# ECSTEM 2026 Workshop Schedule

To support your conference experience, workshop sessions have been categorized by content area (Science, Technology, Engineering and Mathematics) and target audience. Conference attendees may follow one content area to focus on a particular subject matter or may pick and choose among topics to sample the full complement of conference offerings. The listing of content offerings and their abbreviations can be seen below.

| CONTENT | TARGET AUDIENCE |
|---|---|
| S – Science | I – Infants |
| T – Technology | T – Toddlers |
| E – Engineering | P – Preschool |
| M – Mathematics | TK – Transitional Kindergarten |
| | K – Kindergarten |
| | FG – First Grade |
| | SG – Second Grade |
| | A – Administration |

# Friday, February 20th, 2026

## *Keynote Speaker: 8:30 am - 10:00 am*

## Tina Payne Bryson, LCSW, PhD

### *Investigating Behavior: A Brain-Based Approach to Discipline and Resilience in Early Childhood*

In this presentation, Dr. Tina Bryson uses an interpersonal neurobiology lens to invite educators to *investigate* behavior the way we encourage children to explore the world—through curiosity, inquiry, and a willingness to challenge assumptions. Rather than relying on outdated diagnoses or rigid behavioral interventions, Dr. Bryson encourages participants to ask: *What is this behavior communicating? What does the brain science tell us?*

Drawing on the latest research in attachment, stress regulation, nervous system states, neuroplasticity, and development, Dr. Bryson offers a clear, engaging, and practical framework for understanding big, challenging behaviors in young children. The session highlights how educators can respond in ways that are not only effective, but also relationship-based and brain-building—supporting both immediate regulation and long-term resilience.

This presentation reflects the spirit of STEM learning by modeling the same investigative mindset we hope to cultivate in children—one that is reflective, evidence-based, and deeply curious. Grounded in her book *No-Drama Discipline* (co-authored with Dan Siegel) and informed by her clinical and educational experience, Dr. Bryson equips participants with actionable strategies and a new way of seeing their work through the lens of inquiry.

## *Session I: 10:15 am – 11:45 am*

### "Engineering: Fostering Young Builders and Makers Through Their Natural Interests"

Come and observe how a classroom of young learners dove into an Engineering-based curriculum—not through textbooks or rigid instruction, but through their own natural interests and curiosity. This presentation will showcase the Engineering Design Process and how children can engage deeply in block play, art, storytelling, sewing, and mapping, all while applying the core principles of engineering: Ask, Imagine, Plan, Create, and Improve.

**Presenter: Jose Osorio, BA**
The Children's Center at Caltech
Target Audience: **P TK**
Content: **S T E M**
Location: Monterey, Hilton Pasadena

### "Singing and Literacy in the Early Years"

Discover how singing, movement, and ear training—drawing on the Orff and Kodály approaches—work together to nurture early literacy. This session highlights how rhythm, melody, and playful musical exploration can strengthen phonemic awareness, listening skills, and expressive communication in young children.

**Presenter: Dayita Datta, MA**
The Children's Center at Caltech
Target Audience: **I T P TK K FG SG A**
Content: **S M**
Location: Pacific Room, Hilton Pasadena

### "Co-Research: Cultivating a Scientific Mindset with Children and Adults"

This presentation explores co-research as a way to nurture curiosity and scientific mindsets. Using documentation from Boulder Journey School, we share stories of investigating alongside children and families to co-create curriculum.

**Presenter: Alex Morgan, MA**
Boulder Journey School
Target Audience: **I T P TK K**
Content: **S**
Location: Pasadena Room, Hilton Pasadena

### "Spinning, Rolling, and Swinging: Investigating Balance with Infants and Toddlers"

Balance investigations are a perfect fit for infant-toddler classrooms as children become immersed in STEM as they explore the role of balance with their bodies and within the world of objects.

**Presenter: Sherri Peterson, MA & Shelly Bromwich, MA**
Iowa Regents' Center for Early Developmental Education at the University of Northern Iowa
Target Audience: **I T A**
Content: **S T E M**
Location: San Gabriel Room, Hilton Pasadena

### "Forces in Early Childhood: Magnets and the Ups and Downs of Gravity"

This workshop will include a hands on approach to understanding the attraction of magnets and the laws of gravity. Participants will have the opportunity to view and create exciting activities for a STEM learning environment.

