

Oladele A. Ogunseitan, Ph.D., M.P.H., CPH, BCES  
University of California Presidential Chair

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## Biography

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## Brief



Oladele A. Ogunseitan, Ph.D., M.P.H.

Oladele (Dele) Ogunseitan holds the University of California Presidential Chair at UC Irvine where he is Professor and served for more than a decade as founding chair of the Department of Population Health & Disease Prevention.

Dele leads the Training and Empowerment objective for USAID's One Health Workforce|Next Generation project in more than 100 universities in 17 countries across Africa and Southeast Asia. He directs the education initiatives for the systemwide University of California Global Health Institute; and he directs workforce development for NIH-funded Institute for Clinical and Translational Science. He is Co-director of Apple Inc.'s Green Chemistry Advisory Board, and Co-director of Lincoln Dynamic Foundation's World Institute for Sustainable Development of Materials (WISDOM).

Dele is an alumni faculty fellow in Global Environmental Assessments at the Belfer Center for Science and International Affairs, Kennedy School of Government, Harvard University. In 2016, he received the Jefferson Science Fellowship from the U.S. National Academies of Sciences, Engineering and Medicine. In 2018, he received a meritorious honor award from the U.S. Department of State for *exceptional teamwork and contributions to the successful achievement of U.S. goals at the third United Nations Environment Assembly*.

He is a fellow of the American Association for the Advancement of Science, elected in two different sections, Medical Sciences, and Societal Impacts of Science and Technology, for *distinguished contributions in studies using fundamental science to inform impacts of toxic components in manufacturing on human and environmental health with significant societal impacts*. His articles have appeared in *Science*, *Nature*, *The Lancet Global Health*, *Bulletin of the World Health Organization*, and *Environment International*.



## Curriculum vitae

### Overview Statement

Bibliometric analyses of research productivity on the global challenge posed to environmental quality and human health by the hazardous nature of electronic waste have consistently showed that I am the top ranked U.S. researcher and among the world's most productive (e.g., see Gupta, B.M., et al., 2018. *E-Waste Research: A Scientometric Assessment of Global Publications Output during 2007-16. International Journal of Information Dissemination and Technology*, 8(1), pp.31-36).

Another knowledge-ranking organization (*expertscape*) has consistently selected me as one of the world's leading experts on e-waste. I have dedicated my research career to understand the environmental risk factors contributing to adverse human health impacts of industrial development across national boundaries. This line of work intersects my research theme in One Health, bringing environmental context to the interphase of human and animal health on topics such as antibiotic resistance and impacts of climate change on population health. Twenty students have earned their Ph.D. degrees under my supervision, and I have supervised 10 postdoctoral trainees, all of whom are employed in research-related careers in government agencies, academia or corporate institutions committed to improving the quality of our environment. I served on the Board of Directors of the University of California System-wide Global Health Institute (2014-2020); the Association of Schools and Programs of Public Health (2013-2019); the State of California's Green Ribbon Science Panel (2009-2012), and the State's Community Health Protection, and Hazardous Waste Reduction Advisor Panel (2016-2017, with final report issued in 2021). Since 2021, I have served on the Hoover Medal Board of Award, recognizing individuals in engineering professions who have worked beyond the calling of their employment to significantly improve the quality of life for human populations and communities across the planet.



During 2016-2017, the National Academy of Sciences, Engineering and Medicine selected me as a Jefferson Science Fellow to work with the U.S. Department of State. At the Department of State, I worked in the Office of International Health and Biodefense, focusing on the international collaboration on efforts to combat antimicrobial resistance and other transboundary environmental pollutants. My work contributed to the inclusion of antimicrobial resistance in a resolution on water quality at the third United Nations Environment Assembly held in Nairobi, Kenya in December 2017. In March 2018, the Department of State gave me a Meritorious Honor Award "For exceptional teamwork and contributions to the successful achievement of U.S. goals at the third United Nations Assembly, December 2017".

My aspiration and practice as a researcher, translational scientist, educator, and academic administrator are to lead by example, to be broadly inclusive in my conduct of impeccable research, to mentor exemplary students, faculty, and staff, and to ensure that they all have the resources to demonstrate their brilliance individually and collaboratively. As founding Chair of the Department of Population Health and Disease Prevention (2007 - 2019), I was responsible for implementing educational curricula, guiding research activities, investing in community engagement, and ensuring career and professional development of students, faculty, and partners of public health at UC Irvine. As the holder of the University of California Presidential Chair, I have engaged and commit to supporting interdisciplinary and interprofessional initiatives, including the Solutions that Scale, Diversity in Medicine, and Research Justice Shop. In 2021, I was identified as a designated expert for UNESCO's Inclusive Policy Lab.



## Specific Contributions to Knowledge

I. **Global Health and Environmental Impacts of Chemicals in Engineered Products** – The use of toxic substances in engineered consumer products was long assumed to be a necessity, either to protect desirable functions or to keep products affordable for profitable mass retail. Typically, the adverse impacts of such toxic substances are recognized when symptoms have accumulated, and damage is irreversible. In the past 20 years, my research projects have sought to evaluate such adverse impacts, develop strategies for remediation, and recommend alternative less toxic substances to replace toxic staples. I was the P.I. of a Biocomplexity in the Environment – Materials Use, Science, Engineering and Society (NSF-MUSES) grant that explored the multidisciplinary research questions associated with toxic materials use and disposal in electronic waste, and their impacts on human health and ecosystem functions. Principal Investigator on a UC Systemwide multi-campus project entitled “UC-SMART Products: Selecting Materials to Achieve Reduced Toxicity Products” funded by the Office of the President. My specific role in these multidisciplinary collaborative projects was to provide quantitative data on various aspects of toxic impacts and to conduct leaching assessments and modeling, and to provide information that will support better decision-making by engineers, product designers, and material scientists. I also directed the UC Systemwide Lead Campus Component of the Toxic Substances Research & Teaching Program entitled Research and Education in Green Materials (REGM), with a mission to advance multidisciplinary research and education on the assessment of the impact of toxic chemicals on ecosystem functions and human health. The ultimate goal is to provide scientific justification for the invention, assessment, and adoption of less-toxic “green” materials as alternatives to toxic substances used in engineered products. To translate the research outcomes into effective policy, I served on the State of California’s Green Ribbon Science Panel (2009 – 2013) to support the Department of Toxic Substances Control in the implementation of the landmark “Safer Consumer Products Law” effective October 1st, 2013. I am also active at the national and international levels as the former Chair of the Materials and Society committee of The Minerals Metals and Materials Society (TMS). In 2014, TMS Foundation selected me in a national traveling exhibition as a [League of Materials Superhero](#). As part of my work with the Office of International Health and Biodefense, U.S. Department of State, I applied the techniques of life cycle analysis and biosensors to investigate the growing problem of antibiotic resistance in dangerous human pathogens. The following articles are selected to represent this research theme:

