

## Tendai Chitewere

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School of the Environment

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Director  
Center for Science & Math Education  
College of Science & Engineering  
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### Professional Appointments

San Francisco State University		
• Center for Science & Mathematics Education	Director	2021 – present
Universität Potsdam, Germany		
• Department of Inclusive Education	Gastwissenschaftlerin	2019-2021
Universität Potsdam, Germany		
• Department of Inclusive Education	Gastwissenschaftlerin	June 2017/2018
Vassar College, Poughkeepsie, NY		
• Department of Earth Science and Geography	Visiting Professor	Spring 2015
Freie Universität Berlin, Germany		
• Forschungszentrum für Umweltpolitik	Gastprofessorin	Fall 2014
San Francisco State University		
• Geography & Environment	Professor	2018 – Present
• Geography & Environment	Associate Professor	2013 – 2018
• Geography & Environment	Assistant Professor	2012 – 2013
• Liberal Studies Program	Assistant Professor	2007 – 2012
• University Development	College Relation Officer	2006 – 2007
• Child and Adolescent Development	Lecturer	2006
University of California, Berkeley		
• Department of Anthropology	Visiting Scholar	2005
Center for Environmental Health, Oakland	Associate	2004 – 2005
Binghamton University, State University of New York		
• Affirmative Action & University Ombudsman	Assistant Director	1998 – 2000
• Student Affairs, Residential Life & Housing	Health Educator	1996 – 1998

### Education

State University of New York, Oneonta	1995	B.S.	Water Resources
Cornell University	1997	M.P.S.	Agriculture & Biological Engineering
Binghamton University (SUNY)	2006	Ph.D.	Anthropology

Title of Dissertation: *Constructing a Green Lifestyle: Consumption and Environmentalism in an Ecovillage.*

### Publications

Lindstrom, E. and Chitewere, T. The East Bay Greenway: Exploring the Role of Funding in Environmental Gentrification (under review).

Chitewere, T. 2023. Towards Inclusive Eco-Communities: socially and environmentally just sustainable futures. In: Eco-Communities: Surviving Well Together.

- Pickerill, J., Chitewere, T., Cornea, N., Lockyer, J., Macrorie, R., Blažek, J. M., & Nelson, A. (2023). Urban Ecological Futures: Five Eco-Community Strategies for more Sustainable and Equitable Cities. *International Journal of Urban and Regional Research*.
- Juang, L. P. and Chitewere, T. 2021. Teachers of migrant background and inclusive education. In A. Wojciechowicz, D. Niesta Kayser, & M. Vock (Eds.), *Lehrer/ilInnenbildung im Kontext aktueller Fluchtmigration. Perspektiven, Impulse und Erkundigungen* (Teacher education in the context of current refugee migration. Perspectives, ideas, and inquiries). Weinheim: Beltz Juventa Verlag.
- Chitewere, T. 2018. *Sustainable Community and Green Lifestyles*. Routledge Press.
- Chitewere, T., J.K. Shim, J.C. Barker, and I.H. Yen. 2017. How Neighborhoods Influence Health: Lessons to be learned from the application of political ecology. *Health & Place* 45. Pg. 117-123.
- Chitewere, T. 2015. Ecovillages: Lessons for Sustainable Community. In: *Environmental Magazine* 57(2). Pg. 38-39.
- Augsburg, T. and Chitewere, T. 2013. Starting with World Views: A Five-Step Preparatory Approach to Integrative Interdisciplinary Learning. *Issues in Interdisciplinary Studies*. 31:174-191.
- Chitewere, T. 2012. Between a Rock and a Green Place: Exploring the relationship between green consumerism and social justice: In S.H. Emerman, M. Bjørnerud, S.A. Levy, and J.S. Schneiderman (eds.), *Liberation Science: Putting science to work for environmental justice*. Lulu Press.
- Roberts, N.S. and Chitewere, T. 2011. Speaking of Justice: Exploring ethnic minority perspectives of the Golden Gate National Recreation Area. *Environmental Practice* 13(4). Pg. 1-16.
- Chitewere, T. 2010. Equity in Sustainable Communities: Exploring tools from environmental justice and political ecology. *Natural Resources Journal* 50(2). Pg. 315-339.
- Chitewere, T. and Taylor, D. E. 2010. Sustainable Living and Community Building in EcoVillage at Ithaca: The challenges of incorporating social justice concerns into the practices of an ecological cohousing community. *Research in Social Problems and Public Policy* 18. Pg. 141-176.
- Chitewere, T. 2008. Green Technology and the Design of a Green Lifestyle. *Humanities and Technology Review* 27. Pg. 87-106.

