

Welcome!

NGCP National Webinar:

Exploring Paleontology to Spark Science Engagement from a Young Age!



National Girls
Collaborative Project





20 YEARS OF TRANSFORMING STEM

Exploring Paleontology to Spark Science Engagement from a Young Age!

March 30th, 2023



NGCP Vision

The vision of the National Girls Collaborative Project is to **support and create STEM experiences** that are as **diverse as the world we live in.**



Our Goals

Connect + Create + Collaborate

1

Build and sustain a network of advocates to provide equitable and inclusive STEM opportunities.

2

Catalyze equity in STEM from research to practice by providing actionable knowledge that transforms the STEM experience.

3

Increase our collective impact by strengthening organizational effectiveness and enhancing our fiscal sustainability.



NGCP Activities

- Network Partnerships
- IF/THEN Collection
- FabFems
- Youth Advisory Board
- State Leadership Teams



National Webinars

- Offered monthly on topics to help our networks grow and thrive
- Speakers include educators, researchers, authors, and diverse STEM professionals
- Sign up: <https://www.ngcproject.org/events-announcements>

"I have gotten more out of this than the dozens of other presentations I have attended this summer."

"I found this useful and enjoyable."

"I really like all the resources placed in the chat that I can go and flip through to find what is most helpful to my organization"



NGCP Newsletter

- National in-person and online events
- STEM resources for engaging girls and youth, professional development opportunities for educators, and opportunities for youth
- Research and reports related to STEM and equity, informal STEM education and learning
- NGCP updates and events, including webinars, knowledge products, and tools





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Speakers



Dr. Holly Woodward Ballard

Professor and Paleohistologist



Alyssa Barr

Preschool - 5th Grade Science Specialist



Audrey O'Connell

Co-Founder of Horner Science Group



Exploring Paleontology to Spark Science Engagement from a Young Age!

National Girls Collaborative Project



**Dr. Holly Woodward Ballard, Associate Professor
of Anatomy & Paleontology, Oklahoma State
University Center for Health Sciences**



**Alyssa Barr, Science Specialist
preschool -5th Grade, University Child
Development School, Seattle**

HORNER

SCIENCE GROUP



John R. 'Jack' Horner, Paleontologist
Co-Founder and Creative Content Director



Audrey O'Connell
Co-Founder and Business Director

Our brand and key message



JACK HORNER'S
DINOSAURS

X NEVER STOP DISCOVERING		THE ADVENTURE BEGINS TODAY
BE BRAVE	HSG	

HORNER SCIENCE GROUP

Our vision

Is to inspire interest, understanding, and passion for dinosaurs and paleontology.

By doing so, we hope to elevate everyone's confidence in one's ability to learn about science and the world in unexpected and engaging ways.



NEVER STOP



DISCOVERING



Our mission

To galvanize adventurers of all ages to explore the vibrant and astonishing world of dinosaurs through Jack Horner's revolutionary scientific discoveries and theories.

To draw on Jack's paleontology expertise and to help produce products and services that communicate cutting-edge insights about the lives of dinosaurs and the thrill of science.

