

CURRICULUM VITAE

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EDUCATION

- | | | |
|------|---|------------------|
| 2001 | Louisiana State University
Ph.D. Zoology and Physiology
<i>Dissertation : Colonization of Meiofauna on Artificial Substrates</i> | Baton Rouge, LA |
| 1995 | Louisiana State University
M.S. Oceanography and Coastal Sciences
<i>Thesis : Bioremediation for Oil Spill Clean Up : Effects on Meiofaunal Community</i> | Baton Rouge, LA |
| 1991 | Istanbul Universtiy
B.S. Biology (Zoology and Botany) | Istanbul, Turkey |

RESEARCH and PROFESSIONAL EXPERIENCE

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| 2007 to Present | University of Wisconsin-Madison
<i>Post Doctoral Associate</i>
I have been studying the carbon cycling in Lake Superior by analyzing available data and developing a physical and biogeochemical model. | Madison, WI |
| 2003-2007 | Louisiana Universities Marine Consortium
<i>Senior Research Associate</i>
My research focus was to study phytoplankton communities using signature pigments as indicators I involved in several projects examining the effects of eutrophication in the Gulf of Mexico and Louisiana Estuaries and Lakes due to Mississippi River discharge and diversion activities as well as bottom water hypoxia development in the Gulf of Mexico | Cocodrie, LA |
| 2001-2003 | Louisiana Universities Marine Consortium
<i>Postdoctoral Associate</i>
I studied changes in phytoplankton community during an annual cycle of hypoxia in the Gulf of Mexico continental shelf. I focused on changes in abundance and community structure of major phytoplankton groups by using their pigments as indicators. | Cocodrie, LA |
| 1997-1998 | Louisiana State University
<i>Research Associate</i>
Conducted bioassay studies on the effects of hypoxia and PAHs on the meiofaunal community. | Baton Rouge, LA |

TEACHING EXPERIENCE

- 2003-2007 **Louisiana Universities Marine Consortium** Cocodrie, LA
Instructor
Invertebrates in their Environment
3 credit hour, Senior/graduate level course that is focused on the interaction of invertebrates with their physical environment. In this class students involved in project development and execution with hands on experience in field work.
- 2002-2006 **Louisiana Universities Marine Consortium** Cocodrie, LA
Instructor
Research Problems in Marine Science
A class that is geared to train undergraduates in research development and execution
Interns: Sarah Danzey, Julie Custer, Elizabeth Robinson
- 1999-2000 **Louisiana State University** Baton Rouge, LA
Teaching Assistant
Invertebrate Zoology laboratory and selected lectures
4 credit hours, Senior level class
- 1997-1999 **Louisiana State University** Baton Rouge, LA
Teaching Assistant
Zoology Laboratory for Science Majors
3 credit hours, Freshman level
- 1996-1997 **Louisiana State University** Baton Rouge, LA
Teaching assistant
Biology Laboratory for Science Majors
3 credit hours, Freshman level

SCHOLARSHIPS and AWARDS

- 2001 Research grant, J.Bennett Johnston Science Foundation
Determining vertical distribution of phytoplankton pigments (HPLC) during the annual cycle of hypoxia
- 1998 Research grant, Louisiana Universities Marine Consortium Foundation, Inc.
Hydrodynamic regime effects on colonization of cryptic meiofauna associated with artificial substrates.
- 1994 Research grant, Louisiana Universities Marine Consortium Foundation, Inc.
Bioremediation for oil spill cleanup in coastal wetlands: Effects on meiofauna in laboratory mesocosms.
- 1991-1995 Higher education scholarship: Turkish Ministry of Education
Scholarship for graduate studies in the United States of America

PUBLICATIONS

N. Atilla, J.W. Fleeger, C.M. Finelli. 2005. Effects of habitat complexity and hydrodynamics on the abundance and diversity of small invertebrates colonizing artificial substrates. *Journal of Marine Research* 63(6) 1151-1172.

Turner, R. E., N. N. Rabalais, B. Fry, **N. Atilla.**, C. S. Milan, J. M. Lee, C. Normandeau, T. A. Oswald, E. M. Swenson, and D. A. Tomasko. 2005 Paleo-indicators of water quality change in the Charlotte Harbor Estuary (Florida, USA). Accepted, *Limnology and Oceanography*.

Rabalais, N.N., **N. Atilla**, C. Normandeau and R.E. Turner. 2004. Ecosystem history of Mississippi River influenced continental shelf revealed through preserved phytoplankton pigments. *Marine Pollution Bulletin*, 49 (2004) 537-547.

N. Atilla, M. A. Wetzel and J. W. Fleeger. 2003. Abundance and colonization potential of artificial hard substrate-associated meiofauna. *Journal of Experimental Biology and Ecology* 287(2):273-287.