- a. Ogunseitan OA, Schoenung JM, Saphores JD, Shapiro AA. Science and regulation: The electronics revolution: from e-wonderland to e-wasteland. [Science](#). 2009 Oct 30; 326(5953):6705. PMID: 19900918.
- b. Awasthi, A.K., Li, J., Koh, L. and Ogunseitan, O.A. 2019. Circular Economy and Electronic Waste. [Nature-Electronics](#), 2:86–89. DOI:10.1038/s41928-019-0225-2. See also [Editorial](#): “The road to recovery.”
- c. Ogunseitan OA. Pollution: US Coal Plans Flout Mercury Convention. [Nature](#). 2017 Aug 30; 548(7669):523. PMID: 28858306.
- d. Ogunseitan, O.A. 2013. The Basel Convention and E-Waste: Translation of Scientific Uncertainty to Protective Policy. [The Lancet-Global Health](#), 1(6): e313- e314. doi:10.1016/S2214-109X(13)70110-4.
- e. Ogunseitan OA. Mercury Safety Reform in the 21st Century: Advancing the New Framework for Toxic Substances Control. [Environment: Science and Policy for Sustainable Development](#), 2017, 59 (4): 4 - 13.
- f. Ogunseitan, OA, 2016. Power Failure: The Battered Legacy of Leaded Batteries. [Environmental Science & Technology](#). DOI: 10.1021/acs.est.6b03174.
- g. Ogunseitan, O.A. 2015. The Asbestos Paradox: Global Gaps in the Translational Science of Disease Prevention. [Bulletin of the World Health Organization](#). 93:359-360. doi: 10.2471/BLT.14.142307.



- h. Ogunseitan OA, Schoenung JM. Human health and ecotoxicological considerations in materials selection for sustainable product development. *MRS Bulletin*. 2012, 37:356.
- i. Chen, M. and O.A. Ogunseitan. 2021. Zero E-Waste: Regulatory Impediments and Blockchain Imperatives. *Frontiers of Environmental Science and Engineering*. 15(6): 114. <https://doi.org/10.1007/s11783-021-1402-x>

2. **Development of Metrics for Human Health and Environment Interactions** – One of the most challenging research questions in environmental science is the weighting or valuation of ecosystem services, especially with progressive problems such as loss of biodiversity, pollution, and global climate change. In 2005, I published a widely acclaimed single-authored article entitled “Topophilia and the Quality of Life” in *Environmental Health Perspectives*, generally considered to be the top peer-reviewed journal that publishes original research in public health. The journal commissioned a special interview with me, and an editorial essay was published with the article. This research tested, for the first time, the hypothesis that individual preferences for qualitative environmental factors are significantly associated with quality of life as defined by a new latent construct defined as topophilia and the World Health Organization’s internationally validated instrument for quality of life (WHO-QOL-25/00). The publication continued the line of work that I began during a sabbatical leave at [Harvard University’s Belfer Center for Science & International Affairs, Environment & Natural Resources Program, Kennedy School of Government](#). An influential follow-up of our research on this topic area was published in 2011 with my former graduate student, Dr. Hipp. We investigated the hypothesis that perception of mental restorativeness is significantly modified by objective and perceived environmental conditions. We discovered that perceived restorativeness is significantly constrained on days with temperatures above the monthly average and during high tides, proxies for warming and sea level rise associated with modeled climate change scenarios. Constraints on human experience of natural environmental systems could exacerbate mental health impacts. Several news organizations featured the research results and the implications for policies to protect natural environments. Yale School of Forestry & Environmental Studies selected the article for a feature essay.

- a. Ogunseitan OA. Topophilia and the quality of life. *Environmental Health Perspectives*. 2005 Feb;113(2):143-8. PMID: PMC1277856 (See 2021 coverage in [The Atlantic](#)).
- b. Ogunseitan OA. 2020. The Materials Genome and COVID-19 Pandemic. JOM - The *Journal of The Minerals, Metals & Materials Society*. May 6:1-3. doi: 10.1007/s11837-020-04207-3.
- c. Singh, N., Tang, Y., and Ogunseitan, O.A. 2020. Environmentally Sustainable Management of Used Personal Protective Equipment. *Environmental Science & Technology*. <https://dx.doi.org/10.1021/acs.est.0c03022>. PMID# PMC7341685.
- d. Ogunseitan OA. *Green Health*. Ogunseitan, editor. Thousand Oaks, California, USA: Sage Publications; 2011. 584p.
- e. Hipp AJ, Ogunseitan OA. Effect of Environmental Conditions on Perceived Psychological Restorativeness of Coastal Parks. *Journal of Environmental Psychology*. 2011; 31(4):421.
- f. Aoyagi, H. Ogunseitan, OA. Toxic Releases and Risk Disparity: A Spatiotemporal Model of Industrial Ecology and Social Empowerment. *International Journal of Environmental Research and Public Health*. 2015; 12(6), 6300-6318; doi:10.3390/ijerph120606300. PMID: PMC4483702.
- g. Sami, M., M. Smith, and O.A. Ogunseitan. 2018. Changes in Physical Activity after Installation of a Fitness Zone in a Community Park. *Preventing Chronic Disease (CDC)* Volume 15 — August 9, 2018. <http://dx.doi.org/10.5888/pcd15.170560>.

3. **Translational Science of Disease Prevention** – I am the inaugural director of research education, training, and career development for the NIH-funded UC Irvine Institute for Clinical and



Translational Science. I have focused attention on identifying gaps in translation, especially in disease prevention and global environmental health. The following publications exemplify my recent work in this topic area.

- a. Singh, N., O. A. Ogunseitan & Y. Tang. 2020. Systematic review of pregnancy and neonatal health outcomes associated with exposure to e-waste disposal, *Critical Reviews in Environmental Science and Technology*, <https://doi.org/10.1080/10643389.2020.1788913>.
- b. Ogunseitan OA, Allgood JM, Hammel SC, Schoenung JM. Translating the materials genome into safer consumer products. *Environmental Science & Technology*. 2013 Nov 19;47(22):12625-7. PMID: 24171451
- c. Caiozzo V, Cooper DM, Cramer S, Galassetti P, Mulnard R, Nguyen D, Ogunseitan D, Olshansky E, Pontello A, Schneider M. The institute for clinical and translational science at UC Irvine: Building an inquisitive environment where everything is questioned and there is no status quo. *Clinical and translational science*. 2014 Aug;7(4):291-4.
- d. Dmitrieva J, Chen C, Greenberger E, Ogunseitan OA, Ding Y. Gender-specific expression of the DRD4 gene on adolescent delinquency, anger and thrill seeking. *Social Cognitive and Affective Neuroscience*, 2011, 6(1): 82-89. PMID: PMC3023085

4. **Ecological Assessments of Environmental Quality** – As the “unseen” biological fabric underlying life on Earth, disentangling the forms and functions of prokaryotes has become an extremely important research topic for understanding global scale ecosystem issues, including epidemics and global climate change. My book entitled *Microbial Diversity* generated considerable praise in many published reviews and has been acquired or adopted internationally by institutions on all continents. The late Distinguished Professor Lynn Margulis, member of the National Academy of Sciences and recipient of the National Medal of Science contributed the preface to the book. World-renowned biologist, Professor Edward O. Wilson of Harvard University also reviewed and published a comment on the book. Formal reviews of the book have appeared in prestigious academic journals, including the *Quarterly Review of Biology* (University of Chicago). My aim is to elucidate the contributions of microbial diversity to environmental processes.