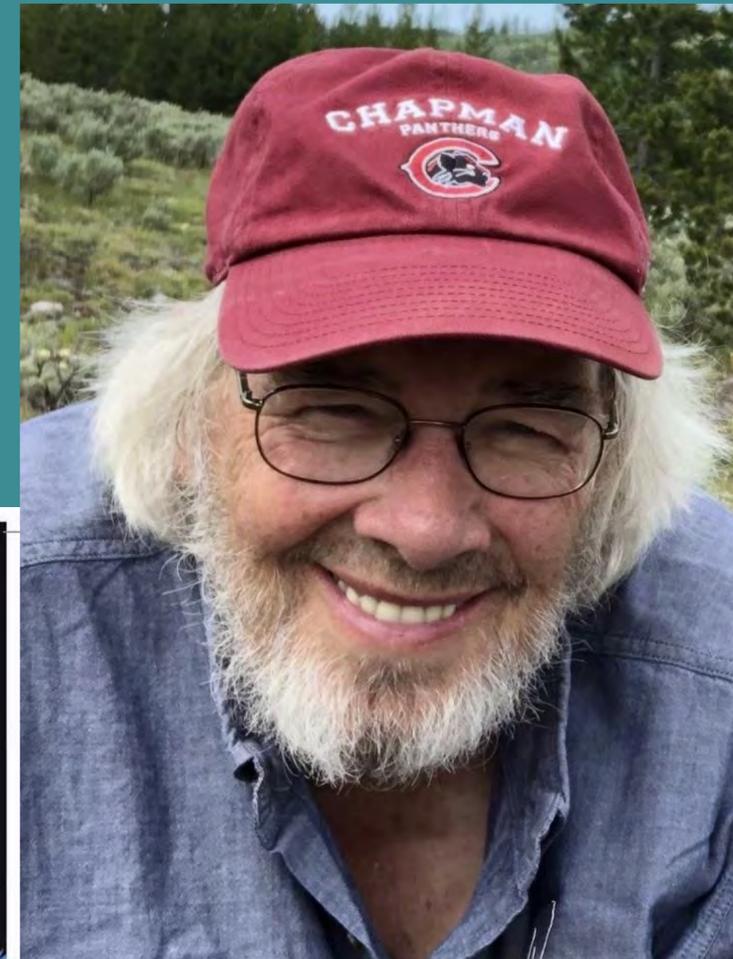
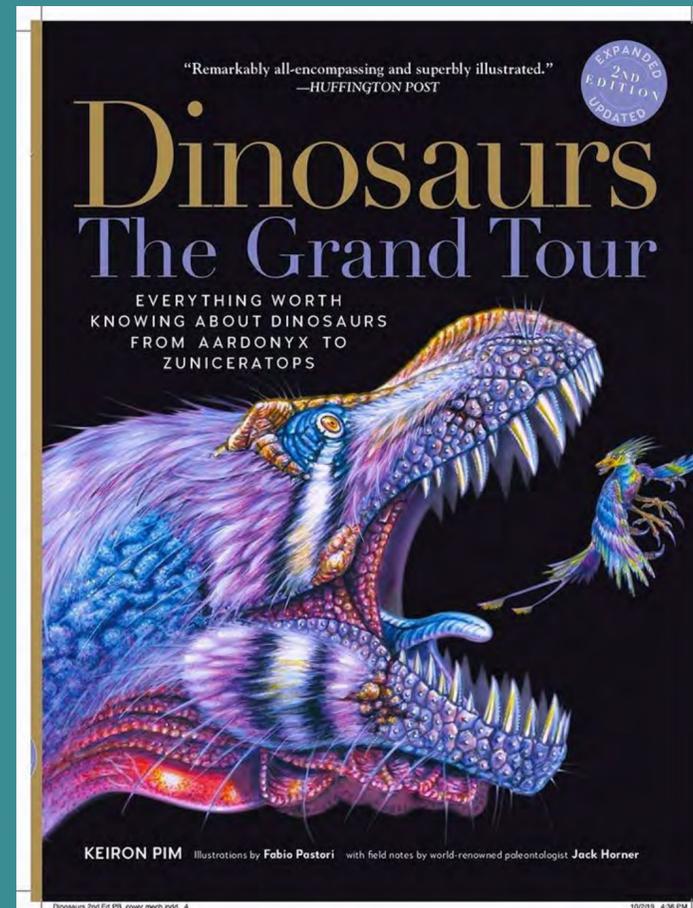
To develop cross-platform opportunities for personal discovery through scientifically grounded and awe-inspiring experiences.



Communicating formal & informal science

Jack Horner is a prolific academic publisher of his paleontology research and findings, as well as an engaged collaborator with other scientists.

He has also published 9 books, including 4 for children.



Never Stop Discovering!

Jack Horner and a fossil find that made history!



Published by HSG February 7th, 2023

LILY AND MAIA



A DINOSAUR ADVENTURE

BY JACK HORNER | ILLUSTRATIONS BY GRACE HATTRUP

NGCP book endorsement

THE ADVENTURE BEGINS...

"What are you doing here?" I said out loud.