**Presenter: Debbie duHadway, BS & Suzanne Gardella, MS**
St. Patrick's Day School
Target Audience: **P TK K FG**
Content: **S T E M**
Location: San Diego Room, Hilton Pasadena

### "Encounters With the Golden Rain Tree: Celebrating a Culture of Collaborative Investigations"

Encounters with the Golden Rain Tree marks one year of ongoing research and demonstrates how, through studying one of our school trees, the students used various materials, developed research questions, and, with their teacher's support, created a classroom environment focused on investigation.

**Presenter: Amy Bice & Vannessa Rolle, AA**
New School West
Target Audience: **P TK K**
Content: **S T M**
Location: San Marino Room, Hilton Pasadena

### "Everyday STEAM"

This session is designed to help educators effectively include mathematical concepts in classroom settings, childcare centers, and extended home learning environments. Learn new strategies and help make math a lively, practical, and enjoyable part of daily life for children.

**Presenter: Nancy Duran, MA**
East Los Angeles College
Target Audience: **I T P TK K**
Content: **S T E M**
Location: Santa Clara Room, Hilton Pasadena

### "Ready, Set, STEM! Fun and Foundational STEM for Young Children and Their Teachers and Families"

Join us to engage in hands-on activities from our Ready, Set, STEM! program, focused on promoting skills, confidence, and enthusiasm for STEM in young children, their teachers, and their families.

**Presenter: Debby Leslie, PhD & Becky Criollo, MA**
University of Chicago & UChicago STEM Education
Target Audience: **P TK K**
Content: **S E M**
Location: Santa Barbara Room, Hilton Pasadena

## *Session II: 1:00 pm – 2:30 pm*

### "Cause and Effect with Infants and Toddlers"

Infants and toddlers are natural scientists exploring their environment by touching, grabbing, dropping, and observing the results of their actions. See how hands-on and play-based explorations help deepen their knowledge of cause and effect.

**Presenter: Cindy Antuna, BA & Lorena Meza, BA**
The Children's Center at Caltech
Target Audience: **I T**
Content: **S T E M**
Location: Monterey Room, Hilton Pasadena

### "ECSTEM in China: Building Learning Experiences for Young Children"

Discover how leading international kindergartens in China are implementing STEM activities across age groups, blending Eastern and Western teaching practices.

**Presenter: Heidi Luo, MA, HuiJuan Ying & Lina Fu**
Hua Guo Tian Yu Education Technology
Target Audience: **P TK K FG SG A**
Content: **S T E M**
Location: Santa Rosa Room, Hilton Pasadena

## "Children as Researchers: Cultivating Knowledge in Community"

This presentation demonstrates a group of children and teachers exploring the 100 Languages, illustrating how their investigations became more collaborative and in-depth as they revisited the same subject collectively. The children engaged in a design thinking process, based on a framework from Stanford Design Lab.

**Presenter: Cindy Nelsen, AA & Octavia Leclerc-Jones, BA**
The New School West
Target Audience: **P TK K FG SG**
Content: **S T E M**
Location: San Marino Room, Hilton Pasadena

## "Creating a STEM-based Woodworking Program!"

Attendees will learn the benefits and ways to implement a woodworking program with young children safely, and how woodworking can be incorporated into a broader STEM program. Learn about the best tools for young children to use, how to set up a woodworking space for young children, and the step by step process of building children's skills over time.

**Presenter: Paul Ellis, MA**
Brentwood Sunshine Preschool
Target Audience: **P TK K**
Content: **S T E M**
Location: Pacific Room, Hilton Pasadena

## "Experimentations with Technology, Including AI: How Can Strong Pedagogy Help Us Navigate, Respond To, and Influence the Modern World?"

We recognize that children learn through experience, and in relation to contemporary society, and children have the right to participate in the world around them. With this in mind, we will share several documented experiences of children working with modern technologies at Boulder Journey School. These experiences span over a decade and include present day.

**Presenter: Alison Maher, MA & Andrea Sisbarro, MA**
Boulder Journey School
Target Audience: **I T P TK K FG SG A**
Content: **S T E M**
Location: Pasadena Room, Hilton Pasadena

## "Where Investigation Begins: STEM Books for Infants and Toddlers"

Explore STEM books that encourage discovery and curiosity for infants and toddlers. We will delve into simple board books and materials that demonstrate the importance of real-world concepts as an introduction to STEM.