### Grants and Awards

1. California State University. Mathematics and Science Teaching Initiative. 2023. \$90,000.
2. USDA. PI (with Jennifer Blecha). National Institute of Food and Agriculture. 2023. \$4,999,995. (*not funded*)
3. UCSF. PI (with Eric Hsu). Neighborhood Health and Well-being. 2018. \$6,500
4. Center for Computing for Life Sciences. San Francisco State University. PI. Preliminary Data for Anchoring Out on Richardson Bay. 2018. \$5,000.
5. Geography & Environment. Undergraduate Summer Research. Mini-grant. 2017. \$3,600.
6. Universtät Potsdam. Factors Influencing the Retention of Minority Educators in Primary School, Secondary School, and University in the United States and Germany. A Preliminary Study. With Dr. L. Juang. 2017. 8000€. (*not funded*).
7. NIH. SF BUILD (Building Infrastructure Leading to Diversity) with Leticia Márquez-Magaña PI, Avi Ben-Zeev PI, Teaster Baird Jr., and Carmen Domingo. 2014. \$17,040,000.
8. CSU Chancellor's Office. PI. SUSTAIN: Students Using Spatial Technology and Integrating Nature. With Xiaohang Liu. 2013. \$12,000.
9. Center for Computing for Life Sciences. San Francisco State University. PI. Preliminary Data Analysis for Urban Agriculture in Oakland. 2012. \$4,000.
10. NSF 1108347. Track 1: Climate Change Scholars at San Francisco State University. Co-PI. With Eric Hsu and Lisa White. 2011. \$197,904.
11. Research, Scholarship, and Creative Activities (ORSP FOA 2011-01). San Francisco State University. PI. \$15,000.
12. ORSP and College of Liberal and Creative Arts. Professional Development Award (2011). San

- Francisco State University. PI. \$6,000.
13. ORSP – Intensive Methodological Training (ORSP FOA 2010-001). San Francisco State University. PI. \$6,000.
  14. 2010 Presidential Award sabbatical for Spring 2012. San Francisco State University.
  15. 2010 Leadership Fellow Award. American Anthropological Association. \$500.
  16. Sustainability across the Curriculum. Association for the Advancement of Sustainability in Higher Education. Spring 2009. Center for Teaching and Faculty Development. San Francisco State University. \$1,000.
  17. Research, Scholarship, and Creative Activities. Fall 2008. Faculty Diversity Support Award. San Francisco State University. \$6,000.

