

BIOGRAPHICAL SKETCH
Céline A.J. Godard-Codding

(A) PROFESSIONAL PREPARATION

Lycée Louis le Grand, Paris, France	Mathematics, Physics, Chemistry	B.S. 1987
Clemson University	Microbiology	M.S. 1994
Ecole Nationale d'Ingénieurs des Techniques Agricoles de Dijon, France	Biochemistry, Mathematics	Ingénieur 1994
Texas Tech University, The Institute of Environmental and Human Health	Environmental Toxicology	Ph.D. 2000
Woods Hole Oceanographic Institution	Postdoctoral Fellow	2001-2004
University of Southern Maine	Postdoctoral Fellow	2004-2006

(B) APPOINTMENTS

- Aug 2012-Present* Associate Professor, Department of Environmental Toxicology, The Institute of Environmental and Human Health, Texas Tech University, Lubbock, TX
- Aug 2006-2012* Assistant Professor, Department of Environmental Toxicology, The Institute of Environmental and Human Health, Texas Tech University, Lubbock, TX
- Aug 2004-July 2006* Senior Post-Doctoral Fellow, University of Southern Maine, Portland, ME
Instructor in Toxicology, Department of Applied Medical Sciences, University of Southern Maine, Portland, ME
- Jan 2001-July 2004* Postdoctoral Investigator, Department of Biology, Woods Hole Oceanographic Institution, Woods Hole, MA
- Jan 2000-Dec 2005* Chief Scientist-"Voyage of the Odyssey", Ocean Alliance/Whale Conservation Institute, Lincoln, MA
- 2003, 2004* Instructor in Biology, Brandeis University, MA and Instructor in Environmental Studies, Marine Studies Consortium, MA

(C) PUBLICATIONS MOST RELEVANT TO THE CURRENT APPLICATION

1. CYP1A Protein Expression and Catalytic Activity in Double-crested Cormorants Experimentally Exposed to Deepwater Horizon Mississippi Canyon 252 Oil. Special Issue: Effects of Oil on Birds. Courtney Alexander, Michael J Hooper; Dave Cacula; Kimberly D Smelker; Caeshia S Calvin; Karen M Dean; Steve J Bursian; Fred L Cunningham; Katie C Hanson-Dorr; Katherine E Horak; John P Isanhart; Jane Link; Susan A Shriner; **Céline A Godard-Codding**. Submitted to *Ecotoxicology and Environmental Safety*.
2. Zychowski GV and **Godard-Codding CAJ**. *Critical review: Reptilian exposure to polycyclic aromatic hydrocarbons and associated effects. Environmental Toxicology and Chemistry*, In Press.
3. Immunotoxic Effects of In Vitro Exposure of Dolphin Lymphocytes to Louisiana Sweet Crude Oil and Corexit. White, Natasha D, **Godard-Codding, Céline**, Webb, Sarah J., Bossart, Gregory D., Fair, Patricia A. *Journal of Applied Toxicology*, In Press.
4. Sarah J. Webb, Gregory V. Zychowski, Sandy W. Bauman, Benjamin M. Higgins, Terje Raudsepp, Lauren S. Gollahon, Kimberly J. Wooten, Jennifer M. Cole, and **Céline Godard-Codding**. 2014. Establishment, Characterization, and Toxicological Application of Loggerhead Sea Turtle (*Caretta caretta*) Primary Skin Fibroblast Cell Cultures. *Environmental Science & Technology*, 48, 14728-14737
5. Rousselet E, Levin M, Gebhard E, Higgins BM, DeGuise S, and **Godard-Codding CAJ**. 2013. Evaluation of immune functions in captive immature loggerhead sea turtles (*Caretta caretta*). *Veterinary Immunology and Immunopathology* 156(1-2):43-53.

