

BIOGRAPHICAL SKETCH — Lisa D. White
Museum of Paleontology University of California, Berkeley

(a) Professional Preparation

San Francisco State University (Geology)	B.A., 1984
University of California, Santa Cruz (Earth Sciences)	Ph.D., 1989

(b) Appointments

2012-	Director of Education and Outreach, Museum of Paleontology, University of California, Berkeley.
2012-	Adjunct Professor, Department of Earth and Climate Sciences, San Francisco State University.
2001-2012	Professor of Geology, Department of Geosciences, San Francisco State University.
2008-2012	Associate Dean, College of Science and Engineering, San Francisco State University.
2006-2008	Associate Dean, Division of Graduate Studies, San Francisco State University.
2005	Visiting Professor, Department of Geology and Geophysics, University of New Orleans, New Orleans, Louisiana.
2001-2004	Chair, Department of Geosciences, San Francisco State University.
1995-2001	Associate Professor of Geology, Dept. of Geosciences, San Francisco State University.
1990-1995	Assistant Professor of Geology, Dept. of Geosciences, San Francisco State University.
1988-1995	Coordinator, Minority Participation in the Earth Sciences program (MPES), U.S. Geological Survey, Menlo Park, CA, 5/88-6/95.

(c) (i) Products

1. **White, Lisa D.**, Cooper, Sharon R., and Lewis, Jonathan C., 2018. A-STEP to Understanding Science: IODP School of Rock and Ambassadors for STEM Education to Enhance Participation. Abstract ED12A-12 presented at *the 2018 Fall Meeting, AGU, Washington, DC*.
2. Cooper, Sharon R., **White, Lisa D.**, Lewis, Jonathan C., and Terezow, Marianna, 2018. Expanding Geoscience On-ramps with Innovative Professional Development Models: IODP School of Rock, Abstract ED07-59 presented at the *2018 Fall Meeting, AGU, Washington, DC*.
3. **White, Lisa D.**, Clites, E, Ross, R., Duggan-Haas, D., 2017. Explorations in the geology, sedimentology, and paleontology of the Kettleman Hills in Central California through virtual fieldwork experiences, *Geological Society of America Abstracts with Programs*. Vol. 49, No. 7.
4. Bean, J.R. and **White, L.D.**, 2015. Providing Context for Complexity: Using Infographics and Conceptual Models to Teach Global Change Processes. Abstract ED23A-051 presented at the *2015 Fall Meeting, AGU, San Francisco, CA*.
5. **White, L.D.**, 2013. Engaging the Next Generation of Earth Scientists: Project METALS (Minority Education Through Traveling and Learning in the Sciences). Abstract 1815028 presented at *2013 Fall Meeting, AGU, San Francisco, CA*.

(c) (ii) Other significant products

1. Marshall, C.R., Finnegan, S., Clites, E.C., Holroyd, P.A., Bonuso, N., Cortez, C., Davis, E., Dietl, G.P., Druckenmiller, P.S., Eng, R.C., Garcia, C., Estes-Smargiassi, K., Hendy, A., Hollis, K.A., Little, H., Nesbitt, E.A., Roopnarine, P., Skibinski, L., Vendetti, J., **White, L.D.**, 2018. Quantifying dark data in museum fossil collections as palaeontology undergoes a second digital second digital revolution. *Biology Letters* 14: 20180431.
2. **White, Lisa D.**, and Holroyd, P.A., 2018. Transfer of the San Francisco State University collection to the UC Museum of Paleontology. *Journal of Paleontology*, 28 August 2018.
3. Barnosky, A.D., Matlock, T. Christensen, J., Han, H., Miles, J., Ronald E. Rice, R.E., Westerling, L., and **White, L.D.**, 2016, Establishing Common Ground: Finding Better Ways to Communicate About Climate Disruption. In, *Bending the Curve: 10 scalable solutions for carbon neutrality and climate stability. Collabra*, 2(1), 23, pp. 1-20
4. National Research Council, Committee on Trends and Opportunities in Federal Earth Science Education, 2013. Goldstein, A. (Committee Chair), Asher, P., Cozzens, S., Manduca, C., Pyle, E., Riggs, E., Turekian, K., and **White, L.**, 2013. *Preparing the Next Generation of Earth Scientists: An Examination of Federal Education and Training Programs*. Washington, DC: The National Academies Press.
5. UC Museum of Paleontology and the California Academy of Sciences, 2013. *How Science Works*, an iTunesU course and iBook on *Understanding Science*.

(d) Synergistic Activities

1. STEM diversity, access, and inclusion
PI, Ambassadors for STEM Training to Enhance Participation (A-STEP), 2018-present; Co-PI, Fieldwork Inspiring Expanded Leadership and Diversity (FIELD), 2016-present; Co-PI, Biodiversity Literacy in Undergraduate Education – Data Initiative [BLUE Data Network]; PI, Reaching out to Communities and Kids with Science in San Francisco, 2001-2017; Meeting Chair, National Association of Black Geologists and 30th Annual Technology Conference, San Francisco, CA, Sept. 2011.
2. Professional development for science teachers
Instructor, *IODP School of Rock*, 2013, 2017, and 2018; Coordinator, *Think Evolution* professional development workshop, UC Museum of Paleontology, 2012-present; Co-PI, CA Math and Science Partnership Project, Working to Improve Science Education (WISE), S.F. Unified School District, 2003-2011; Project Advisory Board, *Understanding Evolution*, and *Understanding Science*, UC Museum of Paleontology, 2002-2008.
3. Web-based instructional development
Co-author, *How Science Works*, an iTunesU course on *Understanding Science*, collaboration between the UC Museum of Paleontology and the California Academy of Sciences, 2013; Contributor, *Understanding Global Change: A web-based resource for teachers and the public*, UC Museum of Paleontology, 2012-present; Project Manager, *The Tree Room: Teaching and learning about evolutionary relationships*, UC Museum of Paleontology, 2012-present; Co-PI NSF Digitization TCN: Collaborative: Documenting Fossils Marine Invertebrate Communities of the Eastern Pacific virtual field experience modules, 2015-present.
4. Workforce training in Earth and ocean science
Member, National Research Council Ocean Studies Board, 2012-present; Organizing Committee Member, Summit Series on the Future of Undergraduate Geoscience Education, 2014-present; Advisory Board, Interdisciplinary Teaching about Earth for a Sustainable Future (InTeGrate) 2015-18; Member, National Research Council, Committee on Trends and Opportunities in Federal Earth Science Education, 2011-2013; Associate Dean of Graduate Studies at SF State responsible for recruiting, outreach, and diversity, 2006-2008; Chair, President's Advisory Committee on Univ Relations, Univ. Corp. for Atmospheric Research (UCAR), Boulder, CO, 2007-2011;