



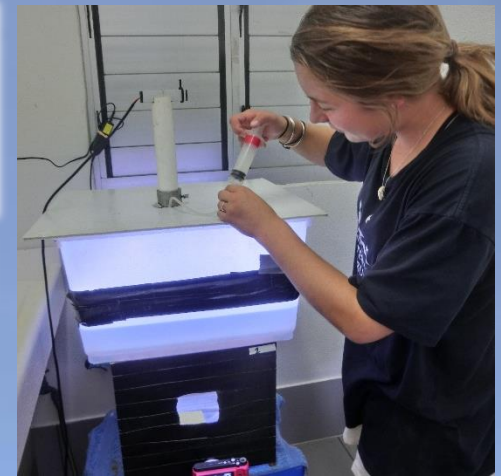
Does plastic ingestion change anti-predator behaviour?

... a fishy tale



Plastic waste ends up in the ocean and instead of breaking down, breaks up into small pieces called **microplastics**

Fish often eat these microplastics, however little is known about how this may affect their **swimming behaviour**.



Injecting chemical alarm cues into the fish arena

Fish react to **chemical alarm cues (CAC)**, which are signals in the water from injured conspecifics. These help the fish know when a hungry predator is nearby and to **HIDE!**

"By measuring the way in which fish respond to CAC's, we can determine if plastic ingestion is affecting their anti-predator behaviour, potentially increasing mortality rates"



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Study species: *Acanthachromis polyachromis*

