

# Kathryn J. Fiorella, PhD, MPH

## EDUCATION

<b>University of California, Berkeley</b>	PhD	2015	Environmental Science, Policy & Management
<b>University of California, Berkeley</b>	MPH	2013	Epidemiology, Public Health Nutrition
<b>Princeton University, cum laude</b>	AB	2006	Ecology & Evolutionary Biology, Environmental Studies

## ACADEMIC AND PROFESSIONAL APPOINTMENTS

### Academic Appointments

<b>Assistant Professor, Cornell University</b> , Master of Public Health, Department of Population Medicine and Diagnostic Sciences	August 2018 – Present
<ul style="list-style-type: none"><li>• Master of Public Health Food Systems Concentration, co-Lead Faculty Member</li><li>• Faculty Fellow, Atkinson Center for a Sustainable Future</li><li>• Faculty Member, Cornell Center for Health Equity</li><li>• Graduate Field Member: Natural Resources, International Development</li></ul>	
<b>Lecturer, Cornell University</b> , Master of Public Health, Department of Population Medicine and Diagnostic Sciences	2017 – 2018
<b>Atkinson Postdoctoral Fellow, Cornell University</b> , Atkinson Center for a Sustainable Future	2015 – 2017
<b>Adjunct Postdoctoral Fellow, Columbia University</b> , Earth Institute	2015 – 2017
<b>Immersion Fellow, Socio-Environmental Synthesis Center (SESYNC)</b>	2015 – 2016

### Professional Appointments

<b>UN World Food Programme</b> , Program Associate, Kampala, Uganda	2008
<b>The Food Project</b> , Community Outreach Fellow, Lynn, Massachusetts	2006 – 2008

## PUBLICATIONS

### Peer-Reviewed Publications

- Chung, EO, Omollo, DO, Mattah, B, Hickey, MD, Salmen, CR, Milner, EM, Brashares, JS, Young, SL, Fernald, LCH, **Fiorella, KJ**. 2019. Characteristics of Pica Behaviors Among Women in Western Kenya. *International Journal of Environmental Research and Public Health*. 16(14): 2510.
- Fiorella, KJ**, Bageant, E, Kim, M, Vichet, S, Try, V, Baran, E, Kura, Y, Brooks, A, Barrett, C, Thilsted, S. 2019. Improving Fish Biomass and Biodiversity within a Dynamic Social-Ecological System: Community Fish Refuges in Cambodia. *Ecology and Society*. 24(3): 18.
- Fiorella, KJ**, Desai, P, Miller, JD, Okeyo, N, Young, SL. 2019. A Review of Transactional Sex for Natural Resources: Under-researched, overstated or unique to fishing economies? *Global Public Health*. 1-12.
- Fiorella, KJ**, Gavenus, ER, Milner, EM, Moore, M, Wilson-Anumudu, F, Adhiambo, F, Mattah, B, Bukusi, E, Fernald, LCH. 2019. Evaluation of a social-network intervention on child feeding knowledge and practices. *Maternal & Child Nutrition*. 15(3): e12782.
- DeLorme, A, Gavenus, E, Salmen, C, Benard, GO, Mattah, B, Bukusi, E, **Fiorella, KJ**. 2018. Nourishing Networks: A social-ecological analysis of a network intervention for improving household nutrition in Western Kenya. *Social Science & Medicine*. 197: 95-103.

