

# ORANGE COUNTY EARLY CHILDHOOD STEM SYMPOSIUM

## Come Tinker with Us!



## Program

### Welcome

**Dr. Linda Christopher**, Executive Director, OC STEM Initiative

### Pasadena ECSTEM Conference Recap

**Tiffany Alva**, Director, THINK Together Early Childhood Education

**Susan Wood**, Executive Director, Children's Center at Caltech

### STEM in our Rapidly Changing World

**Dr. Gregory Washington**, Dean, UCI Samueli School of Engineering

Introduction by **Gerald Solomon**, Executive Director, Samueli Foundation

### Table Discussion

#### STEM in OC: Boots on the Ground

Panel facilitated by **Jamie Annunzio Myers**, So Cal PBS

**Tom Chiaromonte, Ph.D.**, Fullerton Community College

**Susan Wood**, The Children's Center at Caltech

**Nellie Pedraza**, Anaheim City School District

**Aimee Goulding**, Blind Children's Learning Center

**Jean Barbre Ed.D.**, Orange County Department of Education

### Buffet Lunch

#### The Art of Tinkering

**Nino Polizzi**, Rocket Scientist, STEM Instructor

Introduction by **Sandra Barry**, Commissioner,

Children and Families Commission of Orange County

#### Come Tinker with Us

**James Gap**, Engineer, STEM Instructor

Integrated Literature Activity, **Jean Barbre Ed.D.**, Orange County

Department of Education

#### Orange County Call to Action

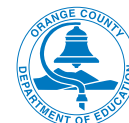
**Tamika Lang**, The Boeing Company

### Special Guest & Active Learning Tinkering Experiences

### Take the symposium with you!

As you hear new ideas, get inspired and create a personal action plan. For each speaker/element, we offer questions for reflection.

1. What is one professional development goal in the area of EC STEM that I want to pursue this year?
2. What new fact or concept do I want to learn more about? How do I use it to make STEM relevant for my children and parents?
3. What one new practice am I inspired to implement in my district, school, classroom or home? Who do I need to "bring on board" and what's my plan to gain support?
4. Why is the engineering process so important for young children to experience? How can I incorporate this process and STEM strategies into every day classroom activities?
5. Will tinkering help my children? How? Can I improve my space