"Am I dreaming? Dinosaurs are extinct.

There's NO WAY we can be here together right now!"

This is the magical story of a young girl, a self-proclaimed paleontologist, who discovers "science for real" and grows her own confidence when she brings new dinosaur discoveries to light.

Jack Horner, the world-famous scientist of Jurassic Park fame, has long understood the questions kids ask about dinosaurs – as Jack says, "They are always the very best questions!"

This children's book about **dinosaurs, friendship, science,** and **fantasy time travel** is a **STEM** must-read for parents and children. Never Stop Discovering!



"Lily and Maia is a highly engaging story which will energize an interest in STEM for all young people, but especially for girls who will be able to see themselves in Lily's journey. I'm looking forward to sharing this wonderful resource with the thousands of the programs served by the National Girls Collaborative network."

Karen Peterson,
Founder & Chief Executive Officer
National Girls Collaborative Project
The Connector | FabFems



Also published in Spanish!

LILY Y MAIA



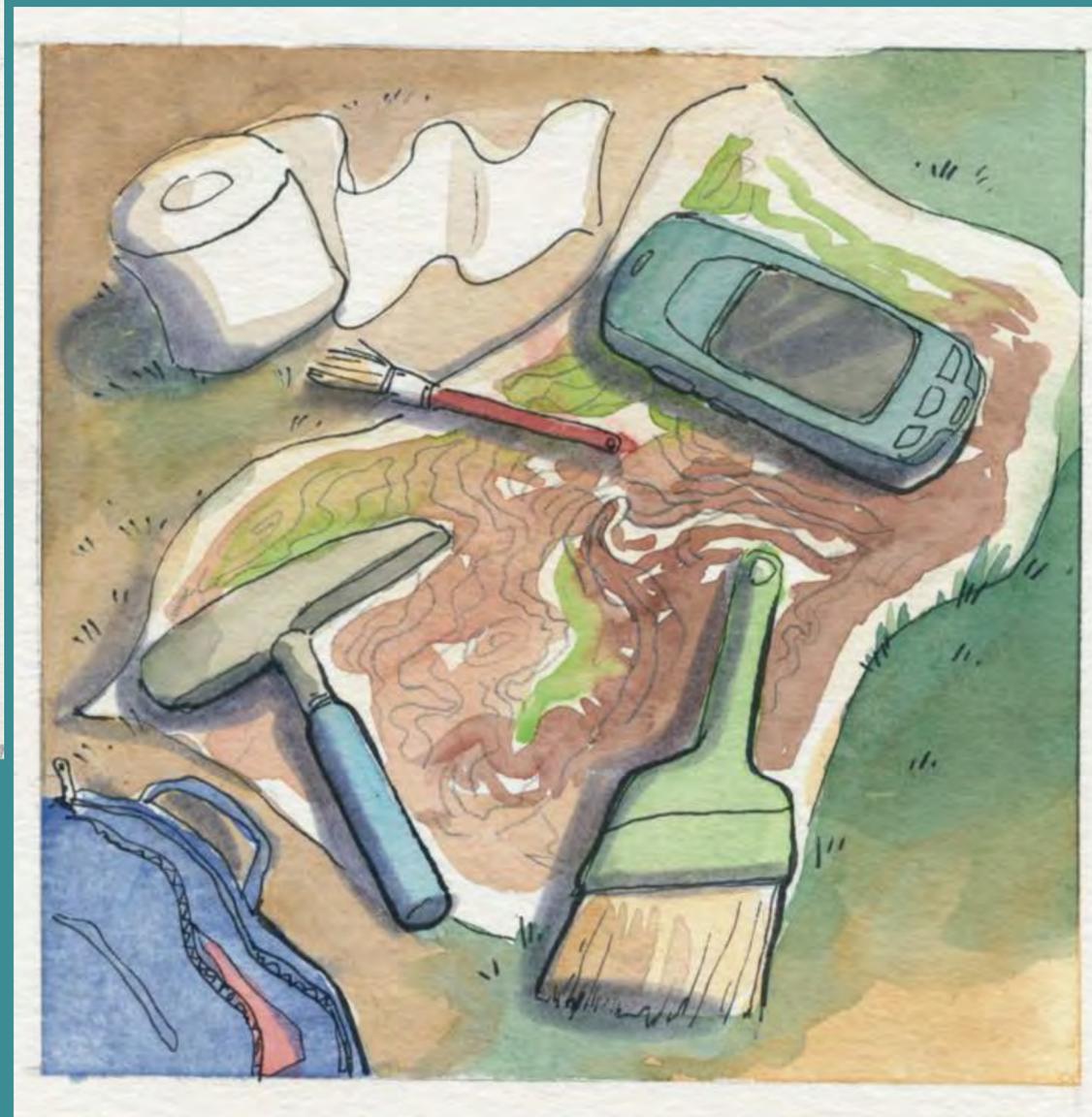
UNA AVENTURA DE DINOSAURIOS

POR JACK HORNER | ILUSTRACIONES DE GRACE HATTRUP
TRADUCTORA ESMERALDA GARZA T

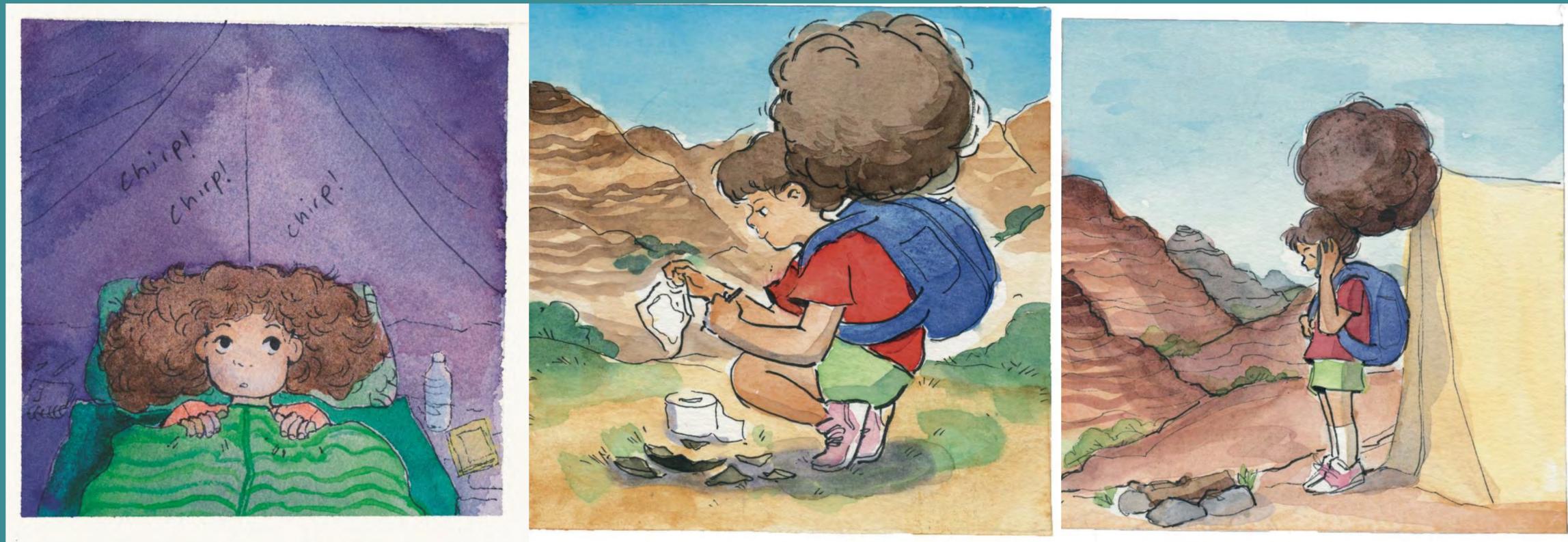
Original artwork by Grace Hatstrup



Be prepared for your adventure!