- Chang, A, **Fiorella, KJ**, Hickey, MD, Salmen, CR, Bukusi, EA, Cohen, CR, Auerswald, CL. 2018. Marginalization and community perception of HIV care, treatment, and support on Mfangano Island, Kenya. *Progress in Community Health Partnerships: Research, Education, & Action*. 12(2): 121-133.
- Milner, EM, **Fiorella, KJ**, Mattah, B, Bukusi, EB, Fernald, LCH. 2018. Timing, intensity, and duration of food insecurity are associated with child development in Kenya. *Maternal & Child Nutrition*. 14(2).
- Fiorella, KJ**, Milner, EM, Salmen, CS, Hickey, MD, Omollo, DO, Mattah, B, Adhiambo, A, Bukusi, EB, Fernald, LCH, Brashares, JS. 2017. Human Health Alters the Sustainability of Fishing Practices in East Africa. *PNAS*. 114(16): 4171-4176.  
*Covered by:* Voice of America (radio), NSF, Cornell Chronicle, Berkeley News
- Fiorella, KJ**, Milner, EM, DO, Bukusi, E, Fernald, LCH. 2017. Quantity and species of fish consumed shape breast milk essential fatty acid concentrations among women living around Lake Victoria, Kenya. *Public Health Nutrition*. 21(4): 777-784.
- Seto, K & **Fiorella, KJ**. 2017. From Sea to Plate: Remembering Fish in a Sustainable Food System. *Frontiers in Marine Science*. 4(74).
- Gaynor, KM, **Fiorella, KJ**, Kurz, DJ, Gregory, GH, Seto, KL, Withey, LS, Brashares, JS. 2016. War and wildlife: linking armed conflict to conservation. *Frontiers in Ecology and the Environment*. 14(10): 533-542. (cover story)
- Fiorella, KJ**, Chen, R, Milner, EM, Fernald, LCH. 2016. Agricultural Interventions for Improved Nutrition: A Review of Environmental and Livelihood Dimensions. *Global Food Security*. 8: 39-47.
- Hickey, MD, Omollo, DO, Salmen, CR, Mattah, B, Blat, C, Ouma, GB, **Fiorella, KJ**, et al. 2016. Movement between facilities for HIV care among a mobile population in Kenya: transfer, loss to follow-up and re-engagement. *AIDS Care*. 28(11):1386-1393.
- Fiorella, KJ**, Camlin, CS, Salmen, CR, Omondi, R, Hickey, MD, Omollo, DO, Milner, EM, Bukusi, EA, Fernald, LCH, Brashares, JS. 2015. Transactional Fish-for-Sex Relationships Amid Declining Fish Access in Kenya. *World Development*. 74: 323-332.
- Salmen, CR, Hickey, MD, **Fiorella, KJ**, Omollo, D, et al. 2015. “Wan Kanyakla” (We are together): Community Transformation in Kenya Following a Social Network Intervention for HIV Care and Treatment. *Social Science & Medicine*. 147: 332-340.
- Hickey, MD, Salmen, CR, Omollo, DO, Mattah, B, **Fiorella, KJ**, et al. 2014. Pulling the network together: Quasiexperimental Trial of a Patient-Defined Support Network Intervention for Promoting Engagement in HIV Care and Medication Adherence on Mfangano Island, Kenya. *JAIDS*. 69(4): 127-134.
- Nagata, JM, **Fiorella, KJ**, Salmen, CR, Hickey, MD, Mattah, B, Magerenge, R, et al. 2014. Around the table: Food insecurity, socio-economic status, and instrumental social support among women living in a rural Kenyan island community. *Ecology of Food and Nutrition*. 54(4): 358-369.
- Fiorella, KJ**, Hickey, MD, Salmen, CR, Nagata, JM, Mattah, B, Magerenge, R, Cohen, CR, Bukusi, EA, Brashares, JS, Fernald, LCH. 2014. Fishing for Food? Analyzing links between fishing livelihoods and food security around Lake Victoria, Kenya. *Food Security*. 6(6): 851-860.
- Brashares, JS, Abrahms, B, **Fiorella, KJ**, Golden, CD, Marsh, RA, McCauley, DJ, Nunez, T, Seto, K, Withey, L. 2014. Wildlife Decline and Social Conflict. 2014. *Science*. 345(6195): 376-378  
*Covered by:* BBC News, The New Yorker, NPR, The Daily Mail, Scientific American
- Fiorella, KJ**. 2013. Interpersonal relationships in research: balancing reciprocity and emergencies. *Journal of Research Practice*. 10(2): N1.
- Nagata, JM, **Fiorella, KJ**, Young, SL, Otieno, OD, Ijaa, K, Bukusi, EA, Cohen, C.R. 2013. Socio-demographic and health associations with body mass index at the time of enrollment to HIV care in Nyanza Province, Kenya. *AIDS Care*. 25(12): 1491-1498.

