

Meijun Dong

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EDUCATION:

B. Sc. Hebei Normal University, China 2007-2011
Ph.D. Texas Tech University, United States of America, 2012-2019

ACADEMIC POSITIONS:

2019-present Postdoc, Guangdong Institute of Microbiology, Guangzhou, China
2012-2019 Teaching Assistant, Texas Tech University, United States of America

AREAS OF RESEARCH INTEREST:

Microbial ecology
Biodegradation of anthropogenic pollutants
Bioinformatics and metagenomics

Research Projects:

- Terrestrial Toxicity Investigation of Gas-to-Liquids Fluids for Land-Based Drilling Applications-Phase II, 2011-2013, \$69,990
- Sampling for Reproductive and Developmental Recovery in Fish from the Gulf of Mexico One Year after Exposure to BP Oil / Dispersants, 2011-2012, \$115,000
- An examination of GtL and biodiesel drilling oil bases on soil microbial community processes, 2013-2018, \$89,990

Honors & Awards

- Graduate Student Research Support Award, 2019, United States of America
- Texas Tech University Graduate School Poster Competition Award, 2017&2018, United States of America
- 8th Texas Tech Annual Biological Sciences Symposium Oral Presentation Award, 2017, United States of America
- 7th SETAC World Congress Travel Award, 2016, United States of America
- TTUAB Grants-In-Aid Competition Award, 2016, United States of America
- Study Abroad Competitive Scholarship, 2015-2017, United States of America
- Professional Scholarship, 2007-2010, China
- University College of Technology & Innovation Award, 2008-2009, China

Publications

1. Carr, D., Smith, E., Thiyagarajah, A., Cromie, M., Crumly, C., Davis, A., **Dong, M.**, Garcia, C., Heintzman, L., Kouth, K., Hopper, T., Morris, K., Ruehlen, A., Snodgrass, P., Vaughn, K., Assessment of gonadal and thyroid histology in Gulf Killifish (*Fundulus Grandis*) from Barataria Bay Louisiana one year after the Deep Water Horizon Oil Spill, *Ecotoxicology and Environmental Safety*. 154 (2018): 245-254.

Selected Oral and Poster Presentations

Dong, M., Carr, D., Genomic analysis and functional characterization reveal similar soil microbial community shifts in biodiesel vs. petroleum diesel contaminated soil. 38th SETAC North America Annual Meeting, 11/2017.



Dong, M., Carr, D., A time-series study of soil microbial community compositional and functional shift in biodiesel vs. petrodiesel contaminated soil. ABRF 2017 Annual Meeting, 03/2017.

Dong, M., Carr, D., The Effect of Biodiesel vs. Petrodiesel on Soil Microbial Community-level Physiological Profiling, Diversity, Function and Plant Growth, TTU poster competition, 03/2017.

Dong, M., Carr, D. Assessment of soil microbial community compositional and functional shift in biodiesel vs. petrodiesel contaminated soil, Poster presentation 7th SETAC World Congress, 11/2016.

Dong, M., Carr, D. Sandy loam soil resistance and resilience to biodiesel vs. petrodiesel contamination, Texas Branch Fall Meeting of the American Society for Microbiology, 10/2015.

Dong, M., Carr, D. Soil microbial community resistance and resilience to petrodiesel verses biodiesel. Proposal oral presentation of Texas Tech Annual Biological Sciences Symposium, 03/2015.

Dong, M., Carr, D. Compositional and functional shifts in soil microbial communities due to biodiesel vs. petrodiesel contamination. Poster presentation of Texas Tech Annual Biological Sciences Symposium, 03/2015.

Carr, D.L., Smith, E.E., Thiyagarajah, A., Davis, A., **Dong, M.,** Garcia, C., Heintzman, L., Vaughn, K., Snodgrass, P., Carr, J.A., Assessment of testicular histology in male Gulf killifish from Barataria Bay Louisiana one year after the Deep Water Horizon oil spill. NASCE, 06/2015.