**Presenter: Jennifer Montgomery, EdD**
College of Southern Nevada
Target Audience: **I T**
Content: **S T**
Location: San Gabriel Room, Hilton Pasadena

## "Slow Pedagogy as a Pathway to Inquiry: Nurturing Child-Led Investigations Through Time, Trust, and Presence"

What happens when we slow down to truly listen to children and their questions? Explore how a slow, relational approach to early STEM learning opens the door to deeper inquiry of the world around us. This session is for educators ready to move beyond activity-based STEM and embrace inquiry that unfolds through presence, patience, and sustained curiosity.

**Presenter: Amy Chiu, MSEd**
The Work of Play
Target Audience: **T P TK K**
Content: **S**
Location: Santa Clara Room, Hilton Pasadena

### "Origami STEM for Early Childhood: Exploring 200 Years of Japanese Paper Innovation Through Creative Learning"

Discover how "ordinary" paper can transform into an extraordinary STEM and creative learning tool. This session introduces a project-based exploration in which children investigate the diverse world of Japanese paper—a material Japanese culture has studied and innovated for over 200 years. Participants will experiment with various types of traditional paper, engage in origami-based physics and engineering activities, and experience how paper exploration can spark children's curiosity, problem-solving, and creativity.

**Presenter: Yoshimi Ueda, BA & Joslyn Wiilauer, MA**
Kodomo edu International School
Target Audience: **P TK K**
Content: **T E**
Location: San Diego Room, Hilton Pasadena

## *Micro-Session III: 2:45 pm – 3:30 pm*

### "Infants Exploring the World Through Their Senses"

Join us as we discuss practical insights into the vital role of sensory play in early childhood. Using guided, age-appropriate activities, we will explore how engaging the senses of touch, sight, sound, and smell helps build critical nerve connections in a young child's brain. This session provides a wealth of ideas for sensory activities, demonstrating how simple play can lay a strong foundation for a child's lifelong learning.

**Presenter: Eloisa McGah, BA & Elida Lopez, BA**
The Children's Center at Caltech
Target Audience: **I T**
Content: **S T E M**
Location: San Gabriel Room, Hilton Pasadena

### "STEM Through Play: Sparking Curiosity in Toddlers"

This session will inspire educators who are just beginning their STEM journey by showing that toddlers are naturally curious scientists, engineers, and mathematicians. Through a slide show of images, we'll explore developmentally appropriate invitations, such as pouring water, stacking blocks, rolling balls, and noticing shadows. Each image will highlight the underlying STEM ideas (force and motion, cause and effect, spatial reasoning, problem-solving) while staying rooted in toddlers' everyday play.

**Presenter: Monica Diaz, MA**
Canyon Crest Preschool
Target Audience: **T**
Content: **S T E M**
Location: San Marino Room, Hilton Pasadena

### "Joyfully Building a Love of Science in Young Learners: A Year-Long Curricular Exploration of Science in a Mixed-Age, Play-Based Classroom"

In this workshop we will be looking at how joy, play, and scientific inquiry all interact in the nursery school setting to engage and connect children to a love of science.

**Presenter: Emma Vallarino, MA & Laura Benard, MA**
Bing Nursery School, Stanford University
Target Audience: **P TK**
Content: **S**
Location: Pasadena Room, Hilton Pasadena

## "Investigating the Mystery of Unseen Science"

This workshop explores the mysteries of science as we share strategies, tips, and resources to joyfully and playfully investigate the unseen world of science that surrounds us.

**Presenter: Raissa Lee, MSEd**
Irvine Valley College
Target Audience: **I T P TK K FG SG**
Content: **S T E M**
Location: Pacific Room, Hilton Pasadena

## "Designers in the Making: Inspiring Young Minds Through STEM Play"

Discover how play-based, interactive STEM nurtures creativity, storytelling, and collaboration in early learners through science connections, mechanical technologies, engineering design, and math reasoning — all in meaningful building experiences.

**Presenter: Meshia Pink, BA**
Bricks 4 Kidz
Target Audience: **P TK K FG SG A**
Content: **S T E M**
Location: Santa Clara Room, Hilton Pasadena

## "Little Sprouts, Big Ideas: A STEAM Curriculum, Implementing Gardening"

Our ECE STEAM curriculum, with an implementation of gardening, supports children's growth by encouraging creativity and imagination through open-ended activities. It helps develop essential problem-solving and critical thinking skills, while promoting collaboration and communication among peers. This approach nurtures cognitive, emotional, and physical development, laying a strong foundation for future academic success.

