

Bank on BioDiversity. Your sample matters!

Darwin Biobank Monthly Newsletter

Biobanking in the News

Have you heard of the Poo Zoo? Scientists from Chester Zoo, Revive & Restore, and the University of Oxford are collaborating to advance conservation through non-invasive cell collection. The team, led by Professor Suzannah Williams, is working with mouse and elephant fecal samples to optimize DNA detection and recovery from live intestinal cells shed into feces. If successful, this can be a non-invasive way to preserve DNA for future conservation needs.

Get to Know Peel

Trent Fowler, MBA, is Peel's Senior Vice President of Corporate Development. Trent has been with Peel since 2016, and held various scientific and operational roles before diving into his



current role shaping our portfolio and asset strategy. Trent lives in Chicago with his family but takes any chance to get back to Utah for some skiing.

Why Peel?

Peel Therapeutics combines evolutionary biology and comparative genetics to develop breakthrough therapies.

At our Darwin Biobank, Peel helps Zoo Partners ensure the genetic potential of their animals will be available for future conservation needs.

Peel is a commercial member of AZA and is committed to helping zoos fulfill their health and conservation missions.

Contact us with questions or about samples:

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The Legacy They Provide



We are pausing our animal legacy corner this month to honor instead the enormous legacy left by Dr. Jane Goodall. Dr. Goodall inspired a whole generation of scientists and conservationists.

In the past few days, we've been struck by how many colleagues have posted photos of themselves with Dr. Goodall, illustrating her tireless and impactful ability to connect, both locally and internationally. *Thank you, Dr. Jane!*

Journal Club

Sexual selection drives sex difference in adult life expectancy across mammals and birds

Science Advances October 2025

Why do women live longer than men? Potential deleterious effects of heterogametic sex chromosomes in male mammals and female birds, alongside mating system and sexual dimorphism, are analyzed across 528 mammal and 648 bird species, in zoos and the wild.



This Month's Taxa Call Out
Calling all..... Bears!!



In honor of Fat Bear Week, we are keeping an emphasis on **bears for Oct.**— please remember to submit samples on any bears you examine!
*****we will still take any other taxa samples too!*****

What's new with Peel?

Dr. Lauren Howard attended the 2025 AZA Conference in Tampa, FL, and co-hosted a round table in *Biobanking for the Future* with Dr. Linda Penfold of SEZARC. If you'd like to get involved, reach out to Lauren at lhoward@peeltx.com