**Fiorella, KJ.** 2013. Considering the Complexity in HIV/AIDS and the Environment. *American Journal of Public Health*. 103(9).

Bellan, SE, **Fiorella, KJ**, Melesse, DY, Getz, WM, Williams, BG, Dushoff, J. 2013. Extra-Couple HIV Transmission in Sub-Saharan Africa: a mathematical modeling study of survey data. *Lancet*. 381(9877): 1561-1569. *Covered by: The Economist, All-Africa, News Medical*

Cohn AS, Eitzel, MV, **Fiorella, KJ**, et al. (authors contributed equally). 2012. Review of 'Interdisciplinary Environmental Studies: A Primer' by Gunilla Oberg. *Quarterly Review of Biology*. 87(3): 247-248.

**Fiorella, KJ**, Cameron, A, Sechrest, W, Winfree, R, Kremen, C. Methodological considerations in reserve system selection: a case study of Malagasy Lemurs. 2010. *Biological Conservation*. 143: 963-973.

**Fiorella, KJ**, Gurney, C, Leong, M, Stillinger, T. 2010. Nature's Matrix: Linking Agriculture, Conservation and Food Sovereignty. *Journal of Sustainable Agriculture*. 34(8): 923-925.

### Refereed Book Chapters

Kim, M, Bageant, E, Thilsted, S, **Fiorella, KJ**. Community Management of Fish Refuges in Cambodian Rice Field Fisheries. Ed C.C. Krueger, W.W. Taylor, and S.-J. Youn. From catastrophe to recovery: stories of fishery management success. American Fisheries Society, Bethesda, Maryland.

### Correspondence and Outreach

**Fiorella KJ**, Rapacciuolo, G, Trisos, C. 2016. Biodiversity Conservation Priorities: Learning from Public Health. *Nature (Correspondence)*. 538 (317).

Miller, J, **Fiorella, KJ**, Wekesa, P, Boateng, G, Collins, S, Young, S. 2017. An inquiry into a recent paper on pica in western Kenya. *Nutrition and Food Science (NFS) Journal*.

Withey, L, Seto, K, McCauley, DJ, **Fiorella, KJ**, Marsh, RA, Abrahms, B, Nunez, TA, Golden, CD, Brashares, JS. Fauna in decline--response. 2014. *Science (Letters)*. 346(6211): 819-820.

### In Revision and Review

Byrd, K, Thilsted, SH, **Fiorella, KJ**. Fish Nutrient Composition: A review of global data from poorly assessed inland and marine species. *Public Health Nutrition*. *In review*.

## AWARDS AND HONORS

2015-2017	Atkinson Center for a Sustainable Future Postdoctoral Fellowship, Cornell University
2014	NSF Doctoral Dissertation Research Improvement, Geography & Spatial Science
2014	Philomathia Fellow, University of California, Berkeley
2011	Foreign Language and Area Studies Fellowship (FLAS), Dholuo
2011	Meaningful Modeling of Epidemiological Data Fellow
2009-2012	NSF Graduate Research Fellowship Program (GRFP)
2006-2008	High Meadows Fellowship to work at a non-profit organization, The Food Project
2006	Senior Thesis Prize, Princeton University, Department of Ecology and Evolutionary Biology
2006	Princeton University Environmental Studies Award, 2nd Place
2006	Hank Dobin Community Based Learning Initiative Thesis Prize, Princeton University, 3rd Place

## RESEARCH FUNDING

Jul 2019 – Jun 2021	PI	Atkinson Venture Fund, “Spoiling Fish as Food: Harmful Algal Blooms in Lake Victoria”	\$157,000
Jul 2019 – Sep 2020	PI	Engaged Cornell Academic Venture Fund Supplemental Award, “Spoiling Fish as Food: Harmful Algal Blooms in Lake Victoria”	\$10,000

