

## Hahn Lab at WHOI: Presentations, Articles

### Solving An Evolutionary Puzzle

New Bedford Harbor pollution prompts PCB-resistance in Atlantic killifish  
([WHOI News Release](#))

Environmental Factor - March 2014: Genetic variation may explain PCB-resistance in Atlantic killifish  
([NIEHS news report](#))

### Genetic Mechanism of PCB Resistance in Hudson River Tomcod

[WHOI Press release.](#)

[Science article.](#)

[Superfund Research Program writeup.](#) (scroll down to Feb. 17, 2011)

[Economist article.](#)

### Toxic Waters Provide 'a Snapshot of Evolution'

Toxic Waters Provide 'a Snapshot of Evolution'

([Washington Post article](#): January 23, 2006)

### The Chicken and the Tern

The Chicken and the Tern: Why is one species so much more sensitive to dioxin poisoning?

[Article in WHOI's Oceanus magazine](#)

### Contaminants in the Marine Environment and their Effects on Marine Mammals

[Contaminants in the Marine Environment and their Effects on Marine Mammals](#); in WHOI Sea Grant's *Focal Points*

### NPR report on dioxin-resistant killifish from New Bedford Harbor

[NPR report on dioxin-resistant killifish from New Bedford Harbor](#)

### The Link Between Environmental Contaminants and Animal Susceptibility

[The Link Between Environmental Contaminants and Animal Susceptibility](#)

Crago, T.I. *In: Two if by Sea, Vol. 4, No. 1 (Spring 2000)*

### EPA Eco-Risk webinar

[Mechanisms of Evolved Resistance to Dioxin-like PCBs in Fish Inhabiting a Marine Superfund Site](#)

EPA Eco-Risk webinar: PAH and PCB Toxicity and Adaptation - Lessons Learned from Chronically Exposed Wild Populations.

Sponsored by: National Institute of Environmental Health Sciences, Superfund Research Program. Part of Superfund Research Program

Risk eLearning Webinar Series: "Ecological Risk: New Tools and Approaches."

Moderator: Diane Nacci, US EPA

Speakers: Mark Hahn (WHOI), Rich Di Giulio (Duke)

Hahn presentation title: *Mechanisms of Evolved Resistance to Dioxin-like PCBs in Fish Inhabiting a Marine Superfund Site.*

Look [here](#) for slides and audio recording.

### Mechanism of PCB- and Dioxin-Resistance in Fish in the Hudson River Estuary: Role of Receptor Polymorphisms.

Hahn, M. E., Karchner, S. I., Franks, D. G., Evans, B. R., Nacci, D., Champlin, D., and Cohen, S. (2005). Mechanism of PCB- and Dioxin-Resistance in Fish in the Hudson River Estuary: Role of Receptor Polymorphisms.

[Final Report](#) to the Hudson River Foundation

### Superfund Research Brief

Research Brief 21, Superfund Research Program

[Mechanisms of Dioxin Sensitivity and Acquired Resistance](#)

### Contaminants in Marine Mammal Brains

## [News Release : Skip This Cocktail Party: Contaminants in Marine Mammals' Brains](#)

### **From Here to Affinity: Researchers Aiding in Protection of Birds By Streamlining Method Used to Identify Contaminant Susceptibility**

From Here to Affinity: Researchers Aiding in Protection of Birds By Streamlining Method Used to Identify Contaminant Susceptibility. In: *Two If By Sea*, A Joint Publication of WHOI and MIT Sea Grant Programs; Winter 2010

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