

*Curriculum vitae*, updated 16 July 2021

**Chris S. Duvall**

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*Education and Professional Experience*

Education

- 8/2001-12/2006 University of Wisconsin, Madison, WI  
Doctor of Philosophy, Geography, 2006  
Advisor: Dr. Matthew D. Turner  
Dissertation: Villages, vegetation, bedrock, and chimpanzees: Human and non-human sources of ecosystem structure in southwestern Mali  
Minor: African Languages and Literature
- 8/1998-5/2000 San José State University, San José, CA  
Master of Science, Environmental Studies, 2000  
Advisor: Dr. Gary A. Klee  
Thesis: Conservation of the tree *Gilletiodendron glandulosum* in southwestern Mali
- 8/1990-12/1994 University of California, Santa Cruz, CA  
Bachelor of Arts, History (concentration: Africa), 1994  
College, Department, and Thesis Honors

Professional Experience

- 7/2019-present Department of Geography and Environmental Studies, University of New Mexico (UNM), Albuquerque, NM  
Professor and Department Chair
- 7/2013-6/2019 Department of Geography and Environmental Studies, UNM, Albuquerque, NM  
Associate Professor
- 8/2008-6/2013 Department of Geography and Environmental Studies, UNM, Albuquerque, NM  
Assistant Professor
- 1/2007-8/2008 Department of Geography, Michigan State University, East Lansing, MI  
Assistant Professor
- 8/2006-12/2006 Department of Geography, University of Wisconsin, Madison, WI  
University Research Fellow
- 1/2006-5/2006 Department of Geography, University of Wisconsin, Madison, WI  
Senior Teaching Assistant, Geography 339: Environmental Conservation
- 8/2005-1/2006 Department of Geography, University of Wisconsin, Madison, WI  
Lecturer (Instructor), Geography 339: Environmental Conservation
- 1/2004-12/2004 Department of Geography, University of Wisconsin, Madison, WI  
Independent Geography Research in Mali

8/2003-12/2003	Department of Geography, University of Wisconsin, Madison, WI Teaching Assistant, Geography 127: Introduction to Physical Geography
2/2002-8/2002	Wild Chimpanzee Foundation, Geneva, Switzerland Consultant on Environmental Education in Mali
4/2002-10/2002	World Wildlife Fund, Washington, DC Consultant on Biogeography and Conservation in West Africa
8/2001-6/2003	Department of Geography, University of Wisconsin, Madison, WI University Research Fellow
1/2000-8/2001	San Francisco Conservation Corps, San Francisco, CA Associate Director of Field Programs
8/1999-12/1999	San José State University, San José, CA Independent Environmental Studies Research in Mali
10/1998-8/1998	African Immigrant and Refugee Resource Center, San Francisco, CA Refugee Resettlement Services Program Manager
1/1995-4/1997	United States Peace Corps, Bamako, Mali Agriculture Extension Agent

#### Unpaid Professional Appointments

1/2011-present	Robert Wood Johnson Foundation, Center for Health Policy Research, UNM, Albuquerque, NM Senior Research Fellow
9/2010-8/2012	Institute of Evolution, University of Haifa, Haifa, Israel Adjunct Professor

### *Publications and Presentations*

#### Forthcoming Publications

- Zimmerer, K.S., **C.S. Duvall**, E.C. Jaenicke, L.M. Minaker, T. Reardon, and K.C. Seto. In review [publication expected 2021]. Urbanization and Agrobiodiversity: Moving beyond the Common Myths. *One Earth*.
- Sluyter, A. and **C.S. Duvall**. In review [publication expected 2021]. Ganadería colonial en el Gran Caribe y conocimiento africano de la quema de pastizales. In edited book to be published by Editorial Doce Calles, Madrid.

#### Books

- Duvall, C.S. 2019. *The African Roots of Marijuana*. Duke University Press: Durham, NC.  
[Reviewed in: *ChoiceConnect* 57(4); *Economic Botany* 73(4): 532-533; Goldleaf.com, "8 Essential Reads for Justice-Minded Cannabis Activists"; *International Journal of Intangible Heritage* 13: 232-235; *Journal of Historical Geography* 67: 106-107; *Points: The Blog of the Alcohol and Drugs History Society*: 2 July 2019; *Social History of Medicine* In press; *International Journal of African Historical Studies* 53(1): 134-135; *Bulletin of the History of Medicine* 94(2): 303-304; *World History Connected* 18(1)]
- Duvall, C.S. 2015. *Cannabis*. Botanical Series, Reaktion Books: London.

[Reviewed in: *The AAG Review of Books* 3(4): 160-161; *Cultural and Social History* 15(1): 152-154; *Hempirical Evidence* (<http://www.hempiricalevidence.com/2015/02/>); *Publisher's Weekly* (<http://www.publishersweekly.com/paper-copy/reviews/single/978-1-78023-341-3>)]

### Edited Works

Walsh-Dilley, M., J. Nelson-Nuñez, B. Warner, and **C.S. Duvall**, eds. 2020. Special Issue: Rural transformation in Latin America's changing climate. *Journal of Latin American Geography* 19(3).

### Peer-reviewed Journal Articles

- Zimmerer, K.S., M.G. Bell, I. Chirisa, **C.S. Duvall**, M. Egerer, P.-Y. Hung, A.M. Lerner, C.M. Shackleton, J.D. Ward, C. Yacamán Ochoa. 2021. Specialty Grand Challenges in Urban Agriculture: Ecological and Social Approaches to Sustainability Transformations. *Frontiers in Sustainable Food Systems* 5: 668561. DOI: 10.3389/fsufs.2021.668561
- Warner, B., M. Walsh-Dilley, J. Nelson-Nuñez, and **C.S. Duvall**. 2020. Rural transformation in Latin America's changing climate. *Journal of Latin American Geography* 19(3): 10-25.
- Duvall, C.S. 2019. A brief agricultural history of cannabis in Africa, from pre-history to cannacolony. *EchoGéo* 48, article 4. DOI: 10.4000/echogeo.17599.
- Sluyter, A. and **C.S. Duvall**. 2016. African rangeland burning and colonial ranching landscapes in the neo-tropics. *The Geographical Review* 106(2): 294-311.
- Duvall, C.S. 2016. Drug laws, bioprospecting, and the agricultural heritage of *Cannabis* in Africa. *Space and Polity* 20(1): 10-25. [republished as: Duvall, C.S. 2017. Drug laws, bioprospecting, and the agricultural heritage of *Cannabis* in Africa. In *Drugs, Law, People, Place, and the State: Ongoing Regulation, Resistance, and Change* (S. Williams & B. Warf, eds.). Routledge: New York.]
- Lave, R., M. Wilson, E. Barron, C. Biermann, M. Carey, **C.S. Duvall**, L. Johnson, K. Lane, N. McClintock, D. Munroe, R. Pain, J. Proctor, B. Rhoads, M. Robertson, J. Rossi, N. Sayre, G. Simon, M. Tadaki, C. Van Dyke. 2014. Intervention: critical physical geography. *Canadian Geographer* 58(1): 1-10.
- Junker, J., R. Bergl, S. Blake, C. Boesch, G. Campbell, A. Dunn, L. du Toit, **C.S. Duvall**, A. Ekobo, G. Etoga, A. Galat-Luong, J. Gamys, J. Ganas-Swaray, S. Gatti, A. Ghiurghi, N. Granier, E. Greengrass, J. Hart, J. Head, I. Herbinger, T.C. Hicks, B. Huijbregts, I.S. Imong, N. Kuempel, S. Lahm, J. Lindsell, F. Maisels, M. McLennan, L. Martinez, B. Morgan, D. Morgan, F. Mulindahabi, R. Mundry, K.P. N'Goran, E. Normand, A. Ntongho, D.T. Okon, C.-A. Petre, A. Plumptre, H. Rainey, S. Regnaut, C. Sanz, E. Stokes, A. Tondossama, S. Tranquilli, J. Sunderland-Groves, P. Walsh, Y. Warren, E.A. Williamson, H.S. Kuehl. 2013. Recent decline in suitable environmental conditions for African great apes. *Diversity and Distributions* 18(11): 1077-1091.
- Gruley, J. and **C.S. Duvall**. 2012. The evolving narrative of the Darfur conflict as represented in *The New York Times* and *The Washington Post*, 2003-2009. *GeoJournal* 77(1): 29-46. [Joel Gruley is a former Master's student.]

- Duvall, C.S. 2011. Biocomplexity from the ground up: Vegetation patterns in a West African savanna landscape. *Annals of the Association of American Geographers* 101(3): 497-522.
- Duvall, C.S, P. Howard, and K. Goldsberry. 2010. Apples and oranges? Classifying food retailers based on fresh produce availability in a Midwestern U.S. city. *Journal of Hunger and Environmental Nutrition* 5(4): 526-541.
- Goldsberry, K., C.S. Duvall, P. Howard, and J. Stevens. 2010. Visualizing nutritional terrain: A geospatial analysis of pedestrian produce access in Lansing, Michigan, USA. *Geocarto International* 25(6): 485-499.
- Duvall, C.S. 2009. A Maroon legacy? Sketching African contributions to live fencing practices in early Spanish America. *Singapore Journal of Tropical Geography* 30(2): 232-247. [revised version published as: Duvall, C.S. 2010. Trans-Atlantic violence: The landscape legacy of African warfare in the Americas. In *War and Peace in Africa* (T. Falola & R.C. Njoku, eds.): 73-100. Carolina Academic Press: Durham, NC.]
- Duvall, C.S. 2008. Classifying physical geographic features: The case of Maninka farmers in southwestern Mali. *Geografiska Annaler B (Human Geography)* 90(4): 327-348. [revised version published as: Duvall, C.S. 2011 'Land' and life: Ethnoecology and ethnogeography as complementary approaches to the analyses of landscape perception. In *Landscape in Language: Transdisciplinary Perspectives* (D.M. Mark, A.G. Turk, N. Burenhult, & D. Stea, eds.): 121-141. John Benjamins Publishing: Amsterdam.]
- Duvall, C.S. 2008. Chimpanzee diet in the Bafing area, Mali. *African Journal of Ecology* 46(4): 679-683.
- Duvall, C.S. 2008. Human settlement ecology and chimpanzee habitat selection in Mali. *Landscape Ecology* 23(6): 699-716.
- Duvall, C.S. 2007. Human settlement and baobab distribution in southwestern Mali. *Journal of Biogeography* 34(11): 1947-1961.
- Duvall, C.S. 2006. On the origin of the tree *Spondias mombin* in Africa. *Journal of Historical Geography* 32(2): 249-266.
- Duvall, C.S. 2003. Symbols, not data: rare trees and vegetation history in Mali. *The Geographical Journal* 169(4): 295-312.
- Duvall, C.S. 2001. Habitat, conservation, and use of *Gilletiodendron glandulosum* in southwestern Mali. *Systematics and Geography of Plants* 71(2): 699-737.
- Duvall, C.S. 2000. Important habitat for chimpanzees in Mali. *African Study Monographs* 21(4): 173-203.