Jun 2019 – Jun 2020	PI	Einaudi Center Seed Grant, “Human Behavioral Responses to Harmful Algal Blooms around Africa’s Lake Victoria”	\$9,995
Jan 2019 – Jun 2020	PI	National Geographic Explorer Grant, “The Value of Biodiversity in Cambodian Flood Plain Fisheries”	\$30,000
Oct 2018 – Dec 2019	PI	Catalyzing New Research Partnerships, CRDF Global, “Cornell-WorldFish Research Partnership: Biodiversity Conservation in Small Scale Fisheries”	\$20,000
Aug 2018 – Aug 2019	Co-PI	Engaged Cornell, “Curriculum Development Grant: Food Systems for Health”	\$150,000
Jan 2018 – Jun 2019	PI	Conservation, Food & Health Foundation, “Analyzing Benefits of Community Fish Refuges in Cambodia”	\$30,000
May 2015 – Jun 2017	PI	Nutrition Embedding Evaluation Program, PATH and DFID; award to Organic Health Response, “Social Networks for Improved Nutrition”	\$100,000
May – Aug: 2014, 2015	PI	Environmental Science, Policy & Management, “Summer Grant: International Travel to Kenya”	\$16,000
Jun 2012 – Jun 2014	PI	Andrew & Mary Thompson Rocca Scholarship in Advanced African Studies “Natural Resource Use, Livelihoods, and Health Outcomes: Interactions of fishery resources in Western Kenya”	\$6,000
Sep 2012- Aug 2014	Co-PI	USAID, NAS, NSF: Partnerships for Enhanced Engagement in Research; award to Organic Health Response, “Natural Resources Interacting with Health Outcomes: Understanding Fishery Resource Use and Improving Nutrition in Western Kenya”	\$135,000
2011-2016	Student site lead	NSF Coupled Human and Natural Systems, contributing author (to J. Brashares), “CNH: Interactive Dynamics of Wildlife Populations, Human Health and Household Wealth in Rural Africa”	\$1,500,000
May 2011 – Dec 2011	PI	University of California One Health Summer Research Program, “Fish Access and Nutritional Status: Lake Victoria fishery resources’ impact on the health of people living with HIV/AIDS”	\$5,000
Jan 2011 – Dec 2011	PI	Sigma Xi Grants-in-Aid of Research, “Linking Natural Resources and Disease: Land Use Change and HIV/AIDS”	\$400
May 2010 – Dec 2010	PI	Andrew & Mary Thompson Rocca Pre-Dissertation Award in African Studies, “People, Wildlife and Health: Pre-dissertation research”	\$4,000
May 2010 – Dec 2010	PI	Sara’s Wish Foundation Fellowship, “People, Wildlife, and Human Health in Western Kenya”	\$1,500
May 2005 – June 2006	PI	Mr. and Mrs. George Shultz Fund Award, “Reserve Site Selection in Madagascar”	\$2,000

### Engaged Initiatives Funding

2012	Co-PI	Berkeley Big Ideas, Scaling Up, “EK-FM Radio”, to Organic Health Response	\$8,000
2012	Co-PI	Berkeley Big Ideas, “‘We Are Suba!’ Ekialo Kiona Youth Radio”, to Organic Health Response.	\$2,000
2011	Co-PI	Berkeley Big Ideas, 1 <sup>st</sup> Place, “Aquaponic Farming”, to Organic Health Response	\$10,000

## PRESENTATIONS

**Published Abstracts**

- Fiorella, KJ**, Bageant, ER, Ordonez, KA, Kim, M, Kura, Y, Thilsted, S, Barrett, CB. 2018. Implications of climate change for freshwater fisheries in Cambodia's rice field fisheries: a longitudinal cohort study. *Lancet Planetary Health: Best Abstracts in Planetary Health*. 2: S23.

**Invited Seminars**

International Program-College of Agriculture and Life Sciences (IP-CALS) Seminar	2019
Cornell University, Department of Nutritional Sciences Seminar	2019
WorldFish (Penang, Malaysia), 'Fish for Thought' Seminar	2019
Cornell University, Department of Natural Resources Seminar	2019
Cornell University, Department of Population Medicine and Diagnostic Sciences	2017
University of California, Davis, Department of Environmental Science and Policy	2017
McGill University, Department of Geography	2017
Emory University, Department of Environmental Health.	2017
University of California, San Diego, School of Global Policy and Strategy	2017
University of California, San Diego, School of Public Health	2017
University of Maryland, School of Public Health	2017
University of Illinois, Urbana-Champaign, Dept of Natural Resources and Environmental Science	2017
University of Delaware, School of Marine Science and Policy	2017
Cornell University, Department of Natural Resources Seminar	2016
University of Waterloo, School of Public Health	2016
Michigan State University, Department of Wildlife and Fisheries	2016
Cornell University, Program in International Nutrition Seminar	2015