### **Presentations**

- “Considerations for Justice in Climate Change Action”. Keynote Address. SF Department of the Environment. San Francisco, CA. 2023.
- “Speed Mentoring Session”. Annual Conference on Cultural Diversity, Migration, and Education. University of Potsdam. 2021.
- “Grant Writing”. Writing, Research and Grant Writing Workshop Series at the Peace and Conflict Studies Program. St. Paul’s University. Limuru, Kenya. 2021.
- “Eco-communities, heterogeneity, and the urgency of inclusion”. Eco-communities: Inclusive, creative and self-provisioning approaches for an ecological urban future. Programme Berlin. Independent Social Research Fund Residency. August 2019.
- “Eco-community in Urban Futures: Considerations for Social Justice and Radical Change”. Keynote Address. Eco-communities in an Urban Future. Cardiff, Wales. 2019.
- “Green Lifestyles and Consumption-Based Environmentalism: Critical Lessons from an Ecovillage”. Department of Geography. University of California, Davis, CA. 2019.
- “How Planning and Development Intersect with Sustainability”. Leadership San Francisco. San Francisco Chamber of Commerce. San Francisco, CA. 2018.
- “Equity in Sustainable Communities: Exploring Tools from Environmental Justice and Political Ecology”. American Studies Department. California State University, Fullerton, CA. 2018.
- “Green Lifestyles and Consumption-based Environmentalism: critical lessons from an ecovillage”. Blum Center for Alleviating Poverty and Social Disparity. University of California, Merced, CA. 2018.
- “Innovative Methods and Methodologies to Study Cultural Diversity, Migration, and Education”. Panel. Second Annual Conference on Cultural Diversity, Migration, and Education. University of Potsdam. 2018.
- “Socio-economic Status: Structure and Agency in Education”. Inclusive Education Department. Universität Potsdam, Germany. 2018.
- “Green Lifestyles and Consumption-based Environmentalism: critical lessons from an ecovillage”. Department of Geography. University of North Carolina. Chapel Hill, NC. 2018.
- “Succeeding at SF State” Panel. Office of International Programs. San Francisco, CA. 2018.
- Neighborhoods as Places of Well-being, Health, and Resiliency. 14<sup>th</sup> International Conference on Urban Health. Coimbra, Portugal. 2017.
- “Sustaining Communities and Sustaining Teachers of Migrant Backgrounds: Valuing diversity education”. Inclusive Pedagogy. Universität Potsdam. Potsdam, Germany. 2017.
- “People” Rapporteur. Unsere Welt 2030 Zukunft Kongress (Our World 2030 Future Conference). With Dr. Gerd Müller, Bundesminister für Wirtschaftliche Zusammenarbeit und Entwicklung (German Federal Minister for Economics and Development). Munich, Germany. 2016.
- “Coastal Community Vulnerability: A Project Design on the Effects of Reciprocity on Resilience and Adaptability”. College of Science & Engineering Student Project Showcase. (With A.B. Cailipan\*\*). 2016.
- “Oakland Bulk and Oversized Terminal: Health, Climate Change, and Environmental Injustice in West