- a. Ogunseitan OA. *Microbial Diversity*. New York: Wiley-Blackwell; 2005. 308p.
- b. Petrillo, J and Ogunseitan OA. Emerging issues in the environmental context of antibiotic-resistance. *Environment International*; 2018: 39-42.
- c. Chern EC, Tsai DW, Ogunseitan OA. Deposition of Glomalin-Related Soil Proteins and Sequestered Toxic Metals into Watersheds. *Environmental Science & Technology*. 2007; 42:3566-3572. PMID: 17547179
- d. Ogunseitan OA. Genetic transduction in freshwater ecosystems. *Freshwater Biology*. 2008; 53(6):1228.
- e. Canizares-Gonzalez R, Benitez E, Ogunseitan OA. Molecular analyses of Beta-glucosidase diversity and function in soil. *European Journal of Soil Biology*. 2011; 4(1):1.
- f. Renella G, Ogunseitan O, Giagnoni L, Arenella M. Environmental proteomics: A long march in the pedosphere. *Soil Biology and Biochemistry*. 2014 Feb 1;69:34-7.

5. **Knowledge Gaps in International Environmental Health** – One of the pressing challenges in global sustainability science is the dissemination of tangible research results to overcome sociocultural and political gaps in knowledge and the use of such knowledge in technology transfer. I have focused my attention on Africa, and our work on the costs of lead poisoning was influential in the complete phase-out of leaded gasoline, and the framing of adaptation mechanisms in response to global climate change.



- a. Ogunseitan OA. Framing Environmental Change in Africa: Cross Scale Institutional Constraints on Progressing from Rhetoric to Action Against Vulnerability. [Global environmental change: human and policy dimensions](#). 2003; 13:101.
- b. Ogunseitan OA. Chapter 10: Designing better environmental assessments for developing countries: Lessons from the U.S. Country Studies Program. [Assessments of Regional and Global Environmental Risks](#). Jaeger J, Farrell A, editors. Washington, DC: Resources for the Future, 2006.
- c. Dovie, D.B.K., M. Dzodzomenyo, and O.A. Ogunseitan. 2016. Sensitivity of health sector indicators' response to climate change in Ghana. [Science of the Total Environment](#). 574:837-846. doi: 10.1016/j.scitotenv.2016.09.066.
- d. Ogunseitan, OA. Russian Roulette with Rotterdam Convention. [JOM – The Minerals Metals and Materials Society](#). 2015. JOM, Vol. 67, No. 11, DOI:10.1007/s11837-015-1651-x.
- e. Jimah, T. and O.A. Ogunseitan. 2020. National Action Plan on Antimicrobial Resistance: Stakeholder Analysis of Implementation in Ghana. [Journal of Global Health Reports](#). 4:e2020067. doi:10.29392/001c.13695.





## Education and Training

B.Sc. Microbiology, 1980, University of Ife, Nigeria

M.Sc. Microbiology, 1982, University of Ife, Nigeria

Ph.D. Microbiology, 1988, University of Tennessee, Knoxville, USA

M.P.H. Environmental Health Sciences, 1998, University of California, Berkeley, USA

Certificate in International Health, 1998, University of California, Berkeley, USA

Certificate in Teaching by Case Method, 2014, Harvard School of Public Health

Certificate in Global Health Diplomacy, 2017, U.S. Foreign Service Institute, Arlington, VA

## Professional Appointments

2019-Present: University of California Presidential Chair

2016-2018: Foreign Affairs Officer, Office of International Health & Biodefense, U.S. Department of State

2016 – Present: Director, Education, University of California Global Health Institute

2010 – Present: Director of Workforce Development, UC Irvine Institute for Clinical and Translational Science

2007 – 2019: Chair, Program in Public Health – Department of Population Health and Disease Prevention, UC Irvine.

2004 – Present: Professor of Public Health, UC Irvine

2004 – 2019: Professor of Social Ecology, UC Irvine

2004 – Institute Faculty, Advanced Institute for Vulnerability; International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria.

1999 – 2000: Investigator (Summers), Marine Biological Laboratory, Woods Hole, MA.

1999 – 2000: Faculty Fellow, Harvard University, Kennedy School of Government, Environment and Natural Resources Program. Belfer Center for Science and International Affairs.

1988 – 1992 – 1998 – 2004: Researcher, Assistant Professor, Associate Professor, UCI



## Selected Honors and Awards

Designated Expert, UNESCO Inclusion Policy Lab – 2021.

Fellow, Royal Society for Arts, Manufactures, and Commerce (RSA), United Kingdom.

Outstanding Service for Global Health Workforce - U.S. Centers for Disease Control and Prevention; Public Health Institute; and Consortium of Universities for Global Health – 2021.

Instructor and presenter to Sarah Wang, Winner, Award for Excellent Upper Division Academic Writing in Science and Technology, 28<sup>th</sup> UC Irvine Writing Awards – May 2021

2020 Arnold O. Beckman Family Science Lecture. ARCS Foundation.

Fellow, American Association for the Advancement of Science, elected “for distinguished contributions in studies using fundamental science to inform impacts of toxic components in manufacturing on human and environmental health with significant societal impacts” – 2020

University of California Presidential Chair, 2019

Meritorious Honor Award, U.S. Department of State – 2018

Certified in Public Health – National Board of Public Health Examiners – 2019

Board Certification in Environmental Science, American Academy of Environmental Engineers and Scientists – 2018.

Jefferson Science Fellow – National Academies of Sciences, Engineering, and Medicine – 2016-2017.

“League of Materials Super Hero” - TMS Foundation – 2014.

Outstanding Contribution to the Health and Human Services (2-1-1, Orange County) – 2012

Leadership Excellence Award – International OpenCourseWare Consortium – 2012

Outstanding Mentoring Award – American Society for Microbiology Board on Underrepresented Members – 2011

Excellence in Teaching Award (UCI 14<sup>th</sup> Annual Celebration of Teaching), 2007

Best Publication Award – UC Toxic Substances Research & Teaching Program: 2007

Exceptional Mentoring Award – Associated Graduate Students of UC Irvine: 2007

President’s Award: American Society for Civil Engineering (Orange County Chapter): 2006

Professor of the Year Award, Social Ecology Students Association: 2002.