**Invited Presentations**

Planetary Health: Environmental Change is Impacting Human Health and the Environment. <i>TCAM Faculty Pitch</i> . Cornell University.	2019
Declining Fish Catch and Human Health Around Lake Victoria, Kenya. <i>Mosquito Net Fishing Symposium</i> . Syracuse University.	2019
Quantity and species of fish consumed shape breast milk essential fatty acids. <i>Global Workshop: Nutrition-sensitive fish agri-food systems</i> . Siem Reap, Cambodia.	2017
Linking Human and Environmental Health: The Effects of Fisher Illness on Fishery Sustainability. <i>Atkinson Sustainability Project Pitch Competition</i> . Cornell University	2017
War and Wildlife: Effects of armed conflict on conservation. <i>International Conservation Seminar</i> . Cornell University.	2016
Human & Ecosystem Health: Fish decline and fish-for-sex relationships in lakeside communities. <i>Kenya Medical Research Institute Research Program</i> . KEMRI-CDC Kisumu, Kenya.	2015
Wildlife and Well-being. <i>Atkinson Center for a Sustainable Future Fellows' Forum</i> . Cornell U.	2015
Fishing for food? Fish access and food security around Lake Victoria, Kenya. <i>Environmental Science, Policy &amp; Management Departmental Colloquium</i> . University of California-Berkeley.	2014
Applications of the One Health Approach to Global Health. <i>UC Global Health Day</i> . University of California-Berkeley.	2012
Rethinking Poverty-Environment Links in the Global South. <i>Interdisciplinary Approaches to Agrarian Livelihoods, Env. and Natural Resource Mgmt</i> . University of California-Berkeley.	2011
Socio-ecological Determinants of Health. <i>'Glo-cal' Health Seminar</i> . UCSF Medical School.	2010
Mfangano Frameworks Project. <i>Summer Research Symposium</i> . University of California-Berkeley.	2010