**Presenter: Edith Flores, BA & Natane Ammons, BA**
Drew Child Development
Target Audience: **T P TK**
Content: **S T E M**
Location: Santa Barbara Room, Hilton Pasadena

## "Follow the Leader: Control and Freedom in STEM Learning Environments"

Rethink control and freedom in STEM learning. See what can happen when you stop controlling and directing children's learning.

**Presenter: Vivian Belmont, BA**
Imaginology Kids
Target Audience: **P**
Content: **S T E M**
Location: San Diego Room, Hilton Pasadena

## "Outdoor Adventures with Young Children and Their Teachers"

You will learn the practical logistics of taking young children and their teachers on extended outdoor adventures (including napping outside) based on the real experience of our San Francisco based preschool.

**Presenter: Kim Garcia-Meza, MA**
Escuelita Las Mañanitas
Target Audience: **P TK K**
Content: **S**
Location: Monterey Room, Hilton Pasadena

# Saturday, February 21st, 2026

## *Keynote Speaker: 8:30am - 10:00am*

## Joe Parker, PhD

Joe Parker is an Assistant Professor of Biology and Biological Engineering at Caltech. Originally from Wales, UK, he was drawn to the rich diversity of insects at a young age and developed a boyhood obsession with beetles that he has transformed into his laboratory's research program. He obtained a BSc in Zoology from Imperial College London and a PhD in developmental genetics at the University of Cambridge/Medical Research Council Laboratory of Molecular Biology. He moved to Columbia University as a Wellcome Trust postdoctoral fellow, and while in New York also became a Research Associate of the American Museum of Natural History. Joe's research focuses on understanding how relationships between species emerge during evolution.

## *Session I: 10:15 am – 11:45 am*

### "Learning by Making"

Think Tank is dedicated to enabling equitable access to quality STEAM education by bringing mobile classes and programs directly to schools, regardless of their location or resources. In this session, you'll experience how our dynamic, make-to-learn approach ignites creativity and cultivates critical thinking skills in even the youngest learners.
*Visit the Think Tank mobile lab during the Lab Tours from 2:00-4:30 at The Children's Center at Caltech.
**Presenter: Elad Offer**
Think Tank Science
Target Audience: **K FG SG**
Content: **S T E M**
Location: Pasadena Room, Hilton Pasadena

### "Cultivating Curiosity: Discovering How Plants Live & Thrive"

We've got the dirt on plants! From leaves to sunlight to bug-eating wonders, explore how plants live and thrive through close looking, hands-on investigations, and creative artmaking.
**Presenter: Kristin Brisbois McNutt, PhD**
The Huntington
Target Audience: **K FG SG**
Content: **S E**
Location: San Gabriel Room, Hilton Pasadena

## "The Reluctant Builder"

Not every child rushes to the block corner. Some hesitate, watch from the sidelines, or join only when prompted. This workshop explores the essentials of supporting "reluctant builders" and making block play inclusive for all learners.

**Presenter: Debbie Severin, BA**
The Caroline Pratt Center
Target Audience: **T P TK**
Content: **E M**
Location: Pacific Room, Hilton Pasadena

## "Integrating the Engineering Design Process (EDP) in Early Childhood Education"

This framework leverages STEM integration within early childhood education to explore the Engineering Design Process (EDP). Through structured hands-on experiences and project-based learning, we will demonstrate practical methodologies for teaching core academic subjects including: language and literacy, science, technology, engineering, and mathematics.

**Presenter: Eric Alvarado, MA & Eric Chavez, MA**
Roots and Wings at Seven Arrows Elementary School & Methodist Preschool
Target Audience: **P TK K**
Content: **S T E M**
Location: Monterey Room, Hilton Pasadena

## "Unleashing Curiosity & Creativity: Early Childhood Learning Through Playful STREAM Activities & Tech"

This presentation will explore the state of STREAM and how cutting-edge technologies like immersive augmented reality (AR) experiences can transform ECE into a wonderland of discovery.

**Presenter: Phong Tran, BS**
Eye On EdTech / Orange Coast College / Calif. State University, Fullerton
Target Audience: **I T P TK K FG SG A**
Content: **S T E M**
Location: San Diego Room, Hilton Pasadena

## "Storytelling is a STEM Superpower using Felts, Puppets and STEM-Rich Literature to Enhance Literacy Through Multiple Domains"

Fun, interactive, live storytelling engages all learners! Explore story time as differentiated instruction, opportunity for formative assessment, a way to nurture executive function, and the start of any good investigation!

