gavin, M.C.,** Jordan, F. 2017. Content and context biases simultaneously shape cultural transmission. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Kavanagh, P.*, Vilela, B., Haynie, H.*, Tuff, T., Lima-Ribeiro, M., Gray, R., Botero, C., **Gavin, M.C.** 2017. Hindcasting global population densities reveals forces driving the origin of agriculture. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Tuff, T., Vilela, B., Fristoe, T., Gray, R., Haynie, H.*, Kavanagh, P.*, **Gavin, M.C.**, Botero, C. 2017. How did the ideas and technology of farming spread so quickly? Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Vilela, B., Tuff, T., Fristoe, T., Kavanagh, P.*, Haynie, H.J.*, Gray, R., **Gavin, M.C.**, Harmon, L., Atkinson, Q., Bouckaert, R., Greenhill, S., Maurits, L., Botero, C. 2017. The tempo and mode of human climate niche evolution. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Berl, R.*, Samarasinghe, A., Jordan, F., **Gavin, M.C.** 2017. Toward a unified framework of prestige. Inaugural meeting of the Cultural Evolution Society. Jena, Germany.

Gavin, M.C. and Gray, R.D. 2016 (invited). The origins of linguistic diversity. Evolution of Language Workshop at the ARC Centre of Excellence for the Dynamics of Language at Australian National University

Jordan, F.M., Kirby, K.R., Gray, R.D., Greenhill, S.J., **Gavin, M.C.** 2016. D-PLACE: Database of places, languages, cultures and environment. European Human Behaviour and Evolution Association Conference, London.

Gavin, M.C., Rangel, T., Bower, C., Pacheco Coelho, M.T., Colwell, R., Kirby, K., Dunn, M., Botero, C., Dunn, R., McCarter, J., Haynie, H., Gray, R. 2016. Simulation models uncover processes driving geographic patterns of language diversity. Human Behavior and Evolution Conference. Vancouver, Canada.

Kavanagh, P., Botero, C., Bower, C., Low, B., Haynie, H., Jordan, F., Gray, R., Kushnick, G., Kirby, K., and **Gavin, M.C.** 2016. The global geography of subsistence strategies. Human Behavior and Evolution Conference. Vancouver, Canada.

Jordan, F.M., Kirby, K.R., Gray, R.D., Greenhill, S.J., Bower, C., Botero, C., Gomes-Ng, S., Ember, C., Low, B., Blasi, D., Bibiko, H., **Gavin, M.C.** 2016. D-PLACE: Database of places, languages, cultures and environment. Human Behavior and Evolution Conference. Vancouver, Canada.

Gavin, M.C. 2015. Why are so many languages spoken in the Pacific? Exploring new frontiers with interdisciplinary research? Invited presentation. Conference: Integrating inferences about our past: New findings and current issues in the peopling of the Pacific and Southeast Asia. Max Planck Institute for the Science of Human History. Jena, Germany.

Gavin, M.C. 2015. How synthesis and interdisciplinary research can push new frontiers. HDNR Seminar Series, Colorado State University. Fort Collins, Colorado.

Gavin, M.C. 2015. Why cultural diversity matters. Invited presentation. TLD conference (organized by Library of Congress). Denver, Colorado.

Gavin, M.C. 2014. Why cultural diversity matters. Invited presentation. TEDx conference (>50,000 views online as of January 2016)

Gavin, M.C. 2014. The forgotten species? A role for synthesis in the study of human cultural diversity. Invited talk: National Evolutionary Synthesis Center, Durham, NC.

Gavin, M.C., McCarter, J.*, Mead, A., Berkes, F., Stepp, R., Peterson, D., Tang, R.* 2014. Biocultural approaches to conservation: Outlining pathways towards efficient, effective and just conservation actions. Pathways to Success Conference: Integrating Human Dimensions into Fisheries and Wildlife Management. Estes Park, Colorado.

Gavin, M.C. and McCarter, J.* 2014. Defining biocultural approaches to conservation. International Congress for the International Society for Ethnobiology. Bhutan.

Gavin, M.C. 2014. The forgotten species: How can advances in biogeography & evolutionary biology contribute to our understanding of human diversity & cultural evolution? Invited seminar. University of California at Santa Barbara.

Dietsch, A.*, **Gavin, M.C.**, Leong, K., Teel, T., Clarke, M., Meldrum, B., Peacock, B. 2014. Applying an adaptive management framework to non-compliance with natural resource regulations: A case study of the U.S. National Park Service. Pathways to Success Conference: Integrating Human Dimensions into Fisheries and Wildlife Management. Estes Park, Colorado.

Conteh, A.*, **Gavin, M.C.**, Solomon, J.N. 2013. Quantifying hunting via a new methodological approach. 26th International Congress for Conservation Biology, Baltimore.