R. E. Turner, N. Rabalais, **N. Atilla**, C. Normandeau, B. Fry, J.M. Lee, C.S. Milan, T.A. Oswald and E. M. Swenson. 2001. Paleo-Reconstruction of Water Quality in the Charlotte Harbor Estuary (Florida). Final Report to the Southwest Florida Water Management District.

N. Atilla and J. W. Fleeger. 2000. Meiofaunal colonization of artificial substrates in an estuarine embayment. *Marine Ecology P.S.Z.N.I.* 21(1): 69-83.

Rabalais, N.N. and **N. Atilla** (1996). Bioremediation Studies - Effects on the marsh infaunal community. Symposium Proceedings: Gulf of Mexico and Caribbean Oil Spills in Coastal Ecosystems: Assessing Effects, Natural Recovery and Progress in Remediation Research. C. E. Proffitt and P. F. Rocigno eds. Prepared under MMS cooperative agreement 14-35-0001-30690. U.S. Department of Interior, Minerals and Management Service Gulf of Mexico OCS Region.

INVITED SEMINARS and LECTURES

Hypoxia and phytoplankton community in the northern Gulf of Mexico. Invited by Department of Wildlife and Fisheries, New Mexico State University. November, 2006.

Using HPLC as a tool to identify phytoplankton taxa and harmful algae toxins. March 2007, LSU, Harmful Algal Blooms class taught by Dr. S. Bargu

SELECT CONFERENCES and SYMPOSIA

- 2008 Ocean Biogeochemistry Workshop (Woods Hole, MA (poster presentation) Carbon cycling in Lake Superior
- 2008 IAGLR meeting, Peterborough, ON Canada (oral presentation) Lake Superior carbon cycling
- 2008 Ocean Biogeochemistry Workshop: Gulf of Mexico Region (poster presentation) Carbon Cycling in Lake Superior, Results from a preliminary study.
- 2008 OSM/AGU meeting, Orlando, FL (Oral presentation) Carbon cycling in Lake Superior: First results from the CyCLEs project
- 2007 ASLO meeting, Santa Fe, NM (Oral presentation) Phytoplankton Communities in Lake Pontchartrain, LA
- 2006 ASLO/AGU/TSO Ocean Sciences Meeting, Honolulu, HI. (Poster presentation) Phytoplankton assemblages and coastal hypoxia in the Gulf of Mexico.
- 2005 19th Biennial conference of the Estuarine Research Federation, Norfolk, VA (Oral presentation). Phytoplankton communities in the Barataria Bay Estuary (Louisiana, USA) Reflect gradients of nutrient and salinity.
- 2004 ASLO/TOS Ocean Research Conference, Honolulu, HI. (Oral presentation) Phytoplankton assemblages across the broad area of hypoxia on the Louisiana shelf in mid-summer (1999-2003).
- 2003 18th Biennial conference of the Estuarine Research Federation, Seattle, WA. (Poster presentation) Phytoplankton composition through an annual cycle of hypoxia in the Gulf of Mexico.
- 2001 11th International Meiobenthologists Conference (ELIMCO) Boston, MA. (Oral presentation). Effects of Habitat Complexity and Hydrodynamic Regime on the Colonization of Meiofauna on Artificial Substrates.
- 2000 29th Benthic Ecology Meeting, Wilmington, NC. (Oral presentation) Effects of Habitat Complexity on Colonization of Meiofauna on Artificial Substrates.
- 1999 28th Benthic Ecology Meeting Baton Rouge, LA. (Oral presentation) What is the source pool of meiofauna colonizing artificial substrates?
- 1998 27th Benthic Ecology Meeting . Melbourne, FL. (Poster presentation) Habitat complexity effects on colonization of cryptic meiofauna on three types of artificial substrates.
- 1995 International Estuarine Research. Federation meeting, Corpus Christi, TX. (Poster presentation). Bioremediation for oil spill clean up in coastal wetlands: Effects on benthic communities.
- 1994 Second Coastal Wetland Restoration and Management Symposium, Key Largo, FL. (Oral presentation). Bioremediation for oil spill clean up in coastal wetlands: effects on benthic meiofauna.

MEMBERSHIPS

2007-present International Association of Great Lakes Research
2007-present Earth Science Women's Network (ESWN)
2003-present American Society of Limnology and Oceanography (ASLO)
2001-present Estuarine Research Federation (ERF)
1998 - 2003 International Association of Meiobenthologists
1998 - 2001 Biological Sciences Graduate Student Organization (BioGrads), LSU
Vice president (1999)
1996-1997 Zoology and Physiology Graduate Student Organization (ZPGSO), LSU
Treasurer (1996-1997)
1993-1995 Marine Environmental Researchers (MER), LSU

REFERENCES

Dr. Nancy N. Rabalais
Louisiana Universities Marine Consortium
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Dr. Galen A. McKinley
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