### Book Chapters

- Duvall, C.S. 2021. Context matters: Holism and subjectivity in environmental knowledge systems. In *Routledge Handbook of Indigenous Environmental Knowledge* (T. Thornton & S. Bagwat, eds.): 35-45. Routledge: New York.
- Duvall, C.S. 2020. Prosaic, poetic, psychedelic, and paranormal communications of plants. In *Handbook of the Changing World Language Map* (S. Brunn & R. Kehrein, eds.): 1903-1919. Springer Publishing: New York. DOI: 10.1007/978-3-319-73400-2\_30-1.
- Duvall, C.S., B. Butt, and A. Neely. 2018. The trouble with savanna and other environmental categories, especially in Africa. In *Handbook of Critical Physical Geography* (R. Lave,

- C. Biermann, & S. Lane, eds.): 107-127. Palgrave MacMillan: New York. **[Bilal Butt is a former doctoral student.]**
- Duvall, C.S. 2017. Science, society, and knowledge of the Columbian Exchange: The case of *Cannabis*. In *Environmental History in the Making. Volume I: Explaining* (E. Vaz, C. Joanez de Melo, & L.M. Costa Pinto, eds.): 225-241. Springer Publishing: New York.
- Duvall, C.S. 2012. *Ceiba pentandra* (L.) Gaertn. In *Plant Resources of Tropical Africa, Vol. 16: Fibers* (M. Brink & E.G. Achigan-Dako, eds.): 75-82. PROTA Foundation: Wageningen, The Netherlands.
- Duvall, C.S. 2011. Ferricrete, forests, and temporal scale in the production of colonial science in Africa. In *Knowing Nature: Conversations at the Interface of Political Ecology and Science Studies* (M.J. Goldman, P. Nadasdy, & M.D. Turner, eds.): 113-127. University of Chicago Press: Chicago.
- Duvall, C.S. 2011 'Land' and life: Ethnoecology and ethnogeography as complementary approaches to the analyses of landscape perception. In *Landscape in Language: Transdisciplinary Perspectives* (D.M. Mark, A.G. Turk, N. Burenhult, & D. Stea, eds.): 121-141. John Benjamins Publishing: Amsterdam.
- Birnbaum P., L. Granjon, P. Blanc, M.H. Chevallier, J.F. Cosson, J.-M. Duplantier, C.S. Duvall, J. Fahr, J. Florence, P.M. Forget, D. Gautier, L. Gazull, J.F. Trébuchon, E. Lecompte, B. Niagaté. 2010. Forêts de failles et forêts galeries au sud du Mali: Deux voies pour la pérennité des refuges guinéens en zone soudanienne. In *Connaissance et gestion des écosystèmes tropicaux : résultats du programme de recherche "écosystèmes tropicaux" 2005-2010* (C. Nivet, D. McKey, & C. Legris, eds.): 165-177. ECOFOR and Ministère de l'Environnement, de l'Énergie, du Développement, et de la Mer: Paris.
- Duvall, C.S. 2010. Trans-Atlantic violence: The landscape legacy of African warfare in the Americas. In *War and Peace in Africa* (T. Falola & R.C. Njoku, eds.): 73-100. Carolina Academic Press: Durham, NC.
- Duvall, C.S. 2008. *Pterocarpus erinaceus* Poir. In *Plant Resources of Tropical Africa, Vol. 7: Timbers* (D. Louppe, A. Oteng-Amoako, & M. Brink, eds.): 478-482. Backhuys Publishers: Leiden, The Netherlands.
- Duvall, C.S. and G. Smith. 2005. Republic of Mali. In *The GRASP Atlas of Great Ape Conservation* (J. Caldecott & L. Miles, eds.): 271-279. Great Ape Survival Project and World Conservation Monitoring Center: London. [republished in French as: Duvall, C.S. and G. Smith. 2009. République du Mali. In *Atlas Mondial des Grands Singes et de leur Conservation* (J. Caldecott & N. Miles, eds.): 412-418. Editions UNESCO: Paris.]
- Duvall, C.S. 2003. Agriculture and chimpanzee survival in West Africa. In *The West African Chimpanzee* (R. Kormos, C. Boesch, & M. Bakarr, eds.): 143-145. IUCN: Gland, Switzerland.
- Duvall, C.S., B. Niagaté, and J.-M. Pavy. 2003. Mali. In *The West African Chimpanzee* (R. Kormos, C. Boesch, & M. Bakarr, eds.): 41-50. IUCN: Gland, Switzerland.

### Encyclopedia Entries

- Duvall, C.S. 2017. Cannabis and tobacco in precolonial and colonial Africa. In *Oxford Research Encyclopedia of African History* (T. Spear, ed.). Oxford University Press: New York. DOI: 10.1093/acrefore/9780190277734.013.44. [8,000 words]

- Duvall, C.S. 2015. Geography. In *The Princeton Companion to Atlantic History* (J.C. Miller, V. Brown, J. Cañizares-Esguerra, L. Dubois, & K. Ordhal Kupperman, eds.): 225-227. Princeton University Press: Princeton. [1,500 words]
- Duvall, C.S. 2010. Landscape and wildlife conservation. In *The Encyclopedia of Geography* (B. Warf, ed.): 1696-1698. Sage Publications: London. [1,000 words]
- Duvall, C.S. 2010. Agroforestry. In *The Encyclopedia of Geography* (B. Warf, ed.): 60-62. Sage Publications: London. [1,000 words]
- Duvall, C.S. 2003. Arabian-American Oil Company. In *Colonialism: An International Social, Cultural, and Political Encyclopedia* (M. Page, ed.): 24. ABC-CLIO: Santa Barbara, CA. [325 words]
- Duvall, C.S. 2003. Guinea. In *Colonialism: An International Social, Cultural, and Political Encyclopedia* (M. Page, ed.): 243-244. ABC-CLIO: Santa Barbara, CA. [325 words]
- Duvall, C.S. 2003. Petroleum. In *Colonialism: An International Social, Cultural, and Political Encyclopedia* (M. Page, ed.): 467-468. ABC-CLIO: Santa Barbara, CA. [325 words]
- Duvall, C.S. 2003. Sierra Leone. In *Colonialism: An International Social, Cultural, and Political Encyclopedia* (M. Page, ed.): 530-531. ABC-CLIO: Santa Barbara, CA. [325 words]

#### Textbook

- Duvall, C.S. 2012. *Learning physical geography in the Southwest: Exercises for introductory physical geography*. Second edition. Contemporary Publishing Company: Raleigh, NC. 272 pp. [first edition published 2010]

#### Review Essays

- Duvall, C.S. 2014. Review of *Cannabis: Ethnobotany and Evolution*, by Robert C. Clarke and Mark D. Merlin. *Geographical Review* 104(4): 523-526. [1,500 words, critical review with eleven works referenced]
- Duvall, C.S. 2013. Exploring imaginary worlds: New scholarship linking geography and the humanities. *Journal of Historical Geography* 40: 105-108. [3,300 words, three books reviewed]

#### Book Reviews

- Duvall, C.S. 2021. Review of *The Age of Intoxication: Origins of the Global Drug Trade*, by Benjamin Breen. *Journal of Historical Geography* 72: 89-90.
- Duvall, C.S. 2019. Review of *Grass Roots: A History of Cannabis in the American West*, by Nick Johnson. *Social History of Alcohol and Drugs* 33(1): 157-159.
- Duvall, C.S. 2014. Review of *Black Ranching Frontiers*, by Andrew Sluyter. *The AAG Review of Books* 1(4): 154-156.
- Duvall, C.S. 2010. Review of *In the Shadow of Slavery: Africa's Botanical Legacy in the Atlantic World*, by Judith A. Carney and Richard Nicholas Rosomoff. *The Geographical Review* 100(4): 607-609.

#### Miscellaneous Publications

- Duvall, C.S. 2018. Cover endorsement of book: *Commodifying Cannabis: A Cultural History of*

- a Complex Plant in the Atlantic World* by Bradley J. Borougerdi, Lexington Books: New York. [cover endorsement]
- Duvall, C.S. 2016. Cover endorsement of book: *Sacred Bliss* by Mark Ferrara, Rowman and Littlefield: New York. [cover endorsement]
- Duvall, C.S. 2015. Decriminalization doesn't address marijuana's standing as a drug of the poor. *The Conversation U.S.* URL: <http://theconversation.com/decriminalization-doesnt-address-marijuanas-standing-as-a-drug-of-the-poor-42345>. [news analysis/opinion essay] [Republished as: Decriminalization Doesn't Erase Marijuana's Class and Race Problems, *Opposing Viewpoints Online Collection*, Gale, 2019, [www.gale.com](http://www.gale.com)]
- Goldsberry, K.G. & C.S. Duvall. 2010. Visualizing nutritional terrain: An atlas of produce accessibility in Lansing, Michigan, USA. *Proceedings of the 24<sup>th</sup> International Cartographic Conference*. URL: [http://icaci.org/documents/ICC\\_proceedings/ICC2009/html/refer/14\\_6.pdf](http://icaci.org/documents/ICC_proceedings/ICC2009/html/refer/14_6.pdf). [peer-reviewed conference proceedings]
- Duvall, C.S. 2008. Cover photo: Sandstone cliff in Mali, West Africa. *Geografiska Annaler B (Human Geography)* 90(4). [photograph]
- Duvall, C.S. 2007. Cover photo: Baobab tree (*Adansonia digitata* L.) growing at cliff base in Mali. *Journal of Biogeography* 34(11). [photograph]
- Duvall, C.S. 2006. Effects of human settlement on baobab and chimpanzee distribution in southwestern Mali. In *Crossing Disciplinary Boundaries and Re-visioning Area Studies: Perspectives from Asia and Africa. Proceedings of the Kyoto Symposium, 9-13 November 2006* (J. Maruyama, L. Wang, T. Fujikura, & M. Ito, eds.): 516. Graduate School of Asian and African Area Studies, Kyoto University: Kyoto. [abstract]
- Duvall, C.S. 2003. Foreword. In *Bamanankan Learners' Reference Grammar* (A.T. Fofana & M. Traoré, authors): v-vi. NALRC Press: Madison, USA. [book foreword]
- Duvall, C.S. 2000. Conservation status of the endemic tree *Gilletiodendron glandulosum* in southwestern Mali. *Scripta Botanica Belgica* 20: 28-29. [abstract]
- Duvall, C. 1996. Mali: the land and its primates. *International Primate Protection League News* 21: 26-31. [news article]

#### Unpublished Works

- Duvall, C.S. 2002. *Status of chimpanzees (Pan troglodytes verus) and chimpanzee conservation in Mali*. Report prepared for Wild Chimpanzee Foundation, Gland Switzerland. 22 pp.
- Duvall, C.S. & B. Niagaté. 1997. *Inventaire préliminaire des vertébrés de la Réserve de Faune du Bafing*. Report prepared for Direction Nationale de Conservation de la Nature, Bamako, Mali. 156 pp.

#### Invited and Refereed Presentations (\* denotes presenting author)

- Duvall, C.S. June 16, 2021. "Global context for food security, food justice, and COVID-19 in New Mexico". Invited presentation: Seed Conference, Roadrunner Food Bank, Albuquerque, NM. Event website: <https://www.rafb.org/seed-conference/>. [virtual event]
- Duvall, C.S. February 5, 2021. "The colonial and neo-colonial economies of cannabis in Africa and beyond". Invited presentation: *Department of Geography and Atmospheric Sciences Colloquium Series*, University of Kansas, Lawrence, KS. Event website:

- [https://calendar.ku.edu/event/geography\\_atmospheric\\_science\\_colloquium\\_chris\\_duvall\\_the\\_colonial\\_and\\_neo-colonial\\_economies\\_of\\_cannabis\\_in\\_africa\\_and\\_beyond](https://calendar.ku.edu/event/geography_atmospheric_science_colloquium_chris_duvall_the_colonial_and_neo-colonial_economies_of_cannabis_in_africa_and_beyond). [virtual event]
- Duvall, C.S. November 14, 2020. “Why Do the African Roots of Marijuana Matter?”. Adesina Okuleye Annual Lecture of the Black Cannabis Medical Alliance: *University of Leicester Festival of Social Science*. Lecture info at: <https://www.eventbrite.co.uk/e/black-medical-cannabis-alliance-inaugural-lecture-tickets-128577866861>. [virtual event]
- Duvall, C.S. August 11, 2020. “HBCU Cannabis on the Horizon”. Invited Panelist: *HBCU Cannabis Equity Initiative Virtual Learning Community*, Cannavation Analytics. Series info at: <https://cannavationanalytics.com/hbcu-equity>. [virtual event]
- Duvall, C.S. July 18, 2020. “‘I Can’t Breathe’: Panel in the Impact and Solutions to Environmental Racism on New Mexico”. Invited Panelist: *Change Couldn’t Happen Fast Enough Series*, Katalyst Professional Industries, Houston, TX. URL: <https://www.facebook.com/events/d41d8cd9/i-cant-breathe-environmental-racism-panel/314922786213718/>. [virtual event]
- Duvall, C.S. July 1, 2020. “Africa and the International Structure of the Global Cannabis Industry”. Invited Presentation: *Conversation Series*, Global Ties ABQ, Albuquerque, NM. Series info at: <https://www.facebook.com/gtabq/>. [virtual event]
- Duvall, C.S. June 4, 2020. “The African Roots of Marijuana and the Collapse of the Victorian Global Commerce in Medicinal Cannabis”. Invited Presentation: *Edward Kremers Seminar in the History of Pharmacy and Drugs*, University of Wisconsin School of Pharmacy and the American Institute for the History of Pharmacy. Videoconference series at: <https://aihp.org/kreminar/2020-summer-cannabis>. [virtual event]
- Duvall, C.S. July 26, 2019. “The Co-ecologies of Cannabis and Trypanosomiasis in Nineteenth-century Central Africa”. Refereed Presentation: *3<sup>rd</sup> World Conference on Environmental History*, Federal University of Santa Catarina, Florianópolis, Brazil, July 22-26. Conference website: <https://www.3wceh2019.floripa.br/>.
- Duvall, C.S. November 12, 2018. “Migration Stories Told by Plants that Crossed the Atlantic with Africans”. Invited Presentation: *2018 Fall Lecture Series*, International Studies Institute, UNM, Albuquerque, NM.
- Duvall, C.S. March 28, 2018. “Why is cannabis illegal? The pathway leads to colonial Africa”. Invited presentation: *Department of Geography Colloquium Series*, University of Nevada, Reno, NV. Event website: [https://events.unr.edu/event/geography\\_seminar\\_-\\_why\\_is\\_cannabis\\_illegal\\_the\\_answer\\_lies\\_in\\_colonial\\_africa#.W0zcWdhKib8](https://events.unr.edu/event/geography_seminar_-_why_is_cannabis_illegal_the_answer_lies_in_colonial_africa#.W0zcWdhKib8).
- Duvall, C.S. October 11, 2017. What traditions and whose histories? Misuses of precedent to justify interest in medical marijuana and other plant substances. Invited and refereed presentation: *Challenging Canada 150: Settler Colonialism and Critical Environmental Studies*, Nipissing University, North Bay, Ontario, October 11-14. Conference website: <https://challengingca150.nipissingu.ca/>.
- Duvall, C.S. September 12, 2017. “¿Que es marijuana? And why it’s important to know”. Invited presentation: *CNM-UNM Latin American Studies Lecture Series*, Central New Mexico Community College, Albuquerque, NM. Event website: <https://laili.unm.edu/events/2017/09/2017-09-12-chris-duvall.html>.



- Duvall, C.S. January 8, 2016. “Drugs, labor, and knowledge in western Central Africa and the Atlantic World, 1500-1940”. Refereed presentation: *American Historical Association 130<sup>th</sup> Annual Meeting*, Atlanta, GA, January 7-10. Conference website: <https://aha.confex.com/aha/2016/webprogram/start.html>.
- Duvall, C.S. July 16, 2015. “‘Supporting the strength and condition of the slaves’: Drugs, labor, and knowledge circulation in western Central Africa and the Atlantic World, 1500-1940”. Refereed presentation: *Knowledge Transfers and Cultural Exchanges: 2<sup>nd</sup> International Conference of the Portuguese Center for World History (CHAM)*, Universidade Nova de Lisboa, July 15-18. Conference program: [https://www.nomadit.co.uk/cham/cham2015/downloads/CHAM2015\\_book.pdf](https://www.nomadit.co.uk/cham/cham2015/downloads/CHAM2015_book.pdf).
- Duvall, C.S. July 9, 2014. “Race, class, and post-Columbian *Cannabis* diffusion”. Refereed Presentation: *2<sup>nd</sup> World Conference on Environmental History*, University of Minho, Guimarães, Portugal, July 8-12. Conference website: <http://www.wceh2014.ecum.uminho.pt/Default.aspx?tabindex=1&tabid=1&lang=en-US&pageid=29>.
- Duvall, C.S. October 31, 2012. “*Cannabis* and/as food: Excavating food–medicine–drug relationships in the Atlantic World”. Invited Presentation: *5<sup>th</sup> Annual Symposium on Global Culture*, International Studies Institute, UNM, Albuquerque, NM, October 29-November 2.
- Duvall, C.S. April 21, 2012. “African Studies and African Environments”. Invited Presentation: *Fifty Forward: A Half-Century of African Studies at Wisconsin*, African Studies Program, University of Wisconsin, Madison, WI, April 20-22. Conference website: <http://africa.wisc.edu/50forward/program.html>.
- Duvall, C.S. March 30, 2012. “*Cannabis*: An African biogeography, 1500-1940”. Invited Presentation: *Re-mapping Africa: From Humanities to Health*, Annual Conference of the Center for Geographic Analysis, Harvard University, Cambridge, MA, March 29-30. Conference website: <https://www.gis.harvard.edu/events/conferences/2012-cga-conference-re-mapping-africa-gis-humanities-health>.
- Duvall, C.S. April 18, 2011. “Discussion of Panel II: Migration, settlement, and memories among Africans and their descendants in the Ibero-Atlantic”. Invited discussion: *Greenleaf Colonial Studies Conference: Africans and Their Descendants in the Early Modern Ibero-Atlantic World*, UNM Latin American and Iberian Institute, Albuquerque, NM, April 18-19.
- Duvall, C.S. March 25, 2011. “‘And boy, did the press love it’: Representation of the Peace Corps in U.S. Newspapers, 1961-2011”. Refereed presentation: *Peace Corps and Africa: Honoring 50 Years*, Madison, WI, March 23-27. Conference website: [http://africa.wisc.edu/peacecorps/registration\\_program.html](http://africa.wisc.edu/peacecorps/registration_program.html).
- Duvall, C.S. and B. Butt\*. November 5, 2010. The trouble with ‘savanna’, particularly in Africa. Refereed Presentation: *17<sup>th</sup> Mini-Conference on Critical Geography*, Milwaukee, WI, November 5-6. Conference program: [http://www4.uwm.edu/letsci/conferences/criticalgeography/pdf/abstractcatalog\\_CritGeog.pdf](http://www4.uwm.edu/letsci/conferences/criticalgeography/pdf/abstractcatalog_CritGeog.pdf). **[Bilal Butt was a PhD advisee at Michigan State.]**
- Laris, P.\* & C.S. Duvall. October 19, 2010. “The domesticated biome? Situating humans within ecological models of savanna dynamics”. Refereed presentation: *Global Land Project*

- 1<sup>st</sup> Open Science Meeting*, Phoenix, AZ, October 17-19. Conference website: <https://glp.earth/news-events/events/1st-open-science-meeting>.
- Duvall, C.S.\* & P. Laris. October 18, 2010. "Traditional land-use institutions and the biophysical ecology of landscape change in West African savannas". Refereed Presentation: *Global Land Project 1<sup>st</sup> Open Science Meeting*, Phoenix, AZ, October 17-19. Conference website: <https://glp.earth/news-events/events/1st-open-science-meeting>.
- Birnbaum, P.\*, C.S. Duvall, and J. Florence. April 26, 2010. "Hotspots of floristic diversity in the Sudanian forests of Mali". Refereed Presentation: *19<sup>th</sup> AETFAT Congress*, Antananarivo, Madagascar, April 25-May 1.
- Goldsberry, K.G.\* & C.S. Duvall. November 17, 2009. Visualizing nutritional terrain: An atlas of produce accessibility in Lansing, Michigan, USA. Refereed presentation: *24<sup>th</sup> International Cartography Conference*, Santiago, Chile, November 15-21. Conference website: <https://icaci.org/24th-icc-proceedings-online/>.
- Duvall, C.S. October 29, 2008. "Land and life: Understanding cross-cultural variation and continuity in the ways people conceptualize physical geographic features". Refereed Presentation: *Landscape in Language: A Transdisciplinary Workshop*, organized by David M. Mark and Stephen Levinson, Chinle, AZ, October 26-November 1.
- Duvall, C.S. October 27, 2007. "Using trees (not stumps) to prove that deforestation has occurred". Refereed Presentation: *Nature Matters Conference: Materiality and the More-than-Human in Cultural Studies of the Environment*, York University, Toronto, Canada, October 25-28.
- Duvall, C.S. November 10, 2006. "The effects of historic human settlement on baobab and chimpanzee distribution in southwestern Mali". Invited Presentation: *Crossing Disciplinary Boundaries and Re-Visioning Area Studies: Perspectives from Asia and Africa*, University of Kyoto, Kyoto, Japan, November 9-13. Conference website: <http://areainfo.asafas.kyoto-u.ac.jp/kyotosympo/>.
- Duvall, C.S. November 6, 2006. "Multiscale biogeography of western chimpanzees in the Bafing area, Mali". Invited Presentation: *Primate Origins of Human Evolution Seminar Series*, Primate Research Institute of Kyoto University, Inuyama, Japan.
- Duvall, C.S. March 6, 2006. "Divergent disciplinary pathways and divergent environmental narratives: Ferricrete and forests in Africa". Refereed Presentation: *Environment and Development Advanced Research Circle, Political Ecology of Science and Knowledge Symposium*, Madison, WI, March 6-7.
- Duvall, C.S. September 13, 2002. "Chimpanzee conservation and research in Mali". Invited Presentation: *Conservation International/IUCN Workshop on Conservation of West African Chimpanzees*, Abidjan, Côte d'Ivoire, September 12-14.
- Duvall, C.S. November 12, 2000. "Important habitat for chimpanzees in Mali". Invited Presentation: *Southern California Primate Research Forum*, Los Angeles, CA. Conference website: <http://scprf.ucsd.edu/SCPRFhist.html#13th>.
- Duvall, C.S. August 30, 2000. "Conservation of the tree *Gilletiodendron glandulosum* in Mali". Refereed poster and presentation: *16<sup>th</sup> AETFAT Congress*, Brussels, Belgium, August 28-September 2.

Professional Conference Presentations (\* denotes presenting author)

- Duvall, C.S. November 19, 2020. “Historical geographies of labor, sleeping sickness, and cannabis in nineteenth-century Central Africa and the African Atlantic”. *African Studies Association 63<sup>rd</sup> Annual Meeting*, virtual conference, November 19-20. [virtual event]  
[Conference cancelled: Duvall, C.S. Anticipated April 7, 2020. “Textbook neocolonialism? Try cannabis”. *Association of American Geographers 116<sup>th</sup> Annual Meeting*, Denver, CO, April 6-10.]
- Duvall, C.S. April 1, 2016. “Evidence for the African-led introduction of *Cannabis* to the New World”. *Association of American Geographers 112<sup>th</sup> Annual Meeting*, San Francisco, CA, March 29-April 2.
- Duvall, C.S. April 24, 2015. “Race, class, and drug use: *Cannabis* in the post-Columbian Atlantic”. *Association of American Geographers 111<sup>th</sup> Annual Meeting*, Chicago, IL, April 21-25.
- Duvall, C.S. October 24, 2014. “Plant diffusion within and scientific knowledge of the Columbian Exchange: The importance of social processes”. *Southwest–Great Plains/Rocky Mountains Joint Regional Meeting of the Association of American Geographers*, Albuquerque, NM, October 23-24.
- Devore-Bitahey, C.\* & C.S. Duvall. April 19, 2013. The colonial origins of food insecurity in Dinétah. *New Mexico Public Health Association and New Mexico CARES Health Disparities Center 2013 Joint Conference*, Albuquerque, NM, April 19. [**Cherie Devore-Bitahey was a student in Geog 564 in Fall 2012.**]
- Duvall, C.S. April 11, 2013. “Labor and legal regimes of the Columbian Exchange continue to devalue African agricultural expertise”. *Association of American Geographers 109<sup>th</sup> Annual Meeting*, Los Angeles, CA, April 9-13.
- Duvall, C.S. April 11, 2013. “Discussion of Africa’s Green Revolution: Critical perspectives on new agricultural technologies and systems”. *Association of American Geographers 109<sup>th</sup> Annual Meeting*, Los Angeles, CA, April 9-13.
- Duvall, C.S. February 25, 2012. “Biological versus cultural diffusion of *Cannabis* across the South Atlantic”. *Association of American Geographers 108<sup>th</sup> Annual Meeting*, New York, NY, February 24-28.
- Duvall, C.S. February 26, 2012. “Discussion contributor: Revisiting core concepts, in critical physical geography”. *Association of American Geographers 108<sup>th</sup> Annual Meeting*, New York, NY, February 24-28.
- Duvall, C.S. April 14, 2011. “Patterns of produce availability indicate challenges and opportunities for alternative food systems in U.S. cities”. *Association of American Geographers 107<sup>th</sup> Annual Meeting*, Seattle, WA, April 12-16.
- Howard, P.\*, C.S. Duvall, & K. Goldsberry. August 13, 2010. “The illusion of diversity: Visualizing ownership in the soft drink industry”. *Rural Sociological Society 73<sup>rd</sup> Annual Meeting*, Atlanta, GA, August 12-15. [Poster]
- Duvall, C.S. April 18, 2010. “Possible long-term influences of Maroon land management practices in Central America during the 1500s and 1600s”. *Association of American Geographers 106<sup>th</sup> Annual Meeting*, Washington, DC, April 14-18.
- Duvall, C.S. March 23, 2009. “Sandstone lithology and plant distributions in New Mexico and Mali”. *Association of American Geographers 105<sup>th</sup> Annual Meeting*, Las Vegas, NV, March 22-29.