## Contributed Presentations

Social-ecological Drivers of Community Fish Refuges in Cambodia. <i>North American Congress for Conservation Biology</i> . U. Toronto, Canada.	2018
Improving Fish Biomass and Biodiversity within a Dynamic Social-Ecological System: Community Fish Refuges in Cambodia. <i>SESYNC</i> . Annapolis, Maryland.	2018
Fish Catch and Fisher Adaptations in Cambodia's Rice Field Fisheries: Implications for Climate Change. <i>Planetary Health Annual Meeting</i> . University of Edinburgh, United Kingdom.	2018
Improving Fish Biomass and Biodiversity within a Dynamic Social-Ecological System: Community Fish Refuges in Cambodia. <i>International Sustainable Agriculture Intensification and Nutrition Conference</i> , Phnom Penh, Cambodia [presented by Yumiko Kura].	2018
Improving Fish Biomass and Biodiversity within a Dynamic Social-Ecological System: Community Fish Refuges in Cambodia. <i>Tropical Biology and Conservation Symposium</i> . Cornell University.	2017
Evaluation of a Social Network Intervention to Improve Nutrition. <i>International Congress of Nutrition</i> . Buenos Aires, Argentina.	2017 2017
Integrating fishery, livestock and cropping systems. <i>Farm to Plate Conference</i> . Cornell University. [Session Presenter and Organizer]	
Biodiversity Benefits in Cambodian Rice Field Fisheries. <i>Maternal &amp; Child Nutrition</i> . Cornell Univ.	2016
Human Illness and Environmental Sustainability around Lake Victoria, Kenya. <i>International Marine Conservation Congress</i> . St. John's, Newfoundland, Canada.	2016
Declining Fish Catch and Human Health Around Lake Victoria, Kenya. <i>Graduate Student Research Symposium</i> . University of California-Berkeley.	2015
Health and Natural Resources around Lake Victoria, Kenya. <i>Bay Area Conservation Biology Symposium</i> . University of California-Berkeley	2015
Fisher and Fishery Health: Effects of Human Illness on Environmental Sustainability. <i>Interdisciplinary PhD Workshop on Sustainable Development</i> . Columbia University.	2015
Natural Resources and Food Security: Fish-for-Sex Relationships around Lake Victoria, Kenya. <i>Experimental Biology</i> . American Society of Nutrition. Boston, MA.	2015
Natural Resources & Gender in Global Health: the Lake Victoria Case. <i>Unite for Sight</i> . Yale U.	2015
Health and Natural Resources: Fish-for-Sex Relationships on Lake Victoria's Shores. <i>Children's Hospital of Philadelphia Global Health Conference</i> . University of Pennsylvania.	2014
Trading Sex for Sustenance. <i>Gordon Research Conference: Oceans &amp; Human Health</i> . U. of NE	2014
Household food insecurity associated with cognitive development in a rural Kenyan community on Lake Victoria. <i>Experimental Biology</i> . American Society of Nutrition. San Diego, CA.	2014
Food-Producing Livelihoods, Nutrition, and Morbidity: The Case of Lake Victoria, Kenya. <i>Interdisciplinary PhD Workshop on Sustainable Development</i> . Columbia University.	2013
Food-Producing Livelihoods, Nutrition, and Morbidity: The Case of Lake Victoria, Kenya. <i>The Future of Food and Nutrition</i> . Tufts University.	2013
Healthy Ecosystems, Healthy Communities?: Links between Conservation and Food Security. Symposium organizer and presenter. <i>Society for Conservation Biology</i> . Auckland, NZ.	2011
Determinants of Health: The Case of HIV/AIDS on Mfangano Island, Kenya. <i>Meaningful Modeling of Epidemiological Data</i> . African Institute for Mathematical Sciences, Cape Town, South Africa.	2011
Socio-ecological determinants of health: Nutrition and HIV/AIDS. Emerging Directions in Health-Environment Interactions-presentation, panel. <i>American Assoc. of Geographers</i> . Seattle, WA.	2011
Intervening in AIDS-presentation and panel discussion, <i>Health and Governance in Africa</i> . Stanford Univ.	2010

Reserve Site Selection for Malagasy Lemurs: Extinction Risk and Methodological Questions (Student Award Finalist). *Society of Conservation Biology*. Port Elizabeth, South Africa. 2007

## PROFESSIONAL LEADERSHIP AND SERVICE

### Intergovernmental Platform on Biodiversity and Ecosystem Services (IPBES)

Contributing Author to Global Assessment, Chapter 2: Drivers

### Public Health and Conservation Practice

*Advisory Board Member*, Organic Health Response, Mfangano Island, Kenya 2015 – present  
*Co-Director of Research*, Organic Health Response, Mfangano Island, Kenya 2012 – present

### Committee Service

ACSF Building Planning Committee 2019 – present  
 Cornell MPH Admissions 2018 – present  
 Cornell MPH Council 2018 – present  
 Cornell MPH Curriculum Committee 2018 – present  
 Cornell MPH Branding and Marketing 2018  
 Advisory Board, College of Natural Resources, University of California, Berkeley 2012–2015  
 Admissions Committee Member, Environmental Science Policy & Management Department University of California, Berkeley 2014  
 President, Society for Conservation Biology, Berkeley Chapter 2010–2011  
 Conference Co-Chair, *Bay Area Conservation Biology Symposium*, Attended by 200+ people 2011  
 Graduate Student Association Secretary, Environmental Science Policy & Management Dept 2010–2011

**Reviewer** *American Journal of Public Health; Biodiversity and Conservation; Conservation Biology; Conservation Letters; Ecosystem Health and Sustainability; Environment, Sustainability and Development; Fisheries Management and Ecology; Food Policy; Food Security; International Journal of Environment and Public Health; Journal of Environmental Management; Journal of Infectious Diseases; Journal of Nutrition and Health Sciences; Journal of Research Practice; PlosONE; Public Health Nutrition; Science; Social Science and Medicine; Sustainability*