Be brave, act like a scientist,
be responsible





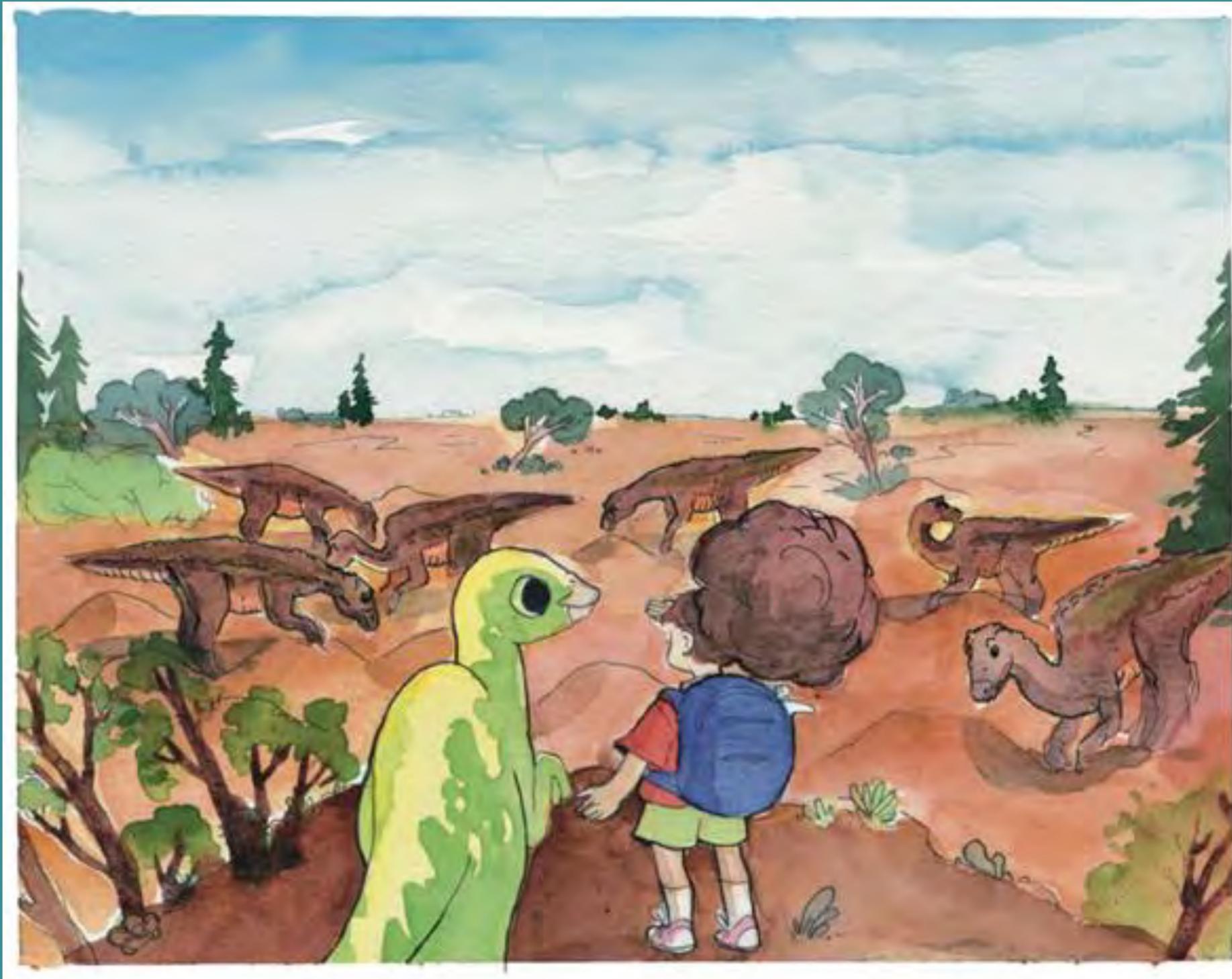


Proud, confident, ambitious, brave, adventurous,
determined, prepared, responsible, creative, observant

A little scary but time travel begins.....



Maia's nesting ground



A promise between secret friends....



'Dr. Scott' of PBS's DINOSAUR TRAIN

"Jack Horner ranks among the greatest dinosaur paleontologists of all time. He has also played an outsized role in popularizing the new science of dinosaurs, forever changing the way we look at these amazing ancient animals and inspiring many to pursue fossil-hunting careers.