- Duvall, C.S. April 17, 2008. "Settlement ecology and chimpanzee habitat in Mali". *Association of American Geographers 104<sup>th</sup> Annual Meeting*, Boston, MA, April 15-19.
- Duvall, C.S. April 20, 2007. "Are baobab groves at settlement sites anthropogenic?". *Association of American Geographers 103<sup>rd</sup> Annual Meeting*, San Francisco, CA, April 16-21.
- Duvall, C.S. April 20, 2007. "Discussion of Animal Geographies II: People, Parks, and Wildlife—Studies of Conflict from Africa, India, and Elsewhere". *Association of American Geographers 103<sup>rd</sup> Annual Meeting*, San Francisco, CA, April 16-21.
- Duvall, C.S. November 17, 2006. "Human settlement history and baobab regeneration in southwestern Mali". *African Studies Association 49<sup>th</sup> Annual Meeting*, San Francisco, CA, November 16-19.
- Duvall, C.S. March 8, 2006. "Bedrock, humans, and other causes of floristic variation in southwestern Mali". *Association of American Geographers 102<sup>nd</sup> Annual Meeting*, Chicago, IL, March 5-10.
- Duvall, C.S. April 6, 2005. "The tree *Spondias mombin* in Africa: historical and political biogeography". *Association of American Geographers 101<sup>st</sup> Annual Meeting*, Denver, CO, April 5-9.
- Duvall, C.S. March 7, 2003. "Symbols, not data: rare trees and vegetation history in Mali". *Association of American Geographers 99<sup>th</sup> Annual Meeting*, New Orleans, LA, March 5-8.
- Duvall, C.S. September 14, 1998. "Somalia: history of current crisis". *Immigration and Refugee Services Association of America Annual Meeting*, San Francisco, CA, September 13-15.

### Media Appearances

- 2021: "Can weed give Africa's economies a buzz?", *Fortune* [magazine], 2 June. URL: <https://fortune.com/2021/06/02/african-economies-legal-weed-farming-cannabis-industry-cash-crops/>.
- 2020: "The African Roots of Marijuana", *Black Cannabis* [podcast], 11 December. URL: <https://www.facebook.com/BlackCanna420/videos/1192461824488761/>.
- 2020: "New Health Secretary Brings Experience In Population Health, Course Focuses On Pandemic", KUNM [radio station], 20 November. URL: <https://www.kunm.org/post/new-health-secretary-brings-experience-population-health-course-focuses-pandemic>.
- 2020: "New UNM Class to Focus on COVID-19 Pandemic", KRQE [television station], 6 October. URL: <https://www.krqe.com/health/coronavirus-new-mexico/new-unm-class-to-focus-on-covid-19-pandemic/>.
- 2020: "The Untold Story: How Africa Brought Cannabis to the Americas", *Radio Free Cannabis* [podcast], 6 September. URL [audio content]: <https://www.stevedeangelo.com/blog/2020/9/6/radio-free-cannabis-14-the-untold-history-how-africa-brought-cannabis-to-the-americas>; URL [audio-video content]: <https://www.youtube.com/watch?v=93laCqSwDd8>.
- 2020: "African countries are cashing in on cannabis", *The Article* [magazine], March 14. URL: <https://www.thearticle.com/african-countries-are-cashing-in-on-cannabis>
- 2020: "The African origins of cannabis culture and how it got to the U.S.", *Civilized* [magazine], March. URL: <https://www.civilized.life/articles/the-african-origins-of-cannabis-culture-and-how-it-got-to-the-u-s/>

- 2019: “Leak reveals Hong Kong firm’s troubled multimillion-dollar cannabis plan for Cameroon”, *South China Morning Post* [newspaper], 5 December. URL: <https://www.scmp.com/print/week-asia/economics/article/3040626/leak-reveals-hong-kong-firms-failed-multimillion-dollar>. [Republished in *CameroonVoice.com*, *DailyNewsCameroon.com*, and as “Cameroon’s cannabis plans go up in smoke”, *Organized Crime and Corruption Reporting Project*, URL: <https://www.occrp.org/en/29leaks/camerouns-cannabis-plans-go-up-in-smoke>]
- 2019: “Episode 96: *The African Roots of Marijuana*”, *Black and Highly Dangerous* [podcast], 12 November. URL: <https://www.blackandhighlydangerous.com/single-post/2019/11/13/Episode-96-The-African-Roots-of-Marijuana>.
- 2019: “History, Repeated: An Interview with Chris S. Duvall”, *The Alibi* (Albuquerque, NM) [newspaper], vol. 28, no. 30 (25-31 July). URL: <https://alibi.com/cannabis/58860/History-Repeated.html>
- 2019: “Chris S. Duvall: *The African Roots of Marijuana*”, *New Books Network* [podcast], 24 June. URL: <https://newbooksnetwork.com/chris-s-duvall-the-african-roots-of-marijuana-duke-up-2019/>.
- 2019: “Rare History of Cannabis In Africa and Link to Racism In America”, *The Cannabis Reporter* [podcast], 20 June, URL: <https://www.thecannabisreporter.com/rare-history-cannabis-africa-links-racism-in-america/>.
- 2018: “The Quest for an Ancient Culture’s Cannabis-Filled Cooking”, *Atlas Obscura* [website], 2 May. URL: <https://www.atlasobscura.com/articles/cannabis-cooking-in-georgia>.
- 2016: “New Marijuana” [film], Christopher Productions and SafeTeen New Mexico, 35 minutes. Broadcast multiple times during August to September 2016, on KNME, New Mexico Public Television.
- 2015: “Social Marginalization and Marijuana Decriminalization”, *The Mara Dolan Show* [radio talk show], 6 July, WCAP 990 AM radio [Boston] and on SoundCloud.com.
- 2015: “The Points Interview: Chris S. Duvall”, *Points: The Blog of the Alcohol and Drugs History Society* [blog], 31 March. URL: <https://pointsadhsblog.wordpress.com/2015/03/31/the-points-interview-chris-s-duvall/>.

### Home Campus Academic Presentations

- Duvall, C.S. April 9, 2019. “Food’s power in global and national security”. Invited Presentation: *10<sup>th</sup> Annual Spring Symposium*, Global and National Security Policy Institute and National Security Studies Program, UNM, Albuquerque, New Mexico.
- Duvall, C.S. September 24, 2018. “A geography of cannabis”. *UNM Alumni Association, Homecoming Events Series*, UNM, Albuquerque, New Mexico.
- Duvall, C.S. April 20, 2018. “Why is cannabis illegal? The pathway leads to colonial Africa”. *Department of Geography and Environmental Studies Colloquium Series*, UNM, Albuquerque, New Mexico.
- Duvall, C.S. April 2, 2018. “Food’s multiple roles in global and national security”. Invited Presentation: *9<sup>th</sup> Annual Spring Symposium*, Global and National Security Policy Institute and National Security Studies Program, UNM, Albuquerque, New Mexico.
- Duvall, C.S. April 5, 2017. “Food and global security”. Invited Presentation: *8<sup>th</sup> Annual Spring Symposium*, Global and National Security Policy Institute and National Security Studies Program, UNM, Albuquerque, New Mexico.

- Duvall, C.S. March 29, 2017. "Making dagga: A historical geography of tobacco, cannabis, and smoking". Invited Workshop: *Spatial Humanities Working Group*, UNM, Albuquerque, New Mexico.
- Duvall, C.S. October 23, 2014. "Work and drugs: The origins of marijuana in the Atlantic World". Invited Presentation: *Lightning Lounge Research Presentations Series*, Office of the Associate Provost for Faculty Development, UNM, Albuquerque, New Mexico.
- Duvall, C.S. September 9, 2011. "Did Africans introduce *Cannabis* to Brazil?". Invited Presentation: *Brownbag Lecture Series*, Department of Geography, UNM, Albuquerque, New Mexico.
- Duvall, C.S. April 25, 2011. "Did Africans introduce *Cannabis* to Brazil? Considering evidence and arguments in the historical geography of the Atlantic World". Invited Presentation: *Students of Latin American Studies Lecture Series*, Latin American and Iberian Institute, UNM, Albuquerque, New Mexico.
- Duvall, C.S. November 16, 2010. "Context matters, but what is context? Geographic perspectives on food environments and public health". Invited Lecture: *Public Health Seminar Series*, Masters of Public Health Program, UNM, Albuquerque, New Mexico.
- Duvall, C.S. October 1, 2010. "What is animal?". Invited Panelist: *Comparative Literature and Cultural Studies Program Annual Roundtable Discussion*, UNM, Albuquerque, New Mexico.
- Duvall, C.S. October 5, 2007. "A Maroon legacy? Sketching the historical geography of live fences in Latin America". Invited Lecture: *Center for the Advanced Study of International Development Seminar Series*, Michigan State University, East Lansing, MI.
- Duvall, C.S. February 5, 2003. "Questioning the dominant representation of vegetation history in Mali". Invited Lecture: *African Studies Seminar Series*, University of Wisconsin, Madison, WI.

### Planning and Organizing Professional Presentations

#### Session Organizer and Chair:

[Conference cancelled: Cannabis Geographies 1: California's Transformation. *Association of American Geographers 116<sup>th</sup> Annual Meeting*, Denver, CO, April 6-10, 2020.]

[Conference cancelled: Cannabis Geographies 2: Placemaking. *Association of American Geographers 116<sup>th</sup> Annual Meeting*, Denver, CO, April 6-10, 2020. (with Noah Silber-Coats)]

[Conference cancelled: Cannabis Geographies 3: International Connections. *Association of American Geographers 116<sup>th</sup> Annual Meeting*, Denver, CO, April 6-10, 2020.]

Landscape Change in the Atlantic World, Part 1: African Connections. *Association of American Geographers 106<sup>th</sup> Annual Meeting*, Washington, DC, April 14-18, 2010.

Landscape Change in the Atlantic World, Part 2: European Connections. *Association of American Geographers 106<sup>th</sup> Annual Meeting*, Washington, DC, April 14-18, 2010.

Historical Ecology 1: Plant Distributions. *Association of American Geographers 103<sup>rd</sup> Annual Meeting*, San Francisco, CA, April 16-21, 2007. (with Antoinette WinklerPrins)

#### Session Organizer:

Historical Ecology 2: Land Management Practices. *Association of American Geographers 103<sup>rd</sup> Annual Meeting*, San Francisco, CA, April 16-21, 2007. (with Antoinette

WinklerPrins)

Historical Ecology 3: Constructing and Manifesting Historical Ecologies. *Association of American Geographers 103<sup>rd</sup> Annual Meeting*, San Francisco, CA, April 16-21, 2007.

(with Antoinette WinklerPrins)

Applied Biogeography and Cultural Ecology in Semi-arid Africa. *Association of American Geographers 102<sup>nd</sup> Annual Meeting*, Chicago, IL, March 5-10, 2006. (with Paul Laris)

Session Chair:

Environmental History and Policy, Session 1. *African Studies Association 49<sup>th</sup> Annual Meeting*, San Francisco, CA, November 16-19, 2006.