- Oakland". College of Science & Engineering Student Project Showcase. Fourth Prize. (With A. Cartagena\*\*). 2016.
- "When Being Green Distracts from Being Just: Exploring inclusive sustainability". Environmental Studies Program. University of San Francisco. 2016.
- "Who's Green, Who's Not, Who Cares? Consumption, Environmentalism, and the Search for Sustainable Community." Department of Earth Science and Geography. Vassar College. 2015.
- "Eating the Front Yard: Exploring political ecology and environmental justice where we garden". Association of American Geographers. Tampa, FL. (With A. Pulido\*\*). 2014.
- "Responding to Climate Change: Environmental Leadership Through Research and Student Activism" HVC-215. United States Capitol. Washington, DC. 2014.
- "Sustainable Community Research in the United States". Forschungszentrum für Umweltpolitik (Environmental Policy Research Center). Freie Universität. Berlin, Germany. 2014.
- "Ecovillage Revisited, Reinvented: Challenges of the green lifestyle". Ecovillage at Ithaca. NY. 2014.
- "Ecovillage and Ecojustice: Applying political ecology and environmental justice where we live, work, play, and garden". Society for Applied Anthropology. March 18-22. Albuquerque, NM. 2014.
- "Top Down, Bottom Up? Academia, Environmental Justice, and Sustainable Communities". Teaching Environmental Justice: Interdisciplinary Approaches. SERC InTeGrate. Carleton College, MN. 2013.
- "Eating the Front Yard: Life histories of urban subsistence farmers in the SF Bay Area". ORSP Research Symposium. San Francisco, CA. 2012.
- "Eating the Front Yard: A Lecture on Urban Agriculture". American Studies Department. California State University, Fullerton, CA. 2011.
- "Eating the Front Yard: An interdisciplinary perspective on growing food in the city". Keynote Address. National Association of Black Geologists and Geophysicists. San Francisco, CA. 2011.
- "Eating the Front Yard: The political ecology of Urban Framing in the San Francisco Bay Area." American Anthropological Association, 110<sup>th</sup> Annual Meeting. Montreal, QC. Canada. 2011.
- "The Re-emergence of Urban Gardens: Stories from the Front Yard". Association for Integrative Studies, 33<sup>rd</sup> Annual Conference. Grand Rapids State University, Grand Rapids, MI. 2011.
- "California's Impact on the American Diet." Food Fights: Popular struggles beyond California cuisine. 21<sup>st</sup> Annual California Studies Conference. Oakland, CA. 2011.
- "Veiled Practices: The political ecology of an AAA meeting". American Anthropological Association, 109<sup>th</sup> Annual Meeting. New Orleans, LA. 2010.
- "Intellectual Autobiography II: Sustaining integrative learning with electronic portfolios in a capstone seminar". Association for Integrative Studies, 32<sup>th</sup> Annual Conference. California State University, San Diego, CA. (with T. Augsburg). 2010.
- "Political Ecology and the Environmental Justice Movement". As if Equity Mattered Conference. Environmental Science, Policy & Management. University of California, Berkeley, CA. 2009.
- "Placing Ourselves Creatively: The intellectual autobiography as a gateway for integrative learning". Association for Integrative Studies, 31<sup>th</sup> Annual Conference. University of Alabama, Tuscaloosa, AL. (with T. Augsburg). 2009.
- Chair: Conference Panel on Green Lifestyles, Green Commodities, and Grassroots Environmentalism (Reviewed by the Anthropology and Environment Section). American Anthropological Association 107<sup>th</sup> Annual meeting. Washington, DC. 2008.
- "Ecovillages and the Emergence of Green Lifestyles". American Anthropological Association, 107<sup>th</sup> Annual Meeting. San Francisco, CA. 2008.
- "Earth Team: The emergence of environmental peer education". Association for Integrative Studies, 30<sup>th</sup> Annual Conference. Springfield, IL. 2008.
- "Hurricane Katrina and the Convenience of Inconvenience". Association for Integrative Studies, 30<sup>th</sup> Annual Conference. Springfield, IL. 2008.
- "When Being Green Distracts from Being Just". School of Natural Resources and Environment. University of

Michigan, Ann Arbor, MI. 2007.

“Green Technology in an EcoVillage”. Humanities and Technology Association Annual Meeting, Sustainable Transformations. Rose-Hulman Institute of Technology, Terre Haute, IN. 2007.

“Building a Green Lifestyle: Using community to create sustainability in an ecological co-housing community”. Ethnic Studies Program, Santa Clara University. Santa Clara, CA. 2007.

“Sustainable Design in Ecovillages.” Design and Industry. Graduate Seminar on Emerging Design in the Future Society, San Francisco State University, San Francisco, CA. 2007.

“Ecotopia: Connecting People with Nature in a U.S. Cohousing Community”. Institute of Transpersonal Psychology, Palo Alto, CA. 2005.

“Constructing a Green Lifestyle”. Department of Anthropology, University of California, Berkeley. CA 2004.

“Anthropological Research in an Ecological Cohousing Community: A Day in the Life of an Ecovillage”. Unitarian Universalist Church, Binghamton, NY. 2003.

“Back to Nature? Constructing Nature and Community in Upstate New York”. American Anthropological Association, 100<sup>th</sup> Annual Meeting. Washington, DC. 2001.

“Living Lightly Upon the Earth: Constructing Nature and Community in New York”. Department of Anthropology, Binghamton University, Binghamton, NY. 2001.