McCarter, J.*, **Gavin, M.C.** 2013. Maintaining traditional ecological knowledge for natural resource management in Vanuatu. 19th International Symposium on Society and Resource Management. Estes Park, Colorado.

McCarter, J.*, **Gavin, M.C.** 2012. Variation and erosion of traditional ecological knowledge in Vanuatu: Implications for fish and wildlife management. Paper delivered at Pathways to Success Conference: Integrating Human Dimensions into Fisheries and Wildlife Management. Breckenridge, Colorado.

Gavin, M.C., Vaske, J., Novack, A. and Solomon, J.N. 2012. A new approach to measuring and monitoring non-compliance. Paper delivered at Pathways to Success Conference: Integrating Human Dimensions into Fisheries and Wildlife Management. Breckenridge, Colorado.

Gavin, M.C. and Stepp, J.R. 2011. Biocultural diversity and biocultural approaches to conservation: what, where and why? Paper delivered at the 25th International Congress for Conservation Biology, Auckland, New Zealand.

Tang, R.*, McCarter, J.* and **Gavin, M.C.** 2011. The role of legislation and formal education in the conservation of biocultural diversity. Paper delivered at the 25th International Congress for Conservation Biology, Auckland, New Zealand.

Rodriguez, E. I.* and **Gavin, M.C.** 2011. The need for adaptive management of collaborative approaches to conservation. Paper delivered at the 25th International Congress for Conservation Biology, Auckland, New Zealand.

Linklater, W. L., MacDonald, E. A.*, Milfont, T. L. and **Gavin, M.C.** 2011. Human behavioural ecology and conservation – collaborate A.P.E.S. required. Paper delivered at the 25th International Congress for Conservation Biology, Auckland, New Zealand.

Gavin, M.C. and Rodriguez, E.* 2011. Big barriers and building bridges – the role of legislation, research, and conservation NGOs in shaping the trajectory of collaborative conservation management. Paper delivered at the Sharing Power conference. IUCN Commission on Environmental, Economic and Social Policy. Whakatane, New Zealand.

Gavin, M.C. 2010. The role of ethnobiology in diagnosing conservation planning options. Paper delivered at the 12th International Congress of Ethnobiology. Tofino, Canada.

Tang, R.* and **Gavin, M.C.** 2010. Traditional ecological knowledge informing resource management: Saxoul conservation in Inner Mongolia, China. Paper delivered at the 12th International Congress of Ethnobiology. Tofino, Canada.

McCarter, J.* and **Gavin, M. C.** 2010. Conserving traditional ecological knowledge: The case of kastom schools on Malekula, Vanuatu. Paper delivered at the 12th International Congress of Ethnobiology. Tofino, Canada.

McCarter, J.* and **Gavin, M. C.** 2010. An estimate of ethnobotanical change from Malekula, Vanuatu. Paper delivered at the 33rd Annual Meeting of the Society of Ethnobiology. Victoria, Canada.

Gavin, M.C. 2009. Polling for poachers and shooting for sustainability: Methods in the study of natural resource use. Invited seminar at Department of Geography. University of Hawaii, Manoa.

Gavin, M. C. 2009. Traditional ecological knowledge and languages: Diversity, loss, and conservation in Malakula, Vanuatu. Paper delivered at the International Conference on Language Documentation and Conservation. University of Hawaii, Manoa.

MacDonald, E.* and **Gavin, M. C.** 2009. Environmental Hyperopia and the roles zoos can play. Paper presented at the University Of Queensland Symposium. Brisbane, Australia.

MacDonald, E.* and **Gavin, M. C.** 2009. The Gap between the perception of local and global conservation threats. Paper presented at the Australasian Wildlife Management Society Conference. Napier, NZ.

Gavin, M.C. and Sibanda, N. 2008. Islands of language – patterns of linguistic diversity in the Pacific Ocean. Paper delivered at the Annual Meeting of the Association of American Geographers. Boston, MA, USA.

Gavin, M.C. 2008. Pharmacy in the fallows: Rainforest use and conservation in Amazonia. Paper delivered at the Annual Meeting of the New Zealand Geographic Society. Wellington, New Zealand.

Gavin, M.C. 2006. Brown fields, green cities, and the future color of conservation. Paper delivered at the Annual Meeting of the Society for Conservation Biology. San Jose, CA USA.

Gavin, M.C. 2005. People, parks and participation: Resource use and management in the Peruvian Amazon. Invited seminar delivered at the 10th Anniversary of the Center for Biodiversity and Conservation, University of Connecticut.

Gavin, M. C. 2002. Tropical rain forest valuation and the role of nutrition in conservation. Paper delivered at the Annual Meeting of the Society for Conservation Biology. Canterbury, England.