Josiah Macy Jr. Foundation Fellow: 1999 & 2000

AT&T Industrial Ecology Fellow: 2002-2003 and 2003-2004

UNESCO/ASM Visiting Resource Person: 1999/2000

American Association for the Advancement of Science. Enrichment Award: 1987 & 1988

American Institute for Biological Sciences (AIBS). Enrichment Award: 1987

International Institute for Education, Washington DC (IIE). STEP Award: 1987

## Professional Organizations

American Association for the Advancement of Science (Life Member), Fellow

*Sigma Xi* (Life Member) President, Chapter 803, 2000-2001; Executive Secretary, 2001-2002

The Minerals, Metals, and Materials Society (Life Member) Founding member, *Committee on Materials and Society; Chair, 2017*)

American Society for Microbiology (1985 - Present)

American Public Health Association (1998 - Present)

## Selected Editorial Services

### *Board Membership*

*Frontiers of Environmental Science* – Chief Editor for Section on Environment and Human Health, 2019 - Present

*International Journal of Public Health and Environmental Research* (Guest Editor, Special Issue on Hazardous Waste and Human Health, 2015). Editorial Board, 2019 - Present

*European Journal of Soil Biology*, Since 2010

*Circular Economy*, 2021-Present

*Applied & Environmental Microbiology* (Distinguished Service Award, 2005)

*African Journal of Environmental Science and Technology* (Founding Editor)



*Ad hoc Peer Review*

*Lancet-Planetary Health, Nature Communications; Nature Biotechnology; PLOS-One; Science of the Total Environment; PNAS; American Journal of Public Health; Journal of Epidemiology and Community Health; Journal of Bacteriology; Journal of Clinical Microbiology; Microbial Ecology; FEMS Microbiology Ecology; Environmental Science & Technology; Trends in Microbiology; National Geographic Society; Environmental Management and Policy; The Journal of Environment and Development.*

## Selected Professional Services

- 1990: Chair, Molecular Ecology Session 252 (Divisions Q & N). American Society for Microbiology, Annual Conference, Anaheim, CA.
- 1996: Reviewer, United States Environmental Protection Agency (EPA) Panel on Human Health; Biology & Microbiology; Endocrine Disruptors.
- 1998 & 1999: Study Section member, National Institute of General Medical Sciences.
- 2000: Reviewer, U.S. Centers Disease Control and Prevention Pilot Environmental Exposure Assessment.
- 2001: Reviewer, “World Health Report 2002” World Health Organization, Comparative Risk Assessment
- 2002: Reviewer, U.S. Civilian Research and Development Foundation (Armenia-U.S. Bilateral Grants program-III).
- 2002: Reviewer, National Science Foundation, Microbial Observatories Program
- 2003: Convener: Microbial Proteomics: Environmental and Evolutionary Perspectives. American Society for Microbiology, Annual Conference, Washington, DC
- 2003: Discussion Leader: Genomic View of Microbial Stress Response. Gordon Research Conferences – Applied and Environmental Microbiology. Connecticut
- 2004: Reviewer, Proposal to the Kearney Foundation
- 2005: Reviewer, Award Nomination Papers, Institute of Electrical and Electronics Engineers
- 2005: Reviewer, American Society for Microbiology-National Academy of Sciences and UNESCO Microbial Resources Centers (MIRCEN) Joint Program Proposals.
- 2006: Review Panelist, National Strategic Environmental Research and Development Program
- 2006: Reviewer, U.S. Civilian Research & Development Foundation, Iraq Research and Development Initiative.
- 2006: Reviewer, Canadian Institutes of Health Research: Proposal review, Innovation and Industry Programs Branch
- 2010: Distinguished Editor, NIH/Fogarty International Center Panel on Global Health
- 2016 - 2018: Chair, Materials and Society Committee – TMS



- 2012 – Present: Hoover Medal Board of Award
- 2013 – Present: Board of Directors – Association of Schools and Programs in Public Health
- 2014: Advisory organizer, The first TMS summit on creating and sustaining diversity in the minerals, metals, and materials professions (DMMM1) – The National Academy of Sciences, Washington, DC.
- 2014 - 2020: Board of Directors, University of California Global Health Institute
- 2014 - Present: Expert Panel, United Nations Intergovernmental Platform on Biodiversity & Ecosystem Services (IPBES)
- 2015-Present: Co-Chair, Apple Inc., Green Chemistry Advisory Board.
- 2019-12/13 December: Member of Organizing Committee, [Technical and Engineering Challenges of Addressing Sustainable Development](#), Seoul, Korea.
- 2020-Present: Consortium of Universities for Global Health, Competencies Subcommittee
- 2020-Present: Executive Board, Solutions that Scale- <https://sites.ps.uci.edu/solutions/#executive-board>.
- 2020-Present: Advisory Board, Newkirk Center for Science and Society- <https://newkirkcenter.uci.edu/advisory-board/>.
- 2020-2021: Consortium of Universities for Global Health, Global Health Workforce Panel
- 2021 6 July: World Health Organization – Panel Member – World Zoonosis Day
- 2021-Present: Member, Technical Advisory Group, International Tripartite (WHO-FAO-OIA), One Health Competencies – Environment Sector.
- 2021 – Present: Member, Technical Advisory Group, International Tripartite (WHO-FAO-OIA) Field Epidemiology Competencies Project.
- 2021 - Nature Conference on Waste Management and Valorization for a Sustainable Future. Sponsored by Nature Journals: Nature Sustainability; Nature Electronics; Nature Nanotechnology. Korea University, Seoul, Korea.
- 2020-2021 California Metals Coalition study to better understand the impact of hexavalent chromium on workers. “SciPi #276: [Exposure Reconstruction and Dose-Response Assessment for Inhalation Exposures to Hexavalent Chromium](#).”
- 2019-2021 [Cancer Epidemiology Education in Special Populations](#) (CEESP) R25 CA112383 from the National Cancer Institute-CUNY.
- Nov. 2019 External Peer Review for [Health Canada](#) of a Subset of Inorganic Substances Identified as Being of Low Concern. [Risk Sciences International](#).
- June 2019 U.S. Environmental Protection Agency “EPA [15th Annual P3 Awards: A National Student Design Competition Focusing on People, Prosperity and the Planet \(P3\) Phase 2](#).”



March 2019 National Institutes of Health Special Emphasis Panel (SEP) on PAR-16-292 [Mobile Health: Technology and Outcomes in Low and Middle-Income Countries.](#)

## Selected Community Services

2021 – 2023: Member, Green Ribbon Environment Committee, City of Irvine  
2017 – Present: Board of Directors, Latino Health Access  
2016—2017: State of California Community Protection and Hazardous Waste Reduction Initiative  
Advisory Committee, California Department of Toxic Substances Control  
2015 – Present: Steering Committee – Health Improvement Partnerships of Orange County  
2014 – 2020: Board of Directors, 2-1-1OC  
2014 – Present: Leadership Council, Crean College of Health Sciences, Chapman University  
2013 – 2014: Board of Directors, Tiyya Foundation  
2013 – Strategic Planning Committee – United Way  
2012 – Present: Steering Committee – Alliance for a Healthy Orange County  
2009—2012: State of California Green Ribbon Science Panel, Department of Toxic Substances Control

## Selected Grants and Contracts

2021 – 2026. National Institute of Environmental Health Sciences. OCCUPATIONAL AND ENVIRONMENTAL EXPOSURES AND WORK PRACTICES FOR NANOMATERIALS AND ELECTRONIC PRODUCTS - 1R25ES033043-01 Superfund Research Program Occupational Health and Safety Education Programs on Emerging Technologies (PI: Candace Tsai, UCLA) \$1.2 Million. Role: UCI PI.