### **Courses Taught**

Undergraduate Research Experiences (GEOG 699)

Graduate Seminar in Human Geography (GEOG 820)

Environmental Impact Analysis (GEOG 652)

Future Environments (GEOG 421)

Graduate Seminar in Urban Geography (GEOG 832)

Senior Seminar in Geography & Environment. Capstone Course (GEOG690)

Perspectives in Liberal Studies GWAR (LS 300)

Senior Seminar in Liberal Studies (LS 690)

Social Science Core I (SS 300)

Social Science Core II (SS 301)

Nature, Culture, Technology (ENVS 392)

Seminar in Interdisciplinary Application (SS 800)

(\*Underrepresented minority; \*undergraduate student)

### **Masters Thesis**

- Heather Co\* (Geography & Environment). The Effects of Population Growth and Litter Management Legislation on Marine Debris in the San Francisco Bay. MA, 2019.
- Victor Eduardo Osorio Martinez\* (Engineering). Examination of Cooling Towers performs with treated water on an industrial and environmental symbiosis. MS, 2019.
- Salma Tharwat Abdel-Raheem\* (Geography & Environment). Using participatory mapping for marine spatial planning in Saint George's Caye, Belize. MA, 2017-2018.
- Sara Dolan (Instructional Technologies). MA completed 2018.
- Misty McKinney\* (Geography & Environment). Environmental Justice: The Impact of Storm water Trash Load in East Palo Alto. MA completed 2017.
- Erika Lindstrom (Geography & Environment). The Greening of Gentrification: A Case Study of the East Bay Greenway. MA completed 2017.
- Danielle Mazzalla\* (Geography & Environment) GIS and Low-Wage Women's Access to Healthcare and Housing. MA completed 2015.
- Kristal Ip\* (Geography & Environment) Soundscapes. MA completed 2013.
- Carol Umazor\* (Biology) Experiences of Women of Color in Biology. MA completed 2011.
- Annette Hartsfield (Anthropology) Gated Communities. MA completed 2008.

- Ifafunke Oyinlola Oladigbolu\* (Interdisciplinary Social Sciences) Patterns for Success: Cultural Identity and Higher Education Attainment. MA completed 2008.
- Briana McCarthy (Biology) Conceptions of Environmental Processes. MA completed 2008.
- Kimberly Williams-Brito\* (Mathematics) Ethnomathematics: African American Braids. 2008.

#### **Undergraduate Student Research Mentees**

- Adedamola Olaoluwa Adetayo\*\* (Computer Science). Anchor Out Community. 2018-2019.
- Kelaia Cruz\*\* (Geography & Environment). Bay Area Homelessness. 2018.
- Madeleine Martin (Environmental Studies). Neighborhood Health and Anchor Outs. 2018.
- Stephen Rump (Environmental Studies). Neighborhood Health and Anchor Outs. 2018-2019.
- Pierre Sjögreen\*\* (Environmental Studies). Anchor Out Community. 2017 - 2019.
- Regina Taylor\*\* (Geography and Environmental Studies). Neighborhood Health and Anchor Outs. 2017 - 2019.
- Ashley Brown\*\* (Parks and Recreation). Neighborhood Health and Anchor Outs. 2017.
- Thomas Jones\*\* (Sociology). Neighborhood Health and Anchor Outs. 2017.
- Maggie Chen\*\* (Geography & Environment). Neighborhoods Matter: Health and Resilience in Oakland. Anchor Outs. 2016-2018.
- Alyse Anderson (Environmental Studies). The Institutions Project Methodology. 2017.
- Jillian Solomon (Environmental Studies). The Institutions Project Methodology. 2017.
- Agustina Cartagena\*\* (Geography & Environment). OBOT: Health, Climate Change, and Environmental Injustice in West Oakland. Climate Change Scholar. 4<sup>th</sup> place winner in the 2016 College of Science and Engineering Student Project Showcase. 2016.
- Rosie Linares-Diaz\*\* (Geography & Environment). Real Food Challenge, SF BUILD Sustainable Communities and Neighborhood Health. 2013-2015.
- Adrielle B. Cailipan\*\* (Marine Biology). Coastal Community Vulnerability: A Project Design on the Effects of Reciprocity on Resilience and Adaptability. Climate Change Scholar. 2015.
- Zahra Hamidi\*\* (Nursing). The Health of Vulnerable Communities and Climate Change: Examining the Role of Public Policy and Nursing. Climate Change Scholar. 2015.
- Brittany Hammons\*\* (Environmental Studies). Transition Towns. Climate Change Scholar. 2013.
- Sophia Rodriguez\*\* (Geography & Environment). Urban Agriculture and Front Yard Food Production. Climate Change Scholar. 2013.