With Lily and Maia, Horner taps into this vast experience to create a wonderful children's book. **Readers will head out into the field in search of dinosaur remains, and even set off on some time-traveling adventures! For the legions of young dinosaur lovers out there, here is a story guaranteed to spark imaginations!"**

Women in the Field of Paleontology

Dr. Holly Woodward Ballard



Connect with Jack, Connect with Science



Jack Horner's Dinosaurs



Jackhornersdinosaurs



Jackhornerdinos



Audrey O'Connell |
LinkedIn



JACK HORNER'S
DINOSAURS

<https://linktr.ee/jacksdinosaurs>



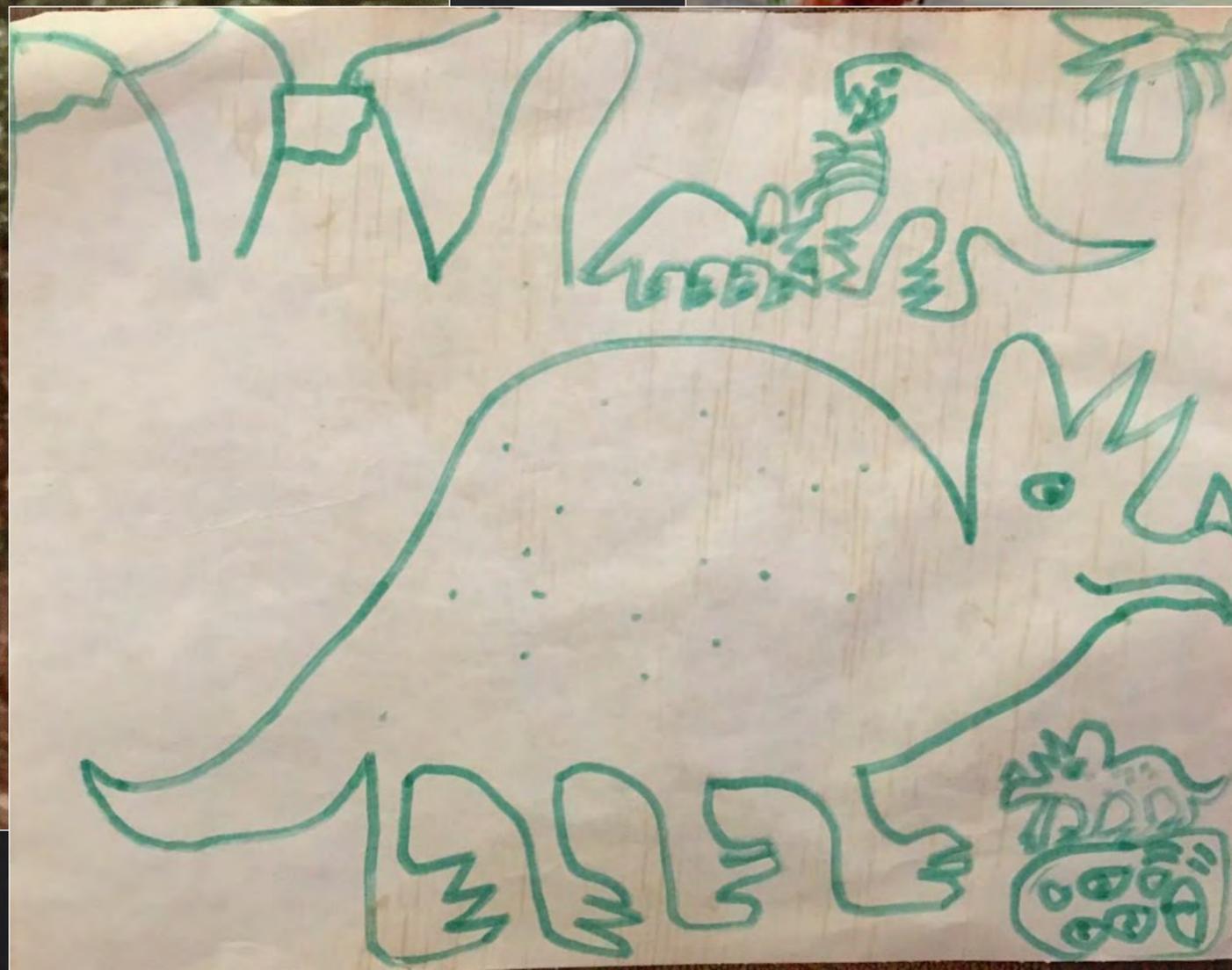
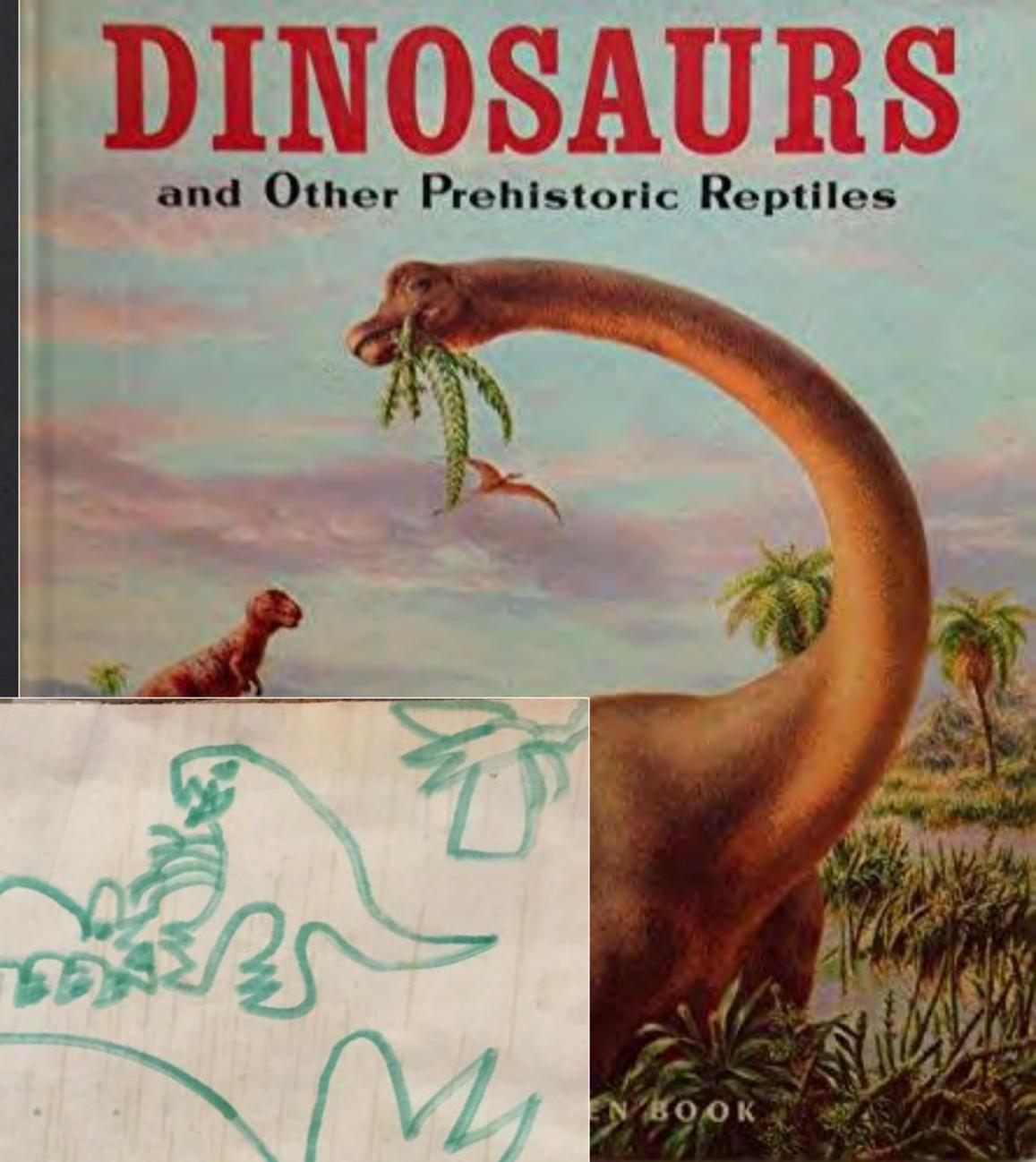
Dinosaurs: STEM's biggest ambassadors

Holly Woodward Ballard, Ph.D.