**Presenter: Sundrina Cottrell**
Artfelt Puppets, Pieces & Props
Target Audience: **I T P TK K FG A**
Content: **S T E M**
Location: Santa Rosa Room, Hilton Pasadena

## "Patterns, Patterns, EVERYWHERE – Especially Outside"

Recognizing patterns is an essential part of the learning process, prevalent in language, daily routines, mathematics, music, art, and dance. But what constitutes a pattern outside? Please join us to explore environments and materials to discover a multitude of patterns outdoors.

**Presenter: Carrie Rothstein-Fisch, PhD & Katie Leon, MA, ABD**
California State University Northridge
Target Audience: **P TK K FG SG**
Content: **S M**
Location: Santa Marino Room, Hilton Pasadena

### "Light, Color, and Shadow as Invitations to Thought with Infants and Toddlers"
Discover how infants and toddlers act as capable researchers when invited into encounters with light, color, and shadow. Through video documentation, dialogue, and hands-on exploration, participants will uncover how environments and materials "speak," how curation communicates invitation, and how rich sensory experiences nurture early STEM thinking.
**Presenter: Jennifer Kesselring, Ashley Stewart & Whitney Dickinson**
Riverfield Country Day School
Target Audience: **I T**
Content: **S T E M**
Location: Santa Clara Room, Hilton Pasadena

## *Micro-Session II: 1:00 pm – 1:45 pm*

### "The Importance of Design and Nature in Early Childhood Education"
Discover how evidence-based, nature-infused design transforms young children's daily experiences—sparking curiosity, problem-solving, resilience, and empathy—while uniting educators and designers to create joyful, inclusive ecosystems of lifelong learning and stewardship.
**Presenter: Losmeiya Huang, MA & Todd Erlandson, MArch**
Growing Place Ocean Park & March Studio
Target Audience: **I T P TK K A**
Content: **S T E M**
Location: San Gabriel Room, Hilton Pasadena

### "Introducing the Blocks Math Institute!"
Join us to learn about our developing preschool to second grade unit blocks based mathematics curriculum. Attendees will try lessons from our pre-k pilot curriculum and other evolving curriculums.
**Presenter: Scott Moran, MSEd**
The Caroline Pratt Center
Target Audience: **T P TK K FG SG A**
Content: **E M**
Location: Pacific Room, Hilton Pasadena

### "Bridge Investigators: Decoding STEM Behaviors in 18-24 Month Olds"
Decode 18–24-month toddler behaviors as early science. Engage in provocations, analyze video, and practice documentation linking dumping, stacking, and transporting to STEM habits, responsive curriculum, and clear, strengths-based family communication.
**Presenter: Tiffany Johnson, MS**
Tiny Chaos Co/Dobson Christian Preschool and Childcare
Target Audience: **I T**
Content: **S T E M**
Location: Pasadena Room, Hilton Pasadena

### "Let's Investigate Plants in the Classroom Together!"
We'll discover different ways to approach plants in the classroom through the STEM lens. Investigating plants means giving children opportunities to observe, explore, learn responsibility and ask questions about how plants grow and change. The goal isn't just memorizing facts, but helping children build curiosity, problem-solving skills, and an appreciation for nature.
**Presenter: Mariana Contreras, BA**
Harmon Oaks Nursery School
Target Audience: **T P TK K FG SG**
Content: **S T E M**
Location: San Marino Room, Hilton Pasadena

## "Your Trash is My Treasure: Meaningful Experiences Through Recyclables"

Attendees will actively explore and be involved in innovative experiences through recyclables for intentional teaching and implementation of STEM. We will explore activities that offer opportunities for children to be critical thinkers and problem solvers, and where they can practice, learn, create, explore and develop by having experiences that are meaningful, purposeful and targeted.

**Presenter: Joshua Alvarez, MA**
Kaplan Early Learning
Target Audience: **I T P TK K FG SG A**
Content: **S T E M**
Location: Santa Clara Room, Hilton Pasadena

## "Aventuras al Aire Libre Con Niños Pequeños y Sus Maestros"

In this presentation titled, *Outdoor Adventures with Young Children and Their Teachers*, we'll learn the practical logistics of taking young children and their teachers on extended outdoor adventures (including napping outside) based on the real experience of our San Francisco based preschool.

