

Weida Gong

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Education

B.S. Marine Science, Xiamen University, Xiamen, China, Sep, 2010 - Jun, 2014.

Ph.D. Candidate, Biological Oceanography, University of North Carolina at Chapel Hill, Chapel Hill, US, Aug, 2014 - present.

Research

University of North Carolina at Chapel Hill

Jul 2014 - present

Advisor : Adrian Marchetti, Ph.D.

Providing molecular insights into a dinoflagellate bloom

Studying phytoplankton molecular responses to spatiotemporal gradients at Neuse River Estuary

Method comparison between 18s, metatranscriptomics and morphology for taxonomy identification

Xiamen University

May, 2013 - Jun, 2014

Advisor : Shixi Chen, Ph.D.

Studying GSDF's Function in Sex Determination in zebrafish

Studying methylation's effect on cyp gene's expression in zebrafish

Awards

University Scholarships Xiamen University

2011, 2012, 2013, 2014

Honored Student Prize, Xiamen University

2011, 2012, 2013, 2014

Award of excellent work in China National Marine Science Talent Base Project, MEL

Jun, 2014

Outstanding Thesis, Xiamen University

Jun, 2014

Publications

Weida Gong, Jamie Browne, Nathan Hall, David Schruth, Hans Paerl and Adrian Marchetti. Molecular insights into a dinoflagellate bloom, 2016, *Multidisciplinary Journal of Microbial Ecology*.

Conferences and Presentations

Weida Gong, Jamie Browne, Nathan Hall, David Schruth, Hans Paerl and Adrian Marchetti. Molecular insights into a dinoflagellate bloom imply bacterial cultivation. Ocean Science Meeting, Feb, 2016 (oral presentation).

Weida Gong, Jamie Browne, Nathan Hall, David Schruth, Hans Paerl and Adrian Marchetti. Molecular insights into a dinoflagellate bloom imply bacterial cultivation. UNC Academic Research Conference, May, 2016 (poster).

Weida Gong, Jamie Browne, Nathan Hall, David Schruth, Hans Paerl and Adrian Marchetti. Eukaryotic phytoplankton community spatiotemporal dynamics as identified through gene expression within a eutrophic estuary. NC Coastal Conference, Apr, 2017 (poster).

Teaching Experience

Teaching Assistant

Marine phytoplankton	Aug, 2014 - Dec, 2014
Marine physiological ecology	Jan, 2015 - May, 2015
Chemical oceanography	Jan, 2016 - May, 2016

Other Skills

Laboratory: Algal culturing, PCR, qPCR

Programming: R, Python, Java, Shell Script