Noteworthy Publications (# of citations as of 11/03/18 in parentheses)

1. **Blunt, S.M., J. Sackett, M.J. Benotti, M.R. Rosen, R. Trenholm, B. Vanderford, B.P. Hedlund, and D.P. Moser.** 2018. Association between degradation of pharmaceuticals and endocrine-disrupting compounds and microbial ecology along a treated wastewater gradient in Lake Mead, Nevada. Sci. Total. Environ. **622:**1640-1648.
2. **Hamilton-Brehm, S.D., L.T. Hristova, S.R. Edwards, J.R. Wedding, B.R. Kruger, D.P. Moser.** 2018. Ancient human mitochondrial DNA and radiocarbon analysis of archived quids from the Mule Spring Rockshelter, Nevada. PLOS-One. **13**(3):e0194223.
3. **Sackett, J.D., D.C. Huerta, B.R. Kruger, S.D. Hamilton-Brehm, D.P. Moser.** 2018. Comparative microbiological and biogeochemical characterization of Devils Hole and the Ash Meadows Fish Conservation Facility, a constructed analog. PLOS-One. **13**(3):e0194404.
4. **Becraft, E.D., T. Woyke, J. Jarett, N. Ivanova, F. GodoyVitorino, N. Poulton, J.M. Brown, J. Brown, M. Lau, T. Onstott, J. Eisen, D.P. Moser, R. Stepanauskas,** 2017. Rokubacteria: genomic giants among the uncultured bacterial phyla. Frontiers Microbiol. **8:**226.
5. **Blunt, S.M., M.J. Benotti, M.R. Rosen, B.P. Hedlund, D.P. Moser.** 2017. Reversible reduction of estrone to 17β -estradiol by *Rhizobium*, *Sphingopyxis*, and *Pseudomonas* Isolates from the Las Vegas Wash. J. Environ. Qual. **46:**281-287.
6. **Thomas, J.M., D.P. Moser, J.C. Fisher, J. Reihle, A. Wheatley, R.L. Hershey, C. Baldino, D. Weissenfluh.** 2013. Using water chemistry, isotopes and microbiology to evaluate groundwater sources, flow paths and geochemical reactions in the Death Valley Flow System, USA. Proc. Earth. Planet. Sci. **7:**842-845.
7. **Wanger, G., G. Southam, T.C. Onstott, D.P. Moser.** 2012. Mobile hydrocarbon microspheres from 2 billion year old carbon-bearing seams in the South African deep subsurface. Geobiology**. 10:**496-505.
8. **Labahn, S.K., J.C. Fisher, E.A. Robleto, M.H. Young, D.P. Moser.** 2010. Microbially-mediated aerobic and anaerobic degradation of acrylamide in a western U.S. irrigation canal. J. Environ. Qual. **39:**1563–1569.
9. **Navarro, J.B., D.P. Moser, A. Flores, C. Ross, M.R. Rosen, H. Dong, G. Zhang, and B.P. Hedlund.** 2009. Bacterial succession within an ephemeral hypereutrophic Mojave Desert playa lake. Microb. Ecol. **57:**307-20.
10. **Chivian, D., E.J. Alm, E.L. Brodie, D.E. Culley, P.S. Dehal, T.Z. DeSantis, T.M. Gihring, A. Lapidus, L.-H. Lin, S.R. Lowry, D.P. Moser, P. Richardson, G. Southam, G. Wanger, L.M. Pratt, G.L. Andersen, T.C. Hazen, F.J. Brockman, A.P. Arkin, T.C. Onstott.** 2008. Environmental genomics reveals a single species ecosystem deep within the Earth. Science. **322**:275-278. (Cited 318 times).
11. **Costa, K.C., J. Hallmark, D.P. Moser, D. Soukup, S. Labahn, J.B. Navarro, and B.P. Hedlund.** 2008. Geomicrobiological changes in two ephemeral desert playa lakes. Geomicrobiol. J. **25**:250-259.
12. **Lin, L.H., P.L. Wang, D. Rumble, J. Lippmann-Pipke, E. Boice, L.M. Pratt, B.S. Lollar, E.L. Brodie, T.C. Hazen, G.L. Andersen, T.Z. DeSantis, D.P. Moser, D. Kershaw, and T.C. Onstott.** 2006. Long-term sustainability of a high-energy, low-diversity crustal biome. Science **314:**479-482. (Cited 311 times).
13. **Sherwood Lollar, B., G. Lacrampe-Couloume, G.F. Slater, J. Ward, D.P. Moser, T.M. Gihring, L.-H. Lin, and T. C. Onstott.** 2006. Unravelling abiogenic and biogenic sources of methane in the Earth's deep subsurface. Chemical Geology. **226:**328-339. (cited 193 times).

14. **Moser, D.P., T.M. Gihring, F.J. Brockman, J.K. Fredrickson, D.L. Balkwill, M.E. Dollhopf, B. Sherwood Lollar, L.M. Pratt, E. Boice, G. Southam, G. Wanger, B.J. Baker, S.M. Pfiffner, L.-H. Lin, and T.C. Onstott.** 2005 *Desulfotomaculum* spp. and *Methanobacterium* spp. Dominate 4-5 km Deep Fault. Appl. Environ. Microbiol. **12:**8773-8783. (Cited 152 times).
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19. **Leonardo, M.R., D.P. Moser, E. Barbieri, C.A. Brantner, B.J. MacGregor, B.J. Paster, E. Stackebrandt, and K.H. Nealson.** 1999 *Shewanella pealeana*, sp. nov., A member of the microbial community associated with the accessory nidamental gland of the squid *Loligo pealei*. Intern. J. Syst. Bact. 4:1341-51. (Cited 72 times).
20. **Venkateswaran, K., D.P. Moser, M.E. Dollhopf, D.P. Lies, D.A. Saffarini, B.J. MacGregor, D.B. Ringelberg, D.C. White, M. Nishijima, H. Sano, J. Burghardt, E. Stackebrandt, and K.H. Nealson.** 1999. Polyphasic taxonomy of the genus *Shewanella* and description of *Shewanella oneidensis* sp. Intern. J. Syst. Bact. **49:**705-724. (Cited 604 times).
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