***This presentation will be delivered in Spanish.**

**Presenter: Kim Garcia-Meza, MA**
Escuelita Las Mañanitas
Target Audience: **P TK K**
Content: **S**
Location: Santa Barbara Room, Hilton Pasadena

## "Look What I Built! How to Incorporate the Block-Play in STEM Education for Young Children"

This workshop will focus on strategies to enrich the block-play area in early childhood classrooms by providing practical, hands-on STEM experiences highly relevant to young children. It will also highlight how to integrate children's block play and woodworking experiences into a STEM curriculum while aligning with the Preschool Learning Foundations and DRDP measures.

**Presenter: Rokeya Rahman, MA**
East Los Angeles College
Target Audience: **T P TK K FG SG A**
Content: **S T E M**
Location: San Diego Room, Hilton Pasadena

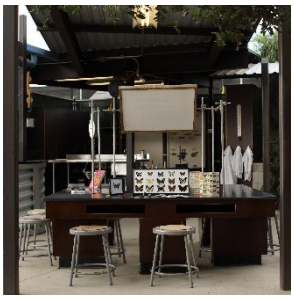
# Lab Tours

Saturday, February 21st, 2026 | 2:00 pm – 4:30 pm

## ***Self-Guided Tours (Open Access)***

- No registration required. Drop in anytime between 2:00–4:30 pm.
- Available to Two-Day and Saturday registrants during this time only.
- Includes **The Children's Center at Caltech**, **Think Tank Science Mobile Lab**, and the **Polytechnic Elementary Science Lab**.
- Transportation is not provided. Parking is available at **The Children's Center at Caltech**, 1200 E California Blvd., Pasadena, CA 91125.

### The Children's Center at Caltech Lab



https://ccc.caltech.edu/

The Children's Center at Caltech is an NAEYC Accredited, non-profit organization, that has been providing high quality early education and care for children ages six months through five years since 1972. Using a constructivist approach, the CCC implements a science-based curriculum to nurture the natural curiosity of children as a foundation for life-long learning.

### Polytechnic Elementary Science Lab

https://www.polytechnic.org/

Built in 1907, Poly has been a cherished part of Pasadena's history for more than a century. As an independent K–12 school, they are proud to offer a dynamic and engaging Science program for our youngest learners—Kindergarten through fifth grade. The Elementary Science Lab is a bright, beautifully designed space crafted to inspire wonder. Natural light pours in through a solar tube and floor-to-ceiling windows, creating an inviting environment where students can think, explore, and imagine.

### Think Tank Science Mobile Lab

https://thinktankscience.org/

Think Tank is dedicated to enabling equitable access to quality STEAM education by bringing mobile classes and programs directly to schools, regardless of their location or resources. Our hands-on learning environment ignites curiosity, creativity, and critical thinking skills in students, preparing them for success in an ever-evolving world. Through our innovative programming, brought to life by a dynamic team of educators and state-of-the-art equipment, we bridge educational gaps and empower learners of all ages to become confident, capable thinkers and doers.

# *Guided Tours ( Advanced Registration Required)*

## Tour Times: 2:30 pm & 3:15 pm

- Guided tours of select Caltech labs are available to Two-Day and Saturday registrants by **signing up in advance at the conference registration table** (Hilton Pasadena).
- Each participant may select **one lab and one time slot only**. Space is limited, and your preferred lab or time may not be available.
- Tours will meet at **The Children's Center at Caltech** (1200 E California Blvd., Pasadena, CA 91125). Transportation is not provided.
- At your scheduled tour time you will meet your guide at the **Oak Tree in front of The Children's Center at Caltech**.
- Tours require **walking and extended standing**. Please expect approximately a total of **20 minutes of walking** and **20–25 minutes of standing** during the lab tour.
- **Tours depart promptly at the scheduled time. Late arrivals will not be accommodated.**
- You are welcome to visit Caltech's **open, self-guided tour sites** before or after your scheduled guided tour.

### Parker Lab

https://www.beetles.caltech.edu/

Led by Joseph Parker, the Parker Lab explores how symbiotic relationships evolve, and how and why these interactions have emerged, shaping the biosphere around us.