#### **Professional Associations**

- Research Team. ECCLPS: The UC-CSU Environmental and Climate Change Literacy Projects. 2022-present.
- All University Committee on International Programs. SF State. Elected Member. 2021-present.
- Institutional Research Board & Federal Regulations Sub-Committee. SF State. 2016-present.
- California Faculty Association. Elected At Large Tenure/Tenure-Track Faculty Representative. 2017-present.
- Exceptional Assigned Time Awards (EATC) Committee. SF State Senate College of Science & Engineering elected representative. 2017.
- Geography & Environment Search Chair (Spatial Epidemiologist). 2015-2016.
- SF BUILD Community Liaison. 2014-2016.
- National Society of Black Engineers, SF State Chapter. Faculty advisor. 2013-present.
- Environmental Studies Program, SF State. Associated Faculty. 2007-present.
- Real Food Challenge, SF State Chapter. Faculty advisor. 2013, 2016-2017.
- Curriculum Committee Chair, Geography & Environment. SF State. 2012-2014.

- University Planning Advisory Council. Office of the President. SF State. 2009-2011.
- Liberal Studies Council. SF State. 2007-2011.
- Western Association of Schools and Colleges (WASC) Accreditation: Social Justice and Community Engagement Committees. SF State. 2009-2011.
- ECOSStudents Association, SF State. Faculty advisor. 2009-2010.
- Association of American Geographers.
- American Anthropology Association.
- Society for Applied Anthropology.

### **Community and Civic Engagement**

- Board of Directors. Scientific Adventures for Girls, Berkeley, CA. 2023-present.
- iD22: Institute for Creative Sustainability. Board Member. Berlin, Germany. 2020-present.
- Education Committee Board Member. Center for Urban Education about Sustainable Agriculture, San Francisco, CA. 2013-2019.
- Center for Environmental Health. Oakland, CA. 2004-2005.
- Community Transformative Mediator. Community Dispute Resolution Center. Ithaca, New York. 2000-2002.
- Board of Directors, Earth Team of California, Berkeley, CA. 2006-2012.
- Board Member at Large, Humanities and Technology Association. 2008-2012.
- Ashoka's Youth Venture. Just Food Community Panel. Earth Island Institute. 2011.
- Board of Directors. The Clarence Foundation, Oakland, CA. 2006-2008.
- Fairview Park Neighborhood CORE (Communities of Oakland Respond to Emergencies) Organizer. 2008-2015.
- Fairview Park Neighborhood Night Out Committee. Organizer. 2008-Present.

### **Conference and Workshop Organization**

- NSF Science Education Resource Center, Carleton College. Workshop convener. 2013.
- CSU-wide Fourth Conference, Community Based Research Advisory Board. 2009-2010.

### **Editorial Board**

- Environmental Research Letters

### **Reviewer for Academic Programs, Journals and Books**

- Environmental Practice
- External Program Reviewer for Liberal and Civic Studies Program.
- Journal of Environmental Studies and Sciences
- Association for the Advancement of Sustainability in Higher Education
- Sage Publications
- Issues in Integrative Studies
- Czech Sociological Review

### **Skills**

- Shona, English, German, American Sign Language, French (intermediate).
- Software: ESRI GIS, Microsoft Office Suite, Qualitative Research Nvivo, Qualtrics, HTML