6. Rousselet E, Stacy N, LaVictoire K, Higgins BM, Tocidlowski M, Flanagan JP, and **Godard-Codding CAJ**. 2013. Hematology and plasma biochemistry analytes in five age groups of immature, captive-reared loggerhead sea turtles (*Caretta caretta*). *Journal of Zoo and Wildlife Medicine* 44(4): 859-874
7. **Godard-Codding CAJ**, Clark R, Fossi MC, Marsili L, Maltese S, West AG, Valenzuela L, Rowntree V, Polyak I, Cannon JC, Pinkerton K, Rubio-Cisneros N, Mesnick S, Kerr I, Payne R, and Stegeman JJ. 2011. Pacific Ocean-wide Profile of CYP1A1 Expression, Stable Carbon and Nitrogen Isotope Ratios, and Organic Contaminant Burden in Sperm Whale Skin Biopsies. *Environmental Health Perspectives* 119 (3): 337-343.
8. Depledge MH, **Godard-Codding CAJ**, Bowen RE. 2010. Light pollution in the sea. *Marine Pollution Bulletin*, 60:1383-1385.
9. Smith PN, Afzal, M, Al-Hasan R, Bouwman H, Castillo LE, Depledge MH, Subramanian M, Dhananjayan V, Fossi C, Kitulagodge M, Kylin H, Law R, Marsili L, O'Hara T, Story P, and **Godard-Codding CAJ**. 2010. "Global Perspectives on Wildlife Toxicology: Emerging Issues" in Kendall RJ, Cobb GP, Cox S, and Lacher T, Eds. *Wildlife Toxicology: Emerging Contaminant and Biodiversity Issues*, Taylor and Francis Group.
10. **Godard CAJ**, Wise SS, Kelly, RS, Goodale, B, Kraus S, Romano T, O'Hara T, and JP Wise Sr. 2006. Benzo[a]pyrene cytotoxicity in right whale (*Eubalaena glacialis*) skin, testis and lung cell lines. *Marine Environmental Research* 62, S20-S24.
11. **Godard CAJ**, Goldstone JV, Said MS, Dickerson RL, Woodin BR, and JJ Stegeman. 2005. The new vertebrate CYP1C family: Cloning of new subfamily members and phylogenetic analysis. *Biochemical and Biophysical Research Communications* 331, 1016-1024.
12. **Godard CAJ**, Smolowitz RM, Wilson JY, Payne RS, and JJ Stegeman. 2004. Induction of cetacean cytochrome P4501A1 by β -naphthoflavone exposure of skin biopsy slices. *Toxicological Sciences* 80, 268-275.

(D) Synergistic Activities

1. *Broadening the participation of women and under-represented minorities in science:* a) Gender Equity Council member (2013-2016) and Chair of Family Issues (2015-2016), Texas Tech University, b) Chair of the Career Development Committee for the Society of Environmental Toxicology and Chemistry (SETAC, 2013-2014) and board member/Chair of the Women in SETAC committee (2011-2014), c) Induction in Texas Tech University Institute for Inclusive Excellence (2010), d) co-founder, President (2008-2010), and Outreach Director (2010-2014) of the West-Texas Chapter of the Association for Women in Science, e) co-creator of and instructor for the Texas Tech University "Science: It's a Girl Thing" summer camps in Environmental Toxicology (2007-2013), f) reviewer for the National Academies Ford Foundation Diversity Fellowships (2009, 2010), g) mentor of undergraduates from under-represented minorities for the NIH-funded "Plains Bridges to the Baccalaureate" (2008-2010), and h) mentor and advisor for women and/or under-represented minorities: 22 undergraduates, 10 graduate students, and two post-doctoral researchers since 2000.
2. *Service to the national and international scientific community:* a) reviewer for the Australian Antarctic Science (AAS) Program (2012), b) invited member of the Cetacean Risk Modeling and Chemical Prioritization (2010) and the Cachalot Assessment Research Plan working groups (2005) for the International Whaling Commission, c) recipient of the UK-US Research Collaboration Award (2009), and d) creation of the Papua New Guinea Marine Mammal Forum and chairing of its first conference (2001).