### Taboada Lab

https://www.taboadalab.com/

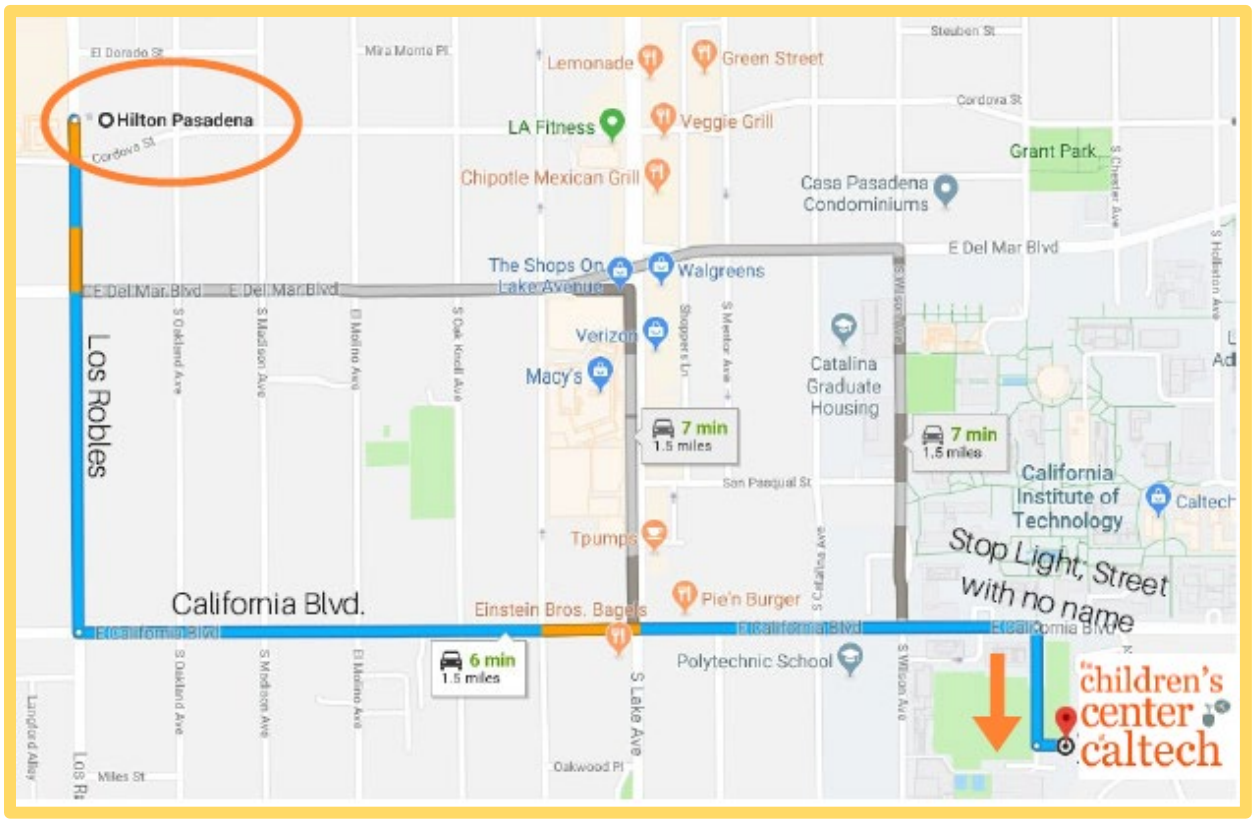
Led by Carlos Taboada, this lab investigates non-model amphibians that exhibit remarkable optical traits such as whole-body transparency, high infrared reflectance, and near-infrared fluorescence.

### Advanced Mechanical Bipedal Experimental Robotics Lab

http://www.bipedalrobotics.com/

Led by Aaron Ames, AMBER Labs research ranges from bipedal robotic walking to prosthesis to formal hybrid systems theory to cyber-physical and automotive systems.

# Directions to all Lab Tours from the Hilton Pasadena




All tours will begin at The Children's Center at Caltech (1200 E California Blvd. Pasadena, CA 91125). Transportation is not provided.

## To get to The Children's Center at Caltech from the Hilton Pasadena:

1) Head South on Los Robles from the hotel
2) Turn left onto California Blvd. and head East
3) We are located on an unmarked street off California Blvd. between Wilson Ave. and Arden Rd.
4) You will turn right (South) onto the unmarked street at the stoplight located in front of the Caltech sign, the large rust colored Cahill building, and tennis courts. Look for our CCC signage on the corner.
5) Follow the tennis courts to the end and there we are! You may park in the lot adjacent to our center, or the underground parking structure directly in front of our center.