**Memberships** AAAS, American Society of Nutrition, Sigma Xi, Society for Conservation Biology

### Volunteering

Committee Member, Princeton University Alumni Schools Committee 2009–present  
 Volunteer Mentor, Bay Area Big Brothers Big Sisters 2009–2012

### Trainings

Engaged Cornell Learning Workshop Participant 2018  
 Cornell Grant Fellows Workshop 2018

## TEACHING AND MENTORSHIP

### Awards

Educational Technology Innovation Grant 2019  
 Outstanding Graduate Student Instructor Award, University of California, Berkeley 2012-2013

## Teaching

<b>Instructor, Food Systems and Health</b> (VPTMD 6121, Cornell University)	2017 – present
Lead 13 of 25 course sessions, organized class, and graded all assignments. Originated a new course for Masters in Public Health Students. Required course for Food Systems and Health concentration students.	
<b>Instructor, Human and Ecosystem Health</b> (ESPM 198, University of California, Berkeley)	2014
<b>Instructor, Special Study for Honors Candidates in Public Health</b> (PH H195A/B, University of California, Berkeley)	2013-2014
<b>Instructor, 7<sup>th</sup> Grade Curriculum and Cultural Exchange</b>	
Developed a 5-course series for 160 7 <sup>th</sup> grade students at Sena Primary (Kenya) and Longfellow Middle (USA); Engaged students in a paired lessons and pen pal letters.	2013-2015
<b>Assistant Instructor, Global Nutrition</b> (PH 196, University of California, Berkeley)	2012
<b>Graduate Student Instructor, Food &amp; Nutrition Programs &amp; Policies</b> (PH 206D, University of California, Berkeley)	2012

## Outreach

New Roots Charter School, 11 <sup>th</sup> -12 <sup>th</sup> Grade Environmental Science Class; “Linking the health of people and the planet”.	2019
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## Faculty Advising

Student Multidisciplinary Applied Research Teams (SMART), Project Team Faculty Advisor	2019-present
Planetary Health Club	2018-present

## Conferences and Workshops

Helping Students in Distress Workshop, Cornell University, Ithaca, NY	2017
Faculty Institute for Diversity, 3-day workshop, Cornell University, Ithaca, NY	2017
Invited Panelist, Encouraging Student Participation, Teaching & Learning Center, Berkeley, CA	2013
Syllabus and Course Design Workshop Series, Berkeley, CA	2012

## Mentorship

### Undergraduate Students (12): UC Berkeley (10), Cornell University (2)

Publications	<i>Global Food Security</i> (R. Chen), <i>International Journal of Environmental Research and Public Health</i> , in review (E. Chung), <i>Global Public Health</i> (P. Desai)
Presentations	Experimental Biology, 2016 (E. Chung) Berkeley Interdisciplinary Research Conference, 2013 (V. Chew)
Grants, Awards	Institute of International Studies Grant (E. Chung, 2013) Institute of Intl Studies Thesis Award (E. Chung, 2014)

### Masters Students (8): Cornell (2), UC Berkeley (3), UCSF (2), Maseno University, Kenya (1), Arizona State University (1), University of Massachusetts, Amherst (1)

Publications	<i>Maternal and Child Nutrition</i> (E. Milner; E. Gavenus, F. Wilson-Anumudu, M. Moore), <i>Progress in Community Health Partnerships: Research Education and Action</i> (A. Chang), <i>Social Science and Medicine</i> (A. DeLorme),
Masters Theses	A. Chang, E. Gavenus, E. Milner, M. Moore, F. Wilson-Anumudu
Practicum/Field Experiences	Research practicums (A. Belsan, Q. Wang) and international field experiences/practicums (A. Chang, E. Gavenus, E. Milner, M. Moore, A. Argent, F. Wilson-Anumudu, S. Wasser, Q. Wang)



Presentations Consortium of Universities for Global Health (CUGH) 2019 (Q. Wang)  
Grants Center for Global Public Health (E. Milner, E. Gavenus, F. Wilson-Anumudu)

## SKILLS AND CERTIFICATIONS

**Language** Basic Spanish and Dholuo

**Statistical packages** Stata, R

**Certifications** Wilderness First Responder (WMA 2011, Renewal 2013), SCUBA (PADI Open Water)