



Fundulus heteroclitus ("Mummichog")

Friends

About

Hello! I am a *Fundulus heteroclitus*. You can call me an "Atlantic killifish" or a "mummichog". I am a model organism used to research mechanisms of PAH toxicity at Duke University. Thanks for visiting my page!

FAQs

1. Why did you leave your home in the Elizabeth River?

The Elizabeth River is extremely polluted with PAHs from creosote used to treat wood in the 1900's. Duke University decided to use me as a model organism to determine how I have been able to adapt to my toxic habitat.

2. Why are you such a great model?

- Limited migration¹
- Able to resist effects of a variety of toxicants, such as heavy metals, PCBs, and PAHs¹
- [Easy to collect in the field](#)²
- Easy to maintain in lab²
- [Visible embryonic development](#)

3. What types of studies are you used for?

- Genetic adaptation research²
- Toxicological studies²
- Ecological studies²
- Estuarine system modeling²

Favorite Musical Artists/Songs

[Muddy Waters](#)
["Proud Mary \(Rolling on the River\)"-Tina Turner](#)
["Born on the Bayou"-Creedence Clearwater Revival](#)

Achievements

(1973) First fish in space

Living



Durham, North Carolina

Current City



Portsmouth, Virginia

Hometown

Basic Information

Gender	Male
Birthday	May 8
Favorite Habitat	Marshes along the Atlantic coast ¹
Body Size	About 5 inches max
Favorite Food	Tetramin® Tropical Fish Food ² Hot Dogs Diatoms Sea Grass Fish and fish eggs

Top Three Friends



Nishad Jayasandara



Dan Brown



Liting Chen

Contact Information

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