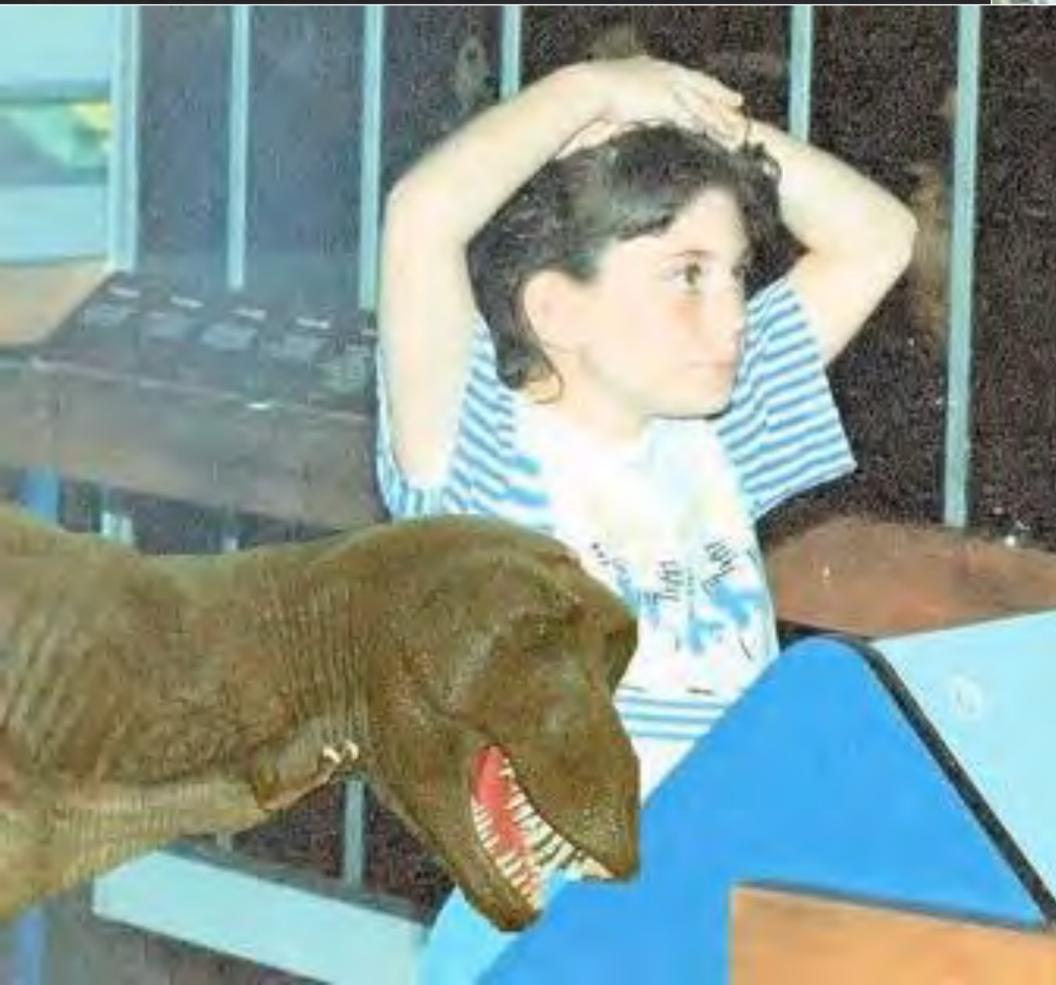
Associate Professor of Anatomy and Paleontology

Oklahoma State University Center for Health Sciences

How it all started



“I want to be a paleontologist when I grow up”



Grade school was tough. No one else I knew had this dream. Teachers either didn't know how to help, or thought it was "just a phase."