2021 – 2022. Microsoft, Inc. Sustainable Development of Materials in Printed Circuit Boards for the Next Generation Electronic Products. \$208,598. Role: Co-Principal Investigator.

2021 – 2022. Global Network for Academic Public Health – This is Public Health-Global “Antibiotics Stewardship is Global Health” \$5,000. Role: Principal Investigator

2021 – 2022. Consortium of Universities for Global Health. Delphi Procedure for Next Generation Competencies for One Health. \$5,000. Role: Principal Investigator.

2020 – 2025. Lincoln Dynamic Foundation-World Institute for Sustainable Development of Materials. \$1 Million. Role: Co-Director.

2019 – 2024. USAID One Health Workforce | Next Generation. \$85 Million Prime. Role: UCI PI Subaward \$1,601,466.



- 2019 – 2022. University of California Office of the President. Multi-campus Research Programs and Initiatives (MRPI) award (Grant ID is #MRI-19-600583). “Maximizing the Environmental Utility of Battery Storage” – Role: Co-Principal Investigator. \$270,000.
- 2017 – 2020. California Energy Commission - EPC-16-039 - 07/01/2017 to 06/30/2020  
To develop a Life Cycle Assessment (LCA) of the environmental and human health impacts of emerging energy storage technology deployment. Role: Co-Principal Investigator (Brian Tarroja, PI). \$786,219.
- 2019 – 2024. Clinical and Translational Science Award. Director for Workforce Development. National Institutes of Health (UL1 TR001414) \$19 million.
- 2014 – 2017. Centers for Disease Control and Prevention (CDC) – Orange County Partnerships to Improve Community Health (OC-PICH). Awarded through Community Action Partnership of Orange County (CAPOC). \$4,155,753.
- 2016-Present. University California Office of the President, Innovative Learning Technology Initiative. Online Course Development and Infrastructure Award for the UC Global Health Institute. Principal Investigator. \$520,000 total in direct costs.
- 2014 – 2019. Graduate Professional Success (UCI-GPS) NIH-Broadening Experiences in Scientific Training, \$1.711 Million (David Fruman, PI).
- 2014 – 2015. DTSC 13-T3834. Implementation of AB1879 – California Department of Toxic Substances Control, \$86,000 (Tim Malloy, PI).
- 2014 – 2015. Selecting Materials to Achieve Reduced Toxicity Products – UC Office of the President, \$20,000.
- 2012 – 2016. Partnership for Cancer Health Disparities Research (CSUF and UCI-CFCCC). Internal Advisory Board. *National Institutes of Health*, \$690,575.
- 2010 – 2015. Clinical and Translational Science Award. Unit Director for Research Education, Training, and Career Development. *National Institutes of Health*. \$21 million.
- 2009 – 2012. *Co-Director*. Global Health Framework Program. *National Institutes of Health*. \$405,000.
- 2008-2013. *Principal Investigator*. Research and Education in Green Materials. *UC Toxic Substances Research and Teaching Program*. \$1,600,000.
- 2008 – 2009. *Co-Principal Investigator*. Mitigating the Social and Environmental Impacts of Multimodal Freight Transportation Corridor Operations. *Institute for Transportation Studies*. \$130,921.
- 2005-2011. *Principal Investigator*. Engineering Environmentally-benign Electronics: Convergent Optimization of Materials Use, Consumer Participation, and Government Regulation. *National Science Foundation* \$1,500,000.



- 2003-2006. *Co-Principal Investigator*. The Industrial Ecology of the Urban/Ocean Interface: A Systems Perspective on the Optimization of Best Management Practices. *USC Sea Grant Program*. \$160,000.
- 2002-2005. *Principal Investigator*. Biocomplex Dimensions of Industrial Ecology: Sectoral Trade-offs in the Management of Toxic Metals Used in Electronics Products. *National Science Foundation*. \$125,000.
- 2002-2005. *Principal Investigator*. Managing Toxic Metals in Electronics Waste: Future Implications of Alternative Policies for the Health, Environment, and Economy Sectors in California. *Toxic Substances Research and Teaching Program*. \$150,000.
- 2002-2004. *Principal Investigator*. Towards a UCI Center for Industrial Ecology: Integrating Materials Science, Engineering, Economics, and Environmental Health at UCI. *Executive Vice Chancellor's Initiative*. \$30,000.
- 2001-2003. *Co-Principal Investigator*. Case Study for Industrial Ecology: Lead (Pb) Use in the Electronics Industry. *AT&T Foundation*. \$50,000.
- 2001-2002. *Principal Investigator*. *Exegesis of Restorative Environments*. *Claire Trevor School of the Arts*. \$4,000.
- 1999-2001. *Principal Investigator*. Projecting local burden of disease in Sub-Saharan Africa: Planning for health in a changing global environment. *Global Forum for Health Research*. \$50,000.
- 1995-1999. *Co-Principal Investigator*. Norwalk Virus-Like-Particles (VLPs) for Studying Natural Groundwater Disinfection. \$700,000. *National Science Foundation & U.S. Environmental Protection Agency*.
- 1993-1995. *Principal Investigator*. Public Issues in Biotechnology. *University of California System-wide Biotechnology Research and Education Program*. \$7,000.
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- 1990-1991. *Principal Investigator*. Gene Amplification and Expression in Bacteria for Increased Detoxification of Polychlorinated Biphenyls. *University of California System-wide Toxic Substances Research and Teaching Program*. \$45,775.





# Publications

## VIDEOS

### 1. Title: Daniel Stokols & Oladele Ogunseitan

Date: 2015

Collection: UCI Stories Video Oral Histories Collection

Owning Institution: UC Irvine, Libraries, University Archives

Source: Calisphere

Permalink: <https://calisphere.org/item/c5e64490-d4fd-4e18-8431-2b257e548096/>

**CALISPHERE**  
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Contributing Institutions | C

UC Irvine, Libraries, University Archives > UCI Stories Video Oral Histories Collection > Daniel Stokols & Oladele Ogunseitan

**Moving Image set / Daniel Stokols & Oladele Ogunseitan**

58:25 59:37



2. Title: Oladele Ogunseitan on E-Waste

Date: 2010

Collection: University Communications

Owning Institution: UC Irvine

Source: YouTube

Permalink: [https://youtu.be/\\_yMzEh0kuTc](https://youtu.be/_yMzEh0kuTc)



Oladele Ogunseitan on E-Waste - UC Irvine



**uc Irvine**

5.52K subscribers

UC Irvine's E-waste expert Oladele Ogunseitan seeks to eradicate toxins from cell phones, computers and other common products. Video by Kerrin Piche Serna, University Communications.