### *Awards*

#### Research and Travel Grants

- 2021 Research Grant (Co-PI; W. Greyeyes, PI; B. Romero and L. Tsinnajinnie, CoPIs), \$10,000, UNM Center for Regional Studies Research Grant Program: “New Mexico Indigenous Land Mapping Pilot Project”
- 2018 Workshop Grant (Invited Participant; K. Zimmerer and K. Seto, PIs), approximately \$50,000, Pursuit Workshop Grant Program, National Social-Environmental Synthesis Center (SESYNC): “Linkages of Agrobiodiversity in Urban Systems and Food-Producing Landscapes”
- 2014 Research Grant (Consultant; P. Laris, PI), \$250,000, National Science Foundation, Geography and Spatial Sciences Program: “Creating Woodlands: Integrating Land-Use Practices and New Savanna Models”
- 2010 Travel Grant, \$1000, College of Arts and Sciences, UNM
- 2010 Research Grant (PI), \$19,775, Robert Wood Johnson Center for Health Policy Research: “Geographic Information Tools for Assessing Spatial Relationships Between Food Accessibility, Food Availability, and Diet-Related Public Health”
- 2010 Travel Grant, \$235, College of Arts and Sciences, UNM
- 2008 Research Grant (PI), \$3,799, Research Allocations Committee, UNM: “Sandstone biogeography in the southern Colorado Plateau, New Mexico”
- 2005 Vilas Travel Grant, \$600, University of Wisconsin, Madison [declined]
- 2005 Research Grant (Co-PI), €83,000, Ministère de l’Ecologie et du Développement Durable (République Française): “Les failles et forêts-galeries au sud du Mali comme refuges de faune et flore guinéenes en zone soudanienne”
- 2003 Research Grant (Co-PI), \$16,000, Great Ape Conservation Fund of United States Fish and Wildlife Service: “Spatial assessment of chimpanzee population and habitat in the Bafing Protected Areas, Mali”
- 2003 Research Grant (Co-PI), \$5,000, Primate Action Fund of Conservation International: “Spatial assessment of chimpanzee habitat in the Bafing Protected Areas, Mali”
- 2003 Research Grant (PI), \$2,000, Zoological Society of Milwaukee County: “Chimpanzee population density in the Bafing Protected Areas, Mali”
- 2003 Research Grant (PI), \$700, Association of American Geographers Biogeography Specialty Group: “Spatial assessment of chimpanzee habitat in southwestern Mali”

- 2003 Research Fellowship (PI), \$15,000, Wildlife Conservation Society: “Spatial assessment of chimpanzee habitat in the Bafing Protected Areas, Mali”
- 2003 Travel Grant, \$200, Department of Geography, University of Wisconsin, Madison
- 2001 Travel Grant, \$200, Department of Geography, University of Wisconsin, Madison
- 2001 Grant-in-Aid of Research (PI), \$500, Sigma Xi Scientific Research Society [declined]

#### Curriculum Development Grants

- 2020 Implementation Fellowship, \$4,000, Expanding Course-Based Undergraduate Research Experiences (ECURE) Project, Office of the Provost, UNM: “Building Research into Geog 1160L: Home Planet Lab”
- 2018 Core Curriculum Development Fellowship, \$3,000, Office of the Associate Provost for Instruction and Assessment, UNM: “Incorporating Indigenous and Global Perspectives in Science, in Geog 101: Home Planet”
- 2017 Summer Institute Grant (Co-PI, B. Milne, PI), \$140,000, Young African Leaders Institute, IREX Mandela Washington Fellowship Program, U.S. Department of State: “Sustainable Entrepreneurship”
- 2010 Course Development Grant (PI), \$4,000, Title VI Funding, Latin American and Iberian Studies Institute, UNM: “Geography 515: Cultural and Political Ecology of Afro-Brazil”
- 2010 Curriculum Development Grant (Co-PI, B. Milne, PI), \$300,000, U.S. Department of Agriculture, Hispanic-Serving Institutions Education: “Collaborative for Sustainable Foodsheds”

#### Service Grants

- 2020 Graduate Teaching Assistant Award, approximately \$10,000, UNM Arts and Sciences: “Summer Teaching Assistant Support for Online General Education Course Development”
- 2018 Graduate Recruitment Funding Award, approximately \$5,000, UNM Office of Graduate Studies: “GES Graduate Student Recruitment Funding Program”
- 2018 Graduate Assistant Funding Award, approximately \$6,000, UNM Office of Graduate Studies: “Support for Faculty to Develop Funding Proposals”

#### Research Proposals Not Funded

- 2020 Exhibit Grant (Consultant; R. Hernández, UC-Riverside, PI), \$12,000, Getty Foundation, Art x Science x LA Program, “The M Word: Marijuana in the Global Circuits of Medicine” [proposed exhibit at Riverside Art Museum]
- 2017 Research Grant (co-PI; M. Axelrod, UNM, PI), \$100,000, National Endowment for the Humanities, Awards for Faculty at Hispanic-Serving Institutions: “Querencias: Stories of Migration in New Mexico”
- 2017 Research Grant (co-PI; M. Axelrod, UNM, PI), \$100,000, PNM Foundation, Public Service Company of New Mexico: “The Power of New Mexico Migration Stories”
- 2016 Writing Fellowship, six-month period (approx.. \$40,000), Rachel Carson Center, Ludwig-Maximilians-Universität, Munich, Germany: “Cannabis, environment, and society in Africa and the Atlantic World, 1500-1940”



- 2015 Research Semester Support, approx. \$15,000, Career Advancement Semester program, College of Arts and Sciences, UNM
- 2014 Research Fellowship (PI), approx. €11,000, Fulbright U.S. Scholar Program, Portugal: “Labor and Drugs in the Portuguese Atlantic: Colonial Angola’s *Liamba* Tradition of Drug Use” [selected by U.S. national committee; awarded “Alternate” status by Portuguese national committee]
- 2014 Research Grant (PI), \$50,400, National Endowment for the Humanities, Awards for Faculty at Hispanic-Serving Institutions: “Medication, Migration, and Marginality in the Atlantic World until 1940”
- 2014 Research Fellowship (PI), \$50,400, National Endowment for the Humanities, Faculty Fellowships Program: “Medication, Migration, and Marginality in the Atlantic World until 1940”
- 2012 Conference Participation Grant (PI), \$2,000, Weatherford Initiative on Global History, Harvard University: “‘It gives them strength and vigour’: Drug *Cannabis* and the expansion of exploitative labor regimes in the Atlantic World”
- 2012 Research Grant (Consultant; R. Valdez, UNM, PI), \$250,000, NIH P-20 Planning Proposal: “Spatial Relationships of Obesity in the Southwest Borderlands”
- 2011 Research Grant (Co-PI; E. Yakes, UNM, PI), \$702,000, National Institutes of Health, Centers of Excellence Program (P20): “Disparities in Food Environments in the Southwestern Border Region”
- 2011 Research Grant (PI), National Science Foundation, Geography and Spatial Sciences Program, \$163,000: “Regime Change: African Roles in Central American Livestock Management, 1520-1821”
- 2011 Library Research Grant (PI), University of Florida Libraries and Latin American Studies Center, \$1,250
- 2010 Workshop Support Grant (Co-PI; B. Milne, UNM, PI), National Science Foundation, \$62,000: “Towards a New Paradigm Linking Water, Sustainable Agriculture, and Climate”
- 2009 Research Grant (Subcontracting Co-PI; P. Howard, Michigan State univ., PI), U.S. Department of Agriculture, CSREES Program, \$1.49 million (subcontract = \$341,000): “Young adult body mass and proximity to nutrient-dense foods”
- 2008 Research Grant (PI), Committee for Research and Exploration, National Geographic Society, \$21,000: “Historical ecology of agroforestry parkland in southwestern Mali”
- 2006 Postdoctoral Fellowship (Proposed Grantee; P. Birnbaum, CIRAD-Montpellier, Proposed Host), International Research Fellowship Program, National Science Foundation, \$157,539: “Phylogeography of Trees Affected by Climate Change and Human Activities in Sudanian West Africa”

#### Research Awards and Honors

- 2010 First Place Poster Presentation, 73<sup>rd</sup> Annual Meeting of the Rural Sociological Society (P. Howard presented, with co-authors C. Duvall and K. Goldsberry)
- 2008 J. Warren Nystrom Dissertation Award, Association of American Geographers
- 2002 A.C. Jordan African Studies Essay Prize, University of Wisconsin, Madison
- 2001 Second, Student Research Competition, California State University System
- 2001 Winner, Student Research Competition, San José State University

- 1994 College, Department, and Thesis Honors, University of California, Santa Cruz  
 1991 Dean's List of High Honors, University of Hawaii, Hilo

### Professional Recognitions

- 2014 Nominee, Election for National Councilor, Association of American Geographers  
 2000 Director's Award for Service, San Francisco Conservation Corps

### Academic Scholarships

- 2006 University Dissertator Fellowship, University of Wisconsin, Madison  
 2003 Pauline Duvall Memorial Scholarship, Duvall Scholarship Foundation  
 2002 University Fellowship, University of Wisconsin, Madison  
 2001 Foreign Language and Area Studies Fellowship, University of Wisconsin, Madison  
 1999 Graduate Equity Fellowship, San José State University  
 1999 Viola Ruth Perkins Memorial Scholarship, San José State University  
 1993 Education Abroad Program Alumni Scholarship, University of California

### Research Relationship

- 2013 Research Partnership (Co-PI; Elizabeth Yakes, PI): Albuquerque Public Schools, New Mexico Department of Health, and UNM Faculty in Economics, Family and Community Medicine, Geography, and Political Science: "Analysis of BMI and school nurse data from students in a New Mexico School District" [this relationship enables exchange of complementary data sets and the development of future proposals for diet-related public health in Albuquerque]

## *Teaching Experience and Training*

### Teaching Awards

- 2021 Nominee, Presidential Teaching Fellow and Outstanding Teacher of the Year, Center for Teaching Excellence, UNM  
 2020-2021 ECURE Implementation Fellow, Office of the Associate Provost for Instruction and Assessment, UNM  
 2019-2020 Core Curriculum Development Fellow, Office of the Associate Provost for Instruction and Assessment, UNM.  
 2012 Accessibility Resource Center, Outstanding Faculty Member Recognition, UNM

### Teaching Experience as Instructor

Course [course level]	Institution	No. of Semesters	No. of Students	Total Credit Hours

Course [course level]	Institution	No. of Semesters	No. of Students	Total Credit Hours
Geog. 1160: Home Planet [undergrad.], formerly Geog 101: Introduction to Physical Geography	Univ. of New Mexico	11	1,466	4,398
Geog. 1160L: Home Planet Lab [undergrad.], formerly Geog 105L: Intro. to Physical Geography Lab	Univ. of New Mexico	2	177	177
Geog. 281L: Survey of Geographic Information Science [undergrad.]	Univ. of New Mexico	3	47	188
Geog 350: Physical Landscapes [undergrad.]	Univ. of New Mexico	1	19	57
Geog 464/564: Food and Natural Resources [undergrad. and grad.]	Univ. of New Mexico	11	337	1,011
Geog 471: Applied Geography Seminar [undergrad.]	Univ. of New Mexico	8	116	328
Geog 499: Environmental Security: The COVID-19 Pandemic [undergrad. and grad.]	Univ. of New Mexico	1	31	93
Geog 499: Environmental Security: Food and Water [undergrad. and grad.]	Univ. of New Mexico	1	22	66
Geog 501: Geographic History and Methods [grad.]	Univ. of New Mexico	1	8	24
Geog 515: Cultural and Political Ecology [grad.]	Univ. of New Mexico	8	64	192
Integrated Social Studies 330a: People and the Environment [undergrad.]	Michigan State Univ.	2	225	675
Geog. 873: Seminar in Human-Environment Geography [grad.]	Michigan State Univ.	1	8	24
Integrated Social Studies 330a: Social Science Perspectives on Africa [undergrad.]	Michigan State Univ.	2	50	150
Geog. 339: Environmental Conservation [undergrad.]	Univ. of Wisconsin	1	140	420

Totals, all semesters:      2,710      7,803

#### Teaching Experience as Teaching Assistant

Date	Course [course level]	Institution	No. of Semesters	No. of Students
Spring 2006	Geog. 339: Environmental Conservation [undergrad.]	Univ. of Wisconsin	1	75

Date	Course [course level]	Institution	No. of Semesters	No. of Students
AY 2002-2003	Geog. 127: Introduction to Physical Geography [undergrad.]	Univ. of Wisconsin	1	90

### Supervision of Graduate and Undergraduate Independent Study Courses

UNM courses shown with earned credit hours (crs.) per semester:

<i>Spring 2021</i>	Geog 491: 1 student, 3 crs.		
<i>Spring 2020</i>	Geog 491: 1 student, 3 crs.	<i>Summer/ Fall 2020</i>	Geog 491: 3 students, 9 crs.
<i>Spring 2019:</i>	Geog 597: 1 students, 3 crs.	<i>Summer/ Fall 2019:</i>	Geog 597: 1 students, 3 crs. Geog 591: 1 student, 3 crs.
<i>Spring 2018:</i>	Geog 599: 2 students, 6 crs. Geog 491: 1 student, 3 crs.	<i>Summer/ Fall 2018:</i>	No students
<i>Spring 2017:</i>	Geog 599: 3 students, 9 crs. Geog 493: 3 student, 5 crs.	<i>Summer/ Fall 2017:</i>	Geog 599: 2 students, 6 crs. Geog 597: 1 student, 3 crs. Geog 493: 1 student, 3 crs.
<i>Spring 2016:</i>	Geog 491: 2 studeants, 2 crs.	<i>Summer/ Fall 2016:</i>	Geog 599: 4 students, 12 crs.
<i>Spring 2015:</i>	Geog 491: 1 student, 3 crs. Geog 599: 3 students, 9 crs.	<i>Summer/ Fall 2015:</i>	Geog 599: 1 student, 3 crs.
<i>Spring 2014:</i>	Geog 491: 1 student, 3 crs. Geog 599: 3 students, 9 crs.	<i>Summer/ Fall 2014:</i>	Geog 591: 1 student, 3 crs. Geog 599: 3 students, 9 crs.
<i>Spring 2013:</i>	Geog 593: 1 student, 3 crs. Geog 599: 4 students, 8 crs.	<i>Summer/ Fall 2013:</i>	Geog 491: 1 student, 3 crs. Geog 599: 4 students, 12 crs.
<i>Spring 2012:</i>	Geog 491: 1 student, 3 crs. Geog 493: 1 student, 3 crs. Geog 593: 1 student, 3 crs. Geog 599: 1 student, 3 crs.	<i>Fall 2012:</i>	Geog 491: 2 student, 6 crs. Geog 591: 2 student, 6 crs. Geog 599: 4 students, 12 crs.
<i>Spring 2011:</i>	Geog 491: 1 student, 3 crs. Geog 599: 2 student, 6 crs.	<i>Summer/ Fall 2011:</i>	Geog 491: 2 students, 6 crs. Geog 599: 2 students, 6 crs.
<i>Spring 2010:</i>	Geog 599: 1 student, 3 crs.	<i>Summer/ Fall 2010:</i>	Geog 491: 4 students, 12 crs. Geog 599: 2 students, 6 crs.
<i>Spring 2009:</i>	Geog 494: 1 student, 3 crs. Geog 592: 1 student, 3 crs.	<i>Fall 2009:</i>	Geog 491: 1 student, 3 crs.
		<i>Fall 2008:</i>	Geog 493: 1 student, 3 crs.

Total students, all semesters: 73

Total credit hours, all semesters: 213

### Pedagogical Training

Date	Training topic	Length	Institution
4/2021	Post-pandemic Pedagogy	7 hrs.	Univ. of New Mexico
7/2020 to 8/2020	Expanding Course-Based Undergraduate Research Experiences Project Summer Institute	16 hrs.	Univ. of New Mexico
3/2020 to 5/2020	Evidence-Based Practices for Teaching Online	6 wks.	Univ. of New Mexico
1/2012	Using collaborative learning classrooms	1.5 hrs.	Univ. of New Mexico
4/2010	Assigning and responding to student writing	2 hrs.	Univ. of New Mexico
1/2010	Designing courses for effective student learning	12 hrs.	Univ. of New Mexico
11/2009	Teaching effectively with PowerPoint	2 hrs.	Univ. of New Mexico
4/2009	Using writing to assess student learning	3 hrs.	Univ. of New Mexico
3/2009	Enhancing courses with WebCT	2 hrs.	Univ. of New Mexico
4/2008	Active learning in large classes	3 hrs.	AAG
4/2008	Teaching critical thinking using ArcGIS	3 hrs.	AAG
12/2007	Writing and evaluating tests	3 hrs.	Michigan State Univ.
11/2007	Using case studies in teaching	3 hrs.	Michigan State Univ.
10/2007	Group work in large classes	3 hrs.	Michigan State Univ.
4/2007	Accommodating diverse learning styles	2 hrs.	AAG
3/2007	Apathy and the psychology of learning	3 hrs.	Michigan State Univ.
3/2007	Theatrical conventions in lecturing	3 hrs.	Michigan State Univ.
6/2006	Pedagogy and academic career management (GFDA Workshop)	1 week	Univ. of Colorado

### Student Mentoring and Advisement

(unless otherwise indicated, all students at the UNM)

*Doctoral students: Member of dissertation and/or comprehensive exam committee*

In Progress:

Adam Polk, progressing in History Ph.D. program; dissertation committee

Javier Astorga Villaroel, progressing in Latin American Studies Ph.D. program; dissertation committee

2020 degree date:

Jeff Hoffman, Ph.D. (Communication and Journalism); dissertation title: "Farmers' place-based discourse about water relations: Hybridity, water governance, and multispecies survival"

2019 degree date:

Michael Ayala Ayala, Ph.D. (Latin American Studies); dissertation title: "How do farmers experience agroecology in rural communities of the Northern Andes of Ecuador?"

Ursula Freire Castro, Ph.D. (Latin American Studies); dissertation title: "Climate in Architecture: Revision in Early Origins"

Mariko Thomas, Ph.D. (Communication and Journalism); dissertation title: "Cartographies of Roots: An Exploration of Plant Communication, Place, and Story"

Susmitha Udayan, Ph.D. (Foreign Languages and Literatures [French]); dissertation title: "Narrating Refugee Lives: Political Asylum in 21<sup>st</sup>-Century France"

2018 degree date:

José Castro Sotomayor, Ph.D. (Communication and Journalism); dissertation title: "Translating Global Nature in Transboundary Sites: Environmental Discourses of Place and Space at the Border between Ecuador and Colombia"

2012 degree date:

Judith Van Der Elst, Ph.D. (Anthropology); dissertation title: "Investigating epistemological implications of geospatial representation in the making of histories of the Pueblos, using an exploratory mixed methods approach"

2007 degree date:

Bilal Butt, Ph.D. (Geography), Michigan State University; dissertation title: "Grazing on the edge: Cattle mobility, ecology and Maasai herding in Southern Kenya"

Non-Graduated students:

Karen Gaines, UNM Department of Biology; dissertation committee member, 2008-2010

Itai Roffman, Institute of Evolution, University of Haifa, Israel; dissertation committee member, 2010-2012

*Master's students: Chair of thesis, professional project, or comprehensive exam committee*

2021 degree date:

Nicole Caruana, M.S. (Geography); thesis title: "Consumption of Pharmacological Substances: Examining Psilocybin and LSD through a Geographical Perspective"

2020 degree date:

Jackie Munro, M.A. (Latin American Studies); professional paper title: "Chronic Kidney Disease of Undetermined Causes in Chichigalpa, Nicaragua: Assessing the Actions and Impact of La Isla Foundation/Network"

2019 degree date:

Alexander Marx, M.S. (Geography); professional project title: "Neighborhood Revitalization through Urban Agriculture and Remote Sensing: GIS in the context of the Barelás Neighborhood in Albuquerque, New Mexico"

2018 degree date:

Hayley Hajic, M.S. (Geography); thesis title: "Water Quality Assessment in the Santa Fe River: Tracking Pollution Sources via Quantitative Polymerase Chain Reaction Analysis"

Anjanette Hawk, M.S. (Geography); thesis title: "Impact of Drought on Land Cover Changes in Diné Bikéyah – A Study through Remote Sensing"

2017 degree date:

Aaron Russell, M.S. (Geography); thesis title: "Subjectivity of Solar Power: Using Q Methodology to Evaluate Perceptions of Solar Energy Projects in the San Luis Valley"

Sagert Sheets, M.S. (Geography); professional project title: "Implementing the Distance Decay Function in an Enhanced Two-Step Floating Catchment Area Analysis and Interpreting its Effect on Results: A Tool for Geographic Information Systems"

2015 degree date:

Bryan Kinworthy, M.S. (Geography); thesis title: "New Mexico Rock Glacier Inventory: Periglacial Geomorphology and Paleoclimate"

Joseph Leestma, M.A. (Latin American Studies); thesis title: "From America to Africa and Back: Manioc, Biological Diffusion, and the Early Atlantic World"

Roberto Valdez, M.S. (Geography); thesis title: "A Case Study in Toponymy: Sampling and Classifying a Tri-lingual Place Name Inventory Found in North-Central New Mexico"

2014 degree date:

Maureen Meyer, M.S. (Geography); thesis title: "Since I Know Myself: A Cultural Examination of Medicinal Plant Use in the Commonwealth of Dominica"

2013 degree date:

Stephen Griego, M.S. (Geography); thesis title: "Restaurant Regions: An Ecological Community-Based Model of Restaurant Chain Distribution in the United States (2007)"

Kris Lindgren, M.S. (Geography); professional project title: "Humate Potential in the San Juan Basin of New Mexico: An Assessment of Digital Terrain Analysis and Multispectral Analysis Techniques as Applied to Exploration Targeting" [Student awarded departmental distinction]

William Maxwell, M.S. (Geography); thesis title: "To Thrive, Work, and Live: Progress toward and Challenges to Sustainability on the Frei Gondim Settlement, Pernambuco, Brazil" [Student awarded departmental distinction]

2012 degree date:

Autumn Carr, M.S. (Geography); professional project title: "Intelligence Assessment of Iran's Internal Economy"

2011 degree date:

Katherine Lenzer, M.S. (Geography); thesis title: "Characterizing the Local Food Environment in Albuquerque, New Mexico: A Dual Perspective of Retailer and Consumer" [Student awarded departmental distinction]

*Master's students: Member of thesis, professional project, or comprehensive exam committee*

Degrees in progress:

Alexandra Villegas, M.A. program (Latin American Studies); comprehensive exam committee

2020 degree date:

Tucker Colvin, M.S. program (Geography); thesis title: "Drinking Water Governance for Whom? An Institutional Analysis of Rural Drinking Water Systems in New Mexico"

2019 degree date:

Santiago Carrasco Garcia, M.A. program (Latin American Studies); comprehensive exam committee

Kristian Mueller, M.S. program (Geography); thesis title: "Assessing How Terrain Representations and Scale Affect the Accuracy of Distance Estimates"

Hayley Pedrick, M.A. program (Latin American Studies); professional paper title: "Hybridization on the Table: *Feijoada* in 1930s Brazil"

Jacob Wikle, M.S. program (Geography); professional project title: "Drone Based Aerial Survey: Using Drones to Replace Traditional Field Survey Methods for Determining Peak Streamflow"

2018 degree date:

Courtney Brock, M.S. (Geography); thesis title: "Urban Animals: GIS Analysis of Stray Canines and Felines in Albuquerque, New Mexico"

Ryan Edgington, M.P.A. (School of Public Administration); professional paper title: "This Land Is Your Land: The Battle for Access to Golden Gate National Recreation Area"

Hanes Motsinger, M.S. (Geography); thesis title: "Virtuous Discourse in the Specialty Coffee Sector: How Social Responsibility Practices Fragment Pursuits for a Sustainable Supply Chain"

Jack Orozco, M.S. (Nutrition and Dietetics); professional paper title: "The Use of Cannabidiol as an Adjunct Therapy for the Treatment of Combat-related PTSD"

2017 degree date:

Jacqueline Kramer, M.A. (Latin American Studies); comprehensive exam and thesis committee; thesis title: "Drinking our Stories: Food Sovereignty in Ecuador and Amazonian Runa Relations with Manioc and Guayusa"

Jordan Stone, M.S. (Geography); thesis title: "Forests on the Edge: Forest Restoration and Concepts of Nature in Northern New Mexico"

2016 degree date:

Erinn Manning, M.S. (Geography); professional project title: "Revisiting the Atlas: A New GIS/CAC Workflow for the Creation of the U.S. Forest Service's Forest Atlases"

2015 degree date:

Jennie Greb, M.A. (Latin American Studies); comprehensive exam committee

2014 degree date:

Cristiana Baca-Bosiljevic, M.S. (Geography); thesis title: "Connecting People and Place: Farmers, Resilience, and the Future of Smallholder Farms in Albuquerque"

2013 degree date:

Imogen Ainsworth, M.S. (Geography); professional project title: "Resilience Thinking and Adaptive Capacity in a Preliminary Assessment of Climate Change and the Santa Fe Watershed"

Michael Chang, M.S. (Biology); thesis title: "Scaling of Crop Diversity and Optimal Allocation of Foodshed Infrastructure"

Erin Marchand, M.S. (Geography); thesis title: "The Effect of Geography and Personal Experience on Attitudes and Perceptions of the Mexican Gray Wolf Reintroduction"

Martin Martinez, M.S. (Geography); professional project title: "Agriculture in the Middle Rio Grande: Crop Diversity as a Method of Promoting Resilience and Sustainability in the Event of Prolonged Drought"

2012 degree date:

Sarrah Kubinec, M.S. (Geography); professional project title: "Project Assessment and Process Recommendations for Possible Wilderness Designation of El Río Grande del Norte National Conservation Area"

Choongman Oh, M.S. (Geography); thesis title: "Evacuation Vulnerability Mapping Using GIS Network Analysis"

Knutt Peterson, M.S. (Geography); thesis title: "Remediation of Sand Dune Blowouts along Pipeline Right-of-Ways"

Susan Staley, M.A. (Latin American Studies); comprehensive exam committee

2010 degree date:

Natalie Heberling, M.S. (Geography); thesis title: "Prehistoric Roads of New Mexico: A Synthesis of GIS and Remote Sensing Techniques"



Drew Ignizio, M.S. (Geography); thesis title: "Suitability Modeling and the Location of Utility-Scale Solar Power Plants in the Southwestern United States"

2009 degree date:

Calvin Tribby, M.S. (Geography); thesis title: "Assessing the Effects of New Public Transportation Routes: An Equity Analysis on the Changing Accessibility of Albuquerque, New Mexico"

2008 degree date:

Joel Gruley, M.S. (Geography), Michigan State University; thesis title: "'Framing' Darfur: Representations of Conflict, People, and Place in the New York Times and Washington Post, 2004"

Audrey Joslin, M.S. (Geography), Michigan State University; thesis title: "The Negotiation Between Conservation and Development Objectives in Agrarian Reform Settlements in the South of Pará, Brazil"

*Bachelor's students: Chair of Honors thesis committee*

2016 degree date:

Heleene Tabet, B.S. Honors (Geography); thesis title: "AGRA and African agriculture: Discourse about crop diversity in development initiatives, and the case of finger millet"

2012 degree date:

Garrett Denmark, B.S. Honors (Geography); thesis title: "Constraints of Sustainability within the Craft Brewing Industry Based on Geographical Location"

Jonathan Nelson, B.S. Honors (Geography); thesis title: "Jim Crow Alive and Well in U.S. Marijuana Law Enforcement" [This thesis was a poster-sized map.]

2010 degree date:

Chris Sylvan, B.S. Honors (Geography); thesis title: "Accuracy in Geographic Data on Concentrated Animal Feeding Operations (CAFOs) in New Mexico"

2010 degree date:

David Jacobs, B.S. Honors (Geography); thesis title: "The Glass Graveyard: Albuquerque's First Dump"

*Bachelor's students: Member of Honors thesis committee*

2009 degree date:

Jasmine Bennett, B.S. Honors (Geography); thesis title: "Water Management in Northern New Mexico"

Course Development

- |         |   |
|---------|---|
| 1/2021  | Developed new course for teaching in an online, asynchronous format: Geog 499: Environmental Security: Food and Water, UNM        |
| 10/2020 | Developed new course for teaching in an online, asynchronous format: Geog 499: Environmental Security: The COVID-19 Pandemic, UNM |
| 8/2020  | Adapted course for teaching in an online, asynchronous format: Geog 1160L: Home Planet Lab, UNM                                   |
| 8/2013  | Adapted course for teaching in collaborative learning classroom: Geog 471: Applied Geography Seminar, UNM                         |

8/2012	Adapted course for teaching in collaborative learning classroom: Geog 464/564: Food and Natural Resources, UNM
1/2012	Adapted course for teaching in collaborative learning classroom: Geog 350: Physical Landscapes, UNM
9/2010	New course proposal: Geog. 515: Cultural and Political Ecology of Afro-Brazil, UNM
9/2008	New course proposal: Geog. 464/564: Food and Natural Resources, UNM
9/2008	New course proposal: Geog. 350: Physical Landscapes, UNM
9/2007	New course proposal: Geog. 410: Geography of Food and Agriculture, Michigan State University

### Guest Lecturing Experience

Date	Course	Topic	Institution
10/26/2020	Geography 1175: World Regions (Prof. Miriam Gay-Antaki)	Colonialism in Africa	Univ. of New Mexico
9/5/2019	Geography 180: Geography of Beer (Prof. joni palmer)	Beer in Africa	Univ. of New Mexico
2/5/2019	Communication and Journalism 293: Cannabis and Communication (Prof. Tamar Ginossar)	Legal history of cannabis	Univ. of New Mexico
11/13/2018	International Studies 101: Intro. to International Studies (Prof. Ian Stewart)	Plants and people	Univ. of New Mexico
9/13/2018	Geography 180: Geography of Beer (Prof. Maria Lane)	Beer in Africa	Univ. of New Mexico
2/19/2018	Liberal Arts and Integrative Studies 309: Global, National and Human Security (Prof. Ken Carpenter)	Food security	Univ. of New Mexico
9/14/2017	Geography 180: Geography of Beer (Prof. Maria Lane)	Beer in Africa	Univ. of New Mexico
11/18/2014	Biology 402/502: Human Dimensions of Natural History (Prof. Joe Cook)	Plant dispersal	AIM-UP project, Univ. of New Mexico
8/26/2011	Land Arts of the American West program (Prof. Bill Gilbert)	Food maps	Univ. of New Mexico
1/27/2011	Geography 350: Physical Landscapes (Cody Wiley, Lecturer)	Field research	Univ. of New Mexico
3/3/2010	Geography 350: Physical Landscapes (Cody Wiley, Lecturer)	African parklands	Univ. of New Mexico
3/1/2010	Geography 350: Physical Landscapes (Cody Wiley, Lecturer)	Anthromes	Univ. of New Mexico
11/25/2008	Geography 356: Biogeography (Cody Wiley, Lecturer)	Human biogeography	Univ. of New Mexico
4/12/2007	Political Science 344: Politics in the Third World (Prof. Ravi Bhavnani)	Resource scarcity	Michigan State Univ.
2/20/2007	Geography 401: Geography of Plants in North America (Prof. Catherine Yansa)	Ecological disturbance	Michigan State Univ.

Date	Course	Topic	Institution
3/4/2006	Geography 277: Africa (Prof. Madeleine Wong)	Food and agriculture	Univ. of Wisconsin
10/7/2005	Geography 675: Agroecology (Prof. Karl Zimmerer)	Indigenous knowledge	Univ. of Wisconsin
3/5/2000	Environmental Studies 117: Human Ecology (Prof. Gary Klee)	African farming	San José State Univ.

### Continuing Education

Date	Course	Institution
10/2018	Green Zone Training [1.5 hours]	Veterans Resource Center, UNM
3/2018-4/2018	Citizen's Academy [36 hours]	Albuquerque Division, Federal Bureau of Investigation
10/2016	Presenting Data and Information [6 hours]	Edward Tufte, and Graphics Press [training held in Albuquerque, NM]
2/2015	Trained mediator, Basic Mediation Skills Training [36 hours]	UNM Ombuds/Dispute Resolution Services for Faculty, Univ. of New Mexico
3/2012	Creative Visualization Workshop [2 hours]	Employee Training Program, Counseling and Referral Services, UNM
11/2011	LGBTQ Safe Zone Training [8 hours]	LGBTQ Resource Center, UNM
6/8/2011	Foodprints and Foodsheds Workshop: Tools for Evaluating the Sustainability of Dietary Patterns and the Geography of the Food System [6 hours]	Cornell University, Salisbury University, Tufts University, and UNM
Spring 2010	Medical Herbalism 101: Foundations [36 hours]	Department of Continuing Education, UNM

### *Professional Service*

#### Departmental Service

7/2019-present	Department of Geography and Environmental Studies, UNM Department Chair
9/2018-4/2019	Department of Geography and Environmental Studies, UNM Member, GIScience Assistant Professor Search Committee
8/2017-3/2019	Department of Geography and Environmental Studies, UNM Graduate Program Director
8/2015-5/2019	Department of Geography and Environmental Studies, UNM Personnel Committee Member
10/2013-8/2015; and 8/2018-6/2019	Department of Geography and Environmental Studies, UNM Associate Chair

- 8/2017-5/2018 Department of Geography and Environmental Studies, UNM  
Ad Hoc Strategic Planning Committee Member
- 9/2008-8/2015; 8/2016-8/2017; and 1/2018-8/2018  
Department of Geography and Environmental Studies, UNM  
Physical Geography Lab Coordinator
- 8/2016-8/2017 Department of Geography and Environmental Studies, UNM  
Colloquium Series Coordinator
- 1/2016-5/2016 Department of Geography and Environmental Studies, UNM  
Acting Director, Graduate Program
- 11/2015-5/2016 Department of Geography and Environmental Studies, UNM  
Member, GIScience Assistant Professor Search Committee
- 2/2013-8/2015 Department of Geography, UNM  
Learning Outcomes Assessment Coordinator
- 9/2011-3/2012 Department of Geography and Environmental Studies, UNM  
Member, GIScience Assistant Professor Search Committee
- 9/2008-6/2010 Department of Geography and Environmental Studies, UNM  
Member, Departmental Chair Search Committee
- 12/2008-5/2009 Department of Geography and Environmental Studies, UNM  
Faculty Sponsor, Geography Graduate Student Association
- 8/2005-9/2006 Department of Geography, University of Wisconsin, Madison  
Human-Environment Discussion Group Coordinator
- 8/2002-6/2003 Department of Geography, University of Wisconsin, Madison  
Graduate Student Departmental Representative

### Campus Service

- 3/2021-present Global and National Security Studies Program, UNM  
Advisory Board Member, Community Safety & Human Security Certificate  
Program
- 9/2020-present Office of the Provost, UNM  
Member, Committee to Establish an Africana Studies Department
- 3/2017-present Global and National Security Policy Institute, UNM  
Member, Faculty Advisory Board
- 10/2016-present International Studies Institute, UNM  
Member, Faculty Advisory Board
- 11/2011-present LGBTQ Resource Center, UNM  
Certified Safe Zone Provider
- 1/2018-4/2021 Global Education Office, UNM  
Member, Faculty Advisory Board
- 4/2021 Center for Teaching Excellence, UNM  
Member, Teaching Assistant of the Year Award Committee
- 1/2021-2/2021 Sustainability Studies Program, UNM  
Member, Lecturer Promotion Review Committee
- 4/2020-5/2020 Center for Teaching Excellence, UNM  
Member, Affiliated Faculty Teacher of the Year Award Committee
- 10/2015-2/2020 Honors College, UNM

- Member, Tenure and Promotion Mentorship Committee [for one faculty member]
- 9/2019-4/2020 Latin American and Iberian Studies Institute, UNM  
Member, Grants and Awards Committee
- 3/2019-4/2019 College of Arts and Sciences, UNM  
Member, Hiring Committee for Director of International Studies Institute
- 3/2018-8/2018 Office of the Associate Provost for Faculty Development, UNM  
Member, Ad Hoc Committee for Academic Program Review Improvement
- 9/2016-5/2018 College of Arts and Sciences, UNM  
Member, Junior Tenure and Promotion Review Committee
- 10/2017-12/2017 Academic Program Review Program, Office of the Provost, UNM  
Review Team Member for the Review of the Department of Landscape Architecture
- 10/2017 International Studies Institute, UNM  
Fall 2017 Lecture Series Discussant for lecture by Esha Chiochio, “Mali and Community Building: Lessons for the Digital Age”
- 8/2016-8/2017 Latin American and Iberian Studies Institute, UNM  
Member, Grants and Awards Committee
- 8/2015-8/2017 Latin American and Iberian Studies Institute, UNM  
Member, Executive Committee [peer-elected position]
- 8/2013-8/2017 College of Arts and Sciences, UNM  
Member, Interdisciplinary Committee on Latin American Studies (ICLAS)
- 10/2016-12/2016 College of Arts and Sciences, UNM  
Member, Promotion and Tenure Review Committee
- 10/2011-5/2013 Office of the Associate Provost for International Initiatives, UNM  
Chair, Study Abroad Allocations Committee
- 8/2010-8/2013 Latin American and Iberian Studies Institute, UNM  
Member, Operations Committee
- 10/2011 Student-organized Teach-In in Support of (un)Occupy Albuquerque  
Presenter, “Does Food Matter in Social Change?” [public lecture]
- 4/2011-8/2011 UNM Faculty Senate  
Member, Ad Hoc Committee for International Affairs
- 8/2010-4/2011 Latin American and Iberian Studies Institute, UNM  
Member, Planning Committee for 2011 Greenleaf Colonial Studies Conference
- 12/2008-6/2009 UNM Faculty Senate  
Member, Campus Libraries Committee
- 8/2007-3/2008 Environmental Science and Policy Program, Michigan State University  
Member, Assistant Professor Search Committee
- 4/2006 University of Wisconsin, Madison, Residence Halls Programming Board  
Presenter for Climate Change Student-Resident Information Seminar

### Community Service

- 4/2019 Course Instructor for “A Cultural History of Cannabis”[three-hour course to 10 adult learners]

- 2/2018 Osher Lifelong Learning Institute, UNM  
Guest Activity Leader, Social Sciences Instructional Unit  
Sra. Walker's and Sra. Chavers' fourth-grade classes, Cien Aguas International School, Albuquerque, NM [led 48 students in a map-making exercise about the Columbian Exchange]
- 2/2017 Guest Activity Leader, Earth Science Instructional Unit  
Sra. Elder's and Sra. Garcia's third-grade classes, Cien Aguas International School, Albuquerque, NM [led 48 students in a map-making exercise about volcanoes]
- 1/2016 Guest Activity Leader, Geography Instructional Unit  
Sra. Nellos' and Sra. Arzate-Boyles second-grade classes, Cien Aguas International School, Albuquerque, NM [led 44 students in a map-making exercise on rivers]
- 11/2015 Guest Lecturer, "Marijuana in History and Health"  
Academy of Trades and Technologies Charter High School, Albuquerque, NM [provided a lecture to 120 students and 10 faculty on drug use]
- 11/2015 Guest Lecturer, "Marijuana in History and Health"  
Digital Arts and Technology Academy Charter High School, Albuquerque, NM [provided a lecture to 25 students and 6 faculty on drug use]
- 10/2015 Guest Lecturer, "*Cannabis* in World History"  
Gilbert Sena Charter High School, Albuquerque, NM [provided a lecture to 170 students and 20 faculty on historical geography]
- 10/2015 Guest Lecturer, "History of *Cannabis*"  
Gordon Bernell Charter High School, Albuquerque, NM [provided a lecture to 25 adult students and 10 faculty on historical geography]
- 2/2015 Guest Activity Leader, Biology Instructional Unit  
Sra. Gonzalez' first-grade class, Cien Aguas International School, Albuquerque, NM [provided a lecture to 22 students on biogeography]
- 1/2015 Guest Activity Leader, Earth Science Instructional Unit  
Sra. Elder's and Sra. Garcia's third-grade classes, Cien Aguas International School, Albuquerque, NM [led 48 students in a map-making exercise on plate tectonics]
- 3/2015, 3/2014, 3/2012 Judge, High School Behavioral and Social Sciences  
Central New Mexico Science and Engineering Challenge  
UNM STEM Education Outreach Programs
- 1/2014 Guest Activity Leader, Geography Instructional Unit  
Sra. Nellos' second-grade class, Cien Aguas International School, Albuquerque, NM [led 22 students in a map-reading exercise on world maps]
- 12/2013 Guest Activity Leader, Geography Instructional Unit  
Sra. Magill's kindergarten class, Cien Aguas International School, Albuquerque, NM [led 20 students in a map-making exercise on New Mexico geography]
- 4/2013 Guest Activity Leader, Geography Instructional Unit

- Sra. Flores' first-grade class, Cien Aguas International School, Albuquerque, NM [led 22 students in a map-reading exercise on world maps]
- 4/2012 Presenter, "Food and Energy: Does Local Matter?"  
Annual Youth Conference on the Environment, Sandia National Laboratories Environmental Outreach Program [delivered interactive lectures to four classes of 20 high school students per class]
- 7/2011 UNM College Prep Programs, and U.S. Department of Agriculture  
Presenter, "Food Shortages and Famines" for Agricultural Leadership Program [provided classroom teaching session to 35 high school students]
- 9/2010, 5/2010, 1/2011  
Presenter, "Human-Environment Relationships of Climate Change"  
Climate Masters Adult Education Program, Albuquerque Office, Environment Department, State of New Mexico [delivered 45-minute lecture to three classes of 25 adult students per class]

### National Service

- 2019 External Reviewer, Mid-probationary Review of an Assistant Professor, Department of Geography and Environmental Studies, University of Colorado–Colorado Springs
- 2015 Student Research Showcase of Sigma Xi, The Scientific Research Society  
Judge, Social and Behavioral Sciences
- 2014 Southwest Region of the Association of American Geographers  
Judge, Graduate Student Paper Competition
- 2014 Southwest Region of the Association of American Geographers  
Member, Local Organizing Committee
- 2010-2012 Association of American Geographers  
Member, Nystrom Award Committee
- 2008, 2009 Association of American Geographers, Biogeography Specialty Group  
Judge, Graduate Student Paper Competition

### International Service

- 1/2021-present Associate Editor  
*Frontiers in Sustainable Food Systems*, Board of Urban Agriculture (2 papers edited)
- 9/2019 International Union for the Conservation of Nature (IUCN)  
World Heritage Site Program  
Designation Proposal Reviewer, Holqa Sof Umar Caves, Ethiopia
- 6/2016 TRAFFIC Wildlife Trade Monitoring Network of the International Union for the Conservation of Nature (IUCN)  
16<sup>th</sup> meeting of the Conference of Parties to the Convention for the International Trade in Endangered Species (CITES)  
Reviewer for the Proposal to move *Pterocarpus erinaceus* from Appendix III to Appendix II of the CITES
- 8/2012 International Union for the Conservation of Nature (IUCN)

- World Heritage Site Program  
 Designation Proposal Reviewer, Bijagos Islands, Guinea-Bissau  
 8/2003-present IUCN Species Survival Commission Primate Specialty Group  
 Member, Great Ape Subsection  
 11/2007-12/2016 *African Journal of Ecology* (Blackwell Publishing)  
 Member, International Review Panel  
 9/2007-9/2012 *Taking Sides: Clashing Views on African Issues* (McGraw-Hill Publishing)  
 Member, Editorial Review Board

#### Grant Proposal Reviews (13 proposals)

- 2020 National Science Foundation, Geography and Spatial Science Program  
 2018 Economic and Social Research Council of the United Kingdom  
 2016 National Science Foundation, Geography and Spatial Science Program  
 2014 National Geographic Society, Committee for Research and Exploration  
 2012 The Hans Rausing Endangered Languages Project, School of Oriental and  
 African Studies, University of London; National Science Foundation,  
 Geography and Spatial Science Program (2 proposals)  
 2011 National Science Foundation, Geography and Spatial Science Program  
 2010 National Geographic Society, Committee for Research and Exploration;  
 National Science Foundation, Geography and Spatial Science Program  
 2008 IUCN National Committee of the Netherlands, Ecosystem Grants Program;  
 National Geographic Society, Committee for Research and Exploration  
 2007 U.S. Fish and Wildlife Service, Great Ape Conservation Fund

#### Manuscript Reviews (103 papers/chapters, 7 books/book proposals)

- 2021 *Geoforum; GeoJournal; Journal of the Southwest; Social History of Alcohol  
 and Drugs* (3 manuscripts); *Third World Quarterly; Yearbook of  
 Transnational History*  
 2020 *Current Anthropology; História, Ciências, Saúde (Manguinhos)* (in  
 Portuguese); *Fire; Geoforum; Journal of Cannabis Research* (2 manuscripts);  
 Oxford University Press (book chapter); *Social Science & Medicine*  
 2019 *Agriculture, Ecosystems, and Environment; EchoGéo* (2 manuscripts);  
*Ecosphere; International Journal of Drug Policy; Journal of Psychedelic  
 Studies*  
 2018 *Historical Geography*  
 2017 *Royal Society Open Science, Geographical Review*  
 2016 *African Journal of Ecology* (2 manuscripts); *Agriculture, Ecosystems, and  
 Environment* (2 manuscripts); *Annals of the Association of American  
 Geographers*; Cambridge University Press (book manuscript); *Food Policy* (2  
 manuscripts); *Geographical Review* (2 manuscripts); Palgrave Macmillan  
 Publishers (book chapter)  
 2015 *African Journal of Ecology* (3 manuscripts), *Royal Society Open Science*,  
 University of Chicago Press (book manuscript, in French), University Press of  
 Kansas (book proposal)



- 2014 *African Journal of Ecology* (2 manuscripts), *Geographical Review*, *Global Environmental Change* (2 manuscripts), *Historical Geography*, *Journal of Environmental Studies and Sciences*, *Progress in Physical Geography* (2 manuscripts), *Royal Society Open Science*, *Society and Natural Resources*
- 2013 *African Journal of Ecology*, *Annals of the Association of American Geographers*, *Environment & History* (3 manuscripts), *Journal of Ethnobiology*, *Journal of Historical Geography*, *Revue de Primatologie*, *Scientia Agriculturae Bohemica*, *Society & Natural Resources*
- 2012 *Annals of the Association of American Geographers*, *Conservation Letters*, *Society and Natural Resources*, *Journal of Environmental Sciences and Studies*, *African Journal of Ecology* (2 manuscripts), Oxford University Press (book proposal), *Geoforum*
- 2011 *African Journal of Ecology* (8 manuscripts), *Economic Botany*, *Journal of Applied Geography*, *Journal of Land Use Science*
- 2010 *African Journal of Ecology* (2 manuscripts), *Agriculture and Human Values*, *Forests Trees and Livelihoods*, John Benjamins Publishing Company (book chapter manuscript)
- 2009 University of Chicago Press (book manuscript, in French), Pearson/Prentice-Hall (book manuscript), *African Journal of Plant Science*, *Annals of the Association of American Geographers*, *Forests Trees and Livelihoods*, *Geography Compass*, *Society & Natural Resources*
- 2008 *African Journal of Ecology* (8 manuscripts), *Annals of the Association of American Geographers*, *Geography Compass*, *Physical Geography*, *Society & Natural Resources*
- 2007 *African Journal of Ecology*, *Singapore Journal of Tropical Geography*, *Journal of Ethnobiology and Ethnomedicine*
- 2006 *Geoforum*
- 2004 *The Geographical Journal*

### *Professional Affiliations*

Member, Association of American Geographers (Biogeography, Cultural and Political Ecology, Africa, and Latin America specialty groups)

Member, African Studies Association

Full Member, Sigma Xi, the Scientific Research Society (UNM Chapter)