More: [http://zotzine.uci.edu/2010\\_01/Oladel...](http://zotzine.uci.edu/2010_01/Oladel...)



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- 7) Singh, N., O.A. Ogunseitan, Y. Tanga, and M.H. Wong. 2021. Potential Energy Savings Associated with Preventing Petrochemical Plastics Pollution and Transition to Sustainable Material Alternatives. *Energy & Environmental Science* (Royal Society of Chemistry). Under Review.
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- Ogunseitán** OA, Rochelle PA and BH Olson. 1989. Cleaning up the environment using genetic ecology. *ASM Biotechnology Conference*. Orlando, Florida.
- Ogunseitán** O.A. and G.S. Sayler. 1989. Interaction between transducing viruses and *Pseudomonas aeruginosa* in freshwater. *American Association for the Advancement of Science*. San Francisco. CA.
- Ogunseitán** O.A. and G.S. Sayler. 1988. Aquatic bacteriophage dynamics studies with DNA probes. *American Association for the Advancement of Science*. Boston, MA.
- Miller R.V., Saye D.J. **Ogunseitán** O.A. and G.S. Sayler. 1986. Gene transfer in freshwater environments. *European Molecular Biology Organization Conference Proceedings*. Geneva, Switzerland.



# Selected Invited Seminars, Workshops, and Panels

University of California Office of the President: Digital Transformation of UC: The Next Chapter.  
Main Stage Panel, Moderated by Dr. Laura Rosenzweig, 22 October 2021.

Nature Conferences: Waste Management and Valorization – Seoul, Korea – 27 October 2021.

World Health Organization: “World Zoonoses Day” Intertwined, How animal diseases impact human lives and livelihoods. Panelist. 6 July 2021.

ICWMT-16 Beijing, China: The International Conference on Waste Management and Technology (ICWMT) initiated by Basel Convention Regional Center for Asia and Pacific (ICWMT-16) Beijing, China – Keynote Speaker (Zoom). “Solutions that Scale to Zero E-Waste.”

University of California Office of the President: Innovations in Online and Digital Education Speaker Series. [Diversity, Equity, and Inclusion Online](#). March 9<sup>th</sup> 2021.

University of Washington, Seattle, School of Public Health: October 15<sup>th</sup>, 2020. Presentation: “Proteomics, Personal Products, and Pollution Prevention Paradigms.”

Columbia University, Department of Earth and Environmental Engineering: September 18<sup>th</sup>, 2020. Presentation: “Zero-Carbon California Lifecycle Assessment of Flow Batteries in the Grid.”

ICWMT-15 Beijing, China: The International Conference on Waste Management and Technology (ICWMT) initiated by Basel Convention Regional Center for Asia and Pacific (ICWMT-15) Beijing, China – Keynote Speaker (Zoom). “Mining the Metropolis to Zero Waste.”

Columbia University, New York, Mailman School of Public Health – 19 November 2018  
Sensitivity of Population Health Indicators to Climate Change: Case Studies in Resilience.

UC Hastings College of Law, San Francisco – 11 September 2018  
Challenging Environmental Orthodoxies.

Keynote Speaker – 13<sup>th</sup> International Conference on Waste Management, Beijing, China, 2018.

Keynote Speaker – Undergraduate Research Symposium – UC Irvine – 2016.

Speaker – LA Global Health Forum – UCLA – 2016.

Keynote Speaker - 4<sup>th</sup> Climate Change and Population Conference on Africa – University of Accra, Ghana – 29 – 31 July, 2015.

University of Michigan, Ann Arbor – Science, Technology, Engineering and



Mathematics – Africa Conference – April 1 – 4 , 2014.

Keynote Speaker, Annual Research Symposium - College of Science, Mathematics and  
Technology –Alabama State University, Montgomery - March 19th and 20th 2014.

Keynote speaker, Eighth International Conference on Waste Management and  
Technology (ICWMT8), Shanghai, China, 23-25 October 2013.

Washington University of St. Louis, Program in Public Health - Brown School –  
February 7<sup>th</sup> 2012.

COSMOS – Distinguished Lecturer, UC Irvine, June 29<sup>th</sup> 2011.

Social Medicine Concentration, UC Irvine School of Medicine (22<sup>nd</sup> September 2010)

Global Leadership Institute, UC Irvine – Korea (4<sup>th</sup> August 2010)

IPC – Association Connecting Electronics Industries. “Renovating the Electronics Revolution.” Irvine,  
CA. November, 2009.

UC Riverside: Environmental Toxicology Graduate Program. "Green Materials Initiatives and the  
Global Burden of Disease." June 3<sup>rd</sup>, 2009.

British Consulate General, Los Angeles. “Promoting Health Development and Disease Prevention –  
Healthy Children Make Healthy Adults.” UK/USA Healthy Development Workshop. 20 February  
2009.

Ecohydrology and Sustainability: Public Health. Session Chair and Panelist. UNESCO/USGS/UCI  
International Conference on Water Scarcity. 3 December 2008.

Gifted Students Academy. UC Irvine. “Public Health and the Law.” 6 December 2008.

Harvey Mudd College, Claremont, CA. Global Forum. 03-28-08.

Clinical Foundations-I: Burden of Disease Assays and Preventive Strategies in Public Health- Thursday  
Oct 2, 2008. UC Irvine School of Medicine.

UC Irvine Department of Emergency Medicine. EMRAP Program. 11/26/07

UC Irvine School of Medicine, International Health Selective Program. 01-24-08 (Also 2009)

University of Auckland, New Zealand. Workshop on Sustainability Engineering and Science. 20-24  
Feb 2007.

UC Irvine Department of Ecology and Evolutionary Biology. 03/02/07

Oklahoma State University, Department of Microbiology and Molecular Genetics. 04/17/06.

Carnegie Mellon University, Pittsburgh. Department of Civil and Environmental Engineering –  
Water Quality in Urban Environmental Systems. 12/08/05.



UCLA Department of Ecology and Evolutionary Biology. 04/20/05.

UC-San Diego. "Build Green" Conference on Sustainable Development. 09/14/05.

International Institute for Applied Systems Analysis, Austria. 05/21 – 26/04

MIT, Department of Civil and Environmental Engineering. 06/13/94

University of California, Berkeley, Goldman School of Public Policy & Energy and Resources Group.  
04/05/01.

Yale University, International Health Program. 04/14/01.

Emory University, Rollins School of Public Health, 01/18/01.

Harvard University, Global Environmental Assessment Team, Kennedy School of Govt. 09/11/00

University of California, Riverside, Department of Environmental Sciences. 03/23/98

Stanford University, Department of Civil and Environmental Engineering. 01/28/94

Brazilian Society for Microbiology, Santos, Sao Paolo, Brazil. 09/09/93

California Institute of Technology, Southern California Microbial Physiology Society. 02/10/90

## Selected Invited Community Lectures

Ogunseitan, O.A. 2020. COVID-19 Conversations - [https://youtu.be/YLc57\\_qslJ4](https://youtu.be/YLc57_qslJ4).

Ogunseitan, O.A. 2018. Climate change solutions – National Academy of Sciences, UC Irvine

Ogunseitan, O.A. 2008. Climate Change and Public Health. Focus the Nation. UC Irvine, January 31, 2008.

Ogunseitan, O.A. 2006. Effluent filtration and the urban/watershed interface. Trash and Debris Taskforce, Orange County. March.

Ogunseitan, O.A. 2004. The industrial ecology of the urban/ocean interface. Orange County Infrastructure Report card. December.

Ogunseitan, O.A. 2001. International country study programs and the question of hegemony in the framing of global environmental assessments. *Greening X*. Irvine, CA. January 27, 2001.

Ogunseitan, O.A. 2001. Urban Chemicals and Water Quality. *UCI-Think Forum/L.A. Times*. March, 2001.

Ogunseitan, O.A. 2000. Various Shades of Green Communities: Linking Environmental Assessments to the Burden of Disease. *UCI-Think Forum/L.A. Times*. November 29, 2000.



Ogunseitan O.A. 1993. The New Environmental Activism and Emerging Dimensions in the Physical and Biological Sciences. **Leadership Tomorrow**. Newport Dunes, CA.

Ogunseitan, O.A. 1993. Cleaning up the Environment with Biotechnology. **John Feltman Memorial Lectures: UCI Frontiers of Knowledge**. April 23, 1993.

Ogunseitan O.A. 1992. Toxic Waste Problems and Solutions: Environmental Biotechnology and the New Industrial Ecology. **The National Exchange Club**.

Ogunseitan O.A. 1992. Applications of Environmental Bioremediation in the Petrochemical Industry. **Laguna Hills Petroleum Club**. June 8, 1992.

## Selected Public Media Writings and Citations

*Los Angeles Times* October 14, 1991. Feature Article. "Scientists Work to Harness Bacterial Detoxification Capacities."

*Contra Costa Times* December 30, 1991. Learning and Technology Section. "Bacteria to the Rescue: Microbes Munch on Pollutants."

*Orange County Register* July 8, 1994. "Smog Sales Smoking. Environment: Commerce for Credit is Producing Major Transactions."

*Water Environment & Technology News* July 1998. Pharm-Ecology: Studies indicate drugs in water may come from effluent discharges. Volume 10 (7):17-23.

*Harvard Crimson* 29 October 1999. *Op-Ed*. "Na Democracy Man Go Chop."

*Harvard Crimson* 2000. 21 April 2000. *Op-Ed*. "The Future of the EPA."

*Orange County Register*. 2001. "UCI Proposes Urban Water Research Center."

*Orange County Register*. March 22, 2005. "Shaped by Perceptions". By Valerie Takahama.

*Los Angeles Times*. May 10, 2005. "Thunder Road." By Joe Robinson, Times Staff Writer. Based on the restorative effect of wild landscapes and waterfalls.

*Orange County Register*. 8-16-2005. "Daylighting" Project to test Great Park Waters.

*Daily Pilot*. August 19, 2005. "UC-Irvine Scientists Tackle Electronic Waste".

*The Californian*, January 25, 2006. "Residents Upset with Park Sludge".

*BBC Radio*, London, England. 13 April 2007. "Cellular Phones are Hazardous Waste".

*New Scientist*, U.K. 21 April 2007. Cellphones: a pollution risk. Issue 2600, page 23.

<http://www.newscientist.com/article/dn11682-cellphones-a-pollution-risk.html>

*Natural History*. July/August 2007. "Talk is Toxic". Page 16.

<http://www.nhmag.com/samplings/201376/talk-is-toxic>

*New York Times*. 13 January 2008. The Afterlife of Cellular Phones, by Jon Mooallem.

<http://www.nytimes.com/2008/01/13/magazine/13Cellphone-t.html>

*National Broadcasting Corporation*. 10 March 2008. Pharmaceutical Drugs in Drinking Water.



Project Syndicate. “The Wild West of Electronic Waste.” January 2009. <http://www.project-syndicate.org/commentary/ogunseitani/English> (Translated into Spanish, Russian, French, German, Chinese and Arabic)

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8 Nov. 2019 Deborah Schoch: “[Woolsey Fire Crippled Boeing Water Safety System at Toxics Site.](#)” NBC News.

3 April 2019 *Frontiers Science News*: “[How to protect the environment from toxic pollutants? Find the answer across disciplines.](#)”

15 March 2019 *Nature Electronics*, Editorial: “The road to recovery: Electronic waste is a global problem that requires global action.” *Nat Electron* 2, 85 (2019). <https://doi.org/10.1038/s41928-019-0231-4>.





## Selected University Service

- 2021: Member, Search Committee, Dean of Social Ecology
- 2020 - 2022: Member, Academic Planning Group – Advisory to the Provost
- 2020: UC Systemwide Covid-19 Symptom Screening Taskforce – Analysis Subgroup.
- 2019-2020: Investigation Committee – Office of Research
- 2019-2020: UC Systemwide Academic Advisory Committee – Search for UC President
- 2019-2022: UC Systemwide Committee on Faculty Welfare – Health Care Task Force
- 2018-Present: UC Irvine Naturescape committee
- 2017-Present: UC Systemwide Center Sacramento – Steering Committee
- 2016-Present: Scholars at Risk Review Committee
- 2015: Chair, Search Committee for Dean, School of Social Ecology
- 2015: Member, Search Committee, Vice Chancellor for Health Affairs
- 2015: Member, Faculty Advisory Committee, Blum Center for Poverty Alleviation
- 2014-2015: Member, Education Committee, Sustainability Institute
- 2012 – Present: Member, Faculty-Staff Advisory Board, Student Support Services
- 2009 – 2012: Member, Academic Senate Committee on Committees.
- 2006: Member, Pandemic Planning Committee – Campuswide.
- 2006: Chair, Master of Public Health Degree Development Committee
- 2006: Chair, Review Committee for the Establishment of the Department of Epidemiology
- 2006: Member, Deans and Faculty Panel. “Destination UCI” Santa Clara and Berkeley California. April 1-2, 2006.
- 2004/2005: Member, Strategic Planning Committee, School of Social Ecology
- 2003-2005: Chair, Undergraduate Public Health Degrees Development Committee (B.A. Public Health Policy; and B.S. Public Health Sciences).
- 2003-2010: Member, Advisory Council, College of Health Sciences, UCI.  
Member, Council on Academic Personnel (**Chair**, 2005 – 2006).
- 2002–2003: Member, Search Committee for Microbial Ecologist (Earth System Science).
- 2001-2003: Member, Undeclared, Unaffiliated Students Advisory Board, UC-Irvine.
- 2001-2003: Graduate Advisor, Department of Environmental Analysis and Design.
- 2001-2002: Acting Chair, Department of Environmental Analysis and Design, UC-Irvine.
- 2000-2001: Co-Chair, Faculty Search Committee, International Cooperation in Health.
- 2000-2001: Member, Steering Committee: Urban Water Research Center.
- 1998-1999: Member, Dean Search Committee, School of Social Ecology, UC-Irvine.
- 1998-1999: Graduate Advisor, Department of Environmental Analysis, UC-Irvine.
- 1995-1998: Member, Faculty Executive Committee, School of Social Ecology, UC-Irvine.
- 1994-2001: Faculty Advisor, Undeclared Freshmen, Division of Undergraduate Education.
- 1994-1996: Member, Academic Senate Representative Assembly, UC-Irvine.
- 1994-1997: Member, Academic Senate Committee on Courses, UC-Irvine.
- 1992-1996: Faculty Advisor, MacNair Program, Office of Research and Graduate Studies.



# Teaching – Sample Evaluations

## Global Burden of Disease (PubHlth-280)

Fall 2020 Student Evaluations on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = Mean = **7.43 (Median = 9.0)**

Grade for Instructor = Mean = **7.0 (Median = 9.0)**

## Disparities in Health Care (PubHlth-91)

Winter 2021 Student Evaluations on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = **8.59 (Median = 9.0)**

Grade for Instructor = Mean = **8.34 (Median = 9.0)**

## Introduction to Global Health (PubHlth-170 (Online))

Spring 2020 on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = **7.48 (Median = 8.5)**

Grade for Instructor = Mean = **7.79 (Median = 9.0)**

## Introduction to Global Health (PubHlth-170 (Online))

Fall 2020 on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = **7.53 (Median = 8.0)**

Grade for Instructor = Mean = **7.41 (Median = 8.0)**

## Global Health Ethics (PubHlth-174)

Winter 2021 on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = **8.31 (Median = 9.0)**

Grade for Instructor = Mean = **8.39 (Median = 9.0)**

## Global Health Policy and Diplomacy (PubHlth-177)

Winter 2021 on a Scale of 1 – 9, with 9 being highest (A)

Overall Value of Course = **8.20 (Median = 9.0)**

Grade for Instructor = Mean = **8.40 (Median = 9.0)**



# Mentoring

## Faculty members from other institution who came to work with me

- Dr. Tak Hur (Korea) Visiting Professor, 2006 – 2007
- Dr. Mehran Shivani, Isfahan University, Iran (2013-2016)
- Dr. Jie Guo (China- SJTU), Shanghai Jiao Tong University, 2016-2017
- Dr. Mengjun Chen (China) Visiting Researcher, 2012 - 2013
- Dr. Sheena Tang (Taiwan) Fulbright Scholar, 2011
- Dr. Hyun Bae (Korea) 2014 – 2016

## Postdoctoral fellows who worked under my supervision

- Dr. Mojgan Sami (2014-2019)
- Dr. Natalia Milovantseva (2018-2019)
- Dr. Deborah Lefkowitz (2019-2020)
- Dr. Narendra Singh (2018 – Present)
- Banafshe Khalili (2012 – 2017)
- Dr. Yuki Takatsuka, 2006 - 2008
- Dr. Amrit Bhuie, 2002 – 2004
- Dr. Antoinette Stein, 2002 – 2003
- Dr. Peter Noble, 2000
- Dr. Qui Xie, 1996 – 1998

## Ph.D. Graduates who worked under my supervision and their current positions

- Dr. Tamara Jimah – 2020 (Postdoc, UCI School of Nursing)
- Dr. Jaime Allgood – 2020 (JD-PhD) Hawaii Environmental Law
- Dr. Melissa Matlock – 2020 Western Municipal Water District
- Dr. Sara Cousins, 2017 – School of Medicine/Social Ecology
- Dr. Kathleen Hibbert, 2013 – U.S. Environmental Protection Agency
- Dr. Daniel Kang, 2012 – Los Angeles
- Dr. Rupak Datta, 2012 – School of Medicine, Yale University
- Dr. Courtney Reynolds, 2011 – School of Medicine, UCLA
- Dr. Rosa Canizares-Gonzalez, 2011 – University of Granada, Spain
- Dr. Tony Chan, 2009 – City of Long Beach Environmental Planning
- Dr. Aaron Hipp (2009) – Associate Professor, South Carolina State University



Dr. Sharon Brown (2008) – North Carolina Dept. of Health and Human Services

Dr. Kelly Pollack (2008) – Senior Scientist, Geosyntec Corporation

Dr. Sarah Becker (2007) – Central Intelligence Agency – United States

Dr. Toby Warden (2007) – National Academy of Sciences, Washington, DC

Dr. Eunice Chern (2007) – United States Environmental Protection Agency

Dr. Lisa Sander (2006) – Environmental Consulting Firm

Dr. Simon Dagenais (2005) – Palladian Health Corporation

Dr. Hannah Aoyagi (2006) – Washington State Department of Ecology

Dr. Maritza Jauregui (2003) – Professor of Public Health,  
Stockton College, New Jersey.

Dr. Timothy Smith (2003) – Neurosurgeon, Harvard Medical School

#### **Current Ph.D. Candidates**

Gabrielle Gussin (Pre-candidacy)

Maryam Ibrahim (Pre-candidacy)

#### **M.S. Graduates who worked under my supervision**

Michelle Chu (2007)

Kelly Pollack (2004)

Christopher Heinrich (2004)

Elaine Lukey (2001)

Stacy Yang (2000)

#### **M.P.H. Practicum Students**

Ruoxue Wu (2022)

Dariel Flores (2021)

Michael Ramirez (2020)

Kameko Washburn (2019)

Danika Makris (2018)

Permjeet Singh (2017)

Jacquelyn Boone (2017)

Tatyana Litvin (2016)

Zahra Nemati (2015)

Felice Shang (2015)



Briana DeKine (2015)

Stephanie Hammel (2014)

Nicola Shin Yu Shu (2014)

Wendy Hermosilo (2015)

Winter Mogos (2015)

**More than 100 undergraduate students supervised in research activities, including:**

Sarah Wang Public Health Honors Research (Antibiotic Resistance, 2019 – 2021)

*Winner, Upper Division Writing Award in the category of "Science and Technology" – 28<sup>th</sup> Annual Writing Awards, 2021 <http://writing.uci.edu/writing-contests/>.*

Dhruvi Chauhan (2016-2018, with Dr. Mo Sami, and more than 20 other students on the OC-PICH study)

Ian Tang (2015)

Keerthanaa Jeeva (2014-2015)

Kelsi Vahid Schechter (2014)

Jacob Anderson (2013-2014)

Richard Remigio (now at Columbia University)

Elyssa Margallo (earned MPH at SDSU and now at Research Foundation Institute for Behavioral and Community Health)

Stephanie Hammel (now at Danish Center for Occupational Health)

Diana W. Tsai (Pharmacist)

Kimberly Balazs (Educator – La Quinta School District)

Allyson Dong (Associate Planner at Environmental Planning Associates)

Antonella Castro (Vice Chair at United Way of Orange County Women Looking Forward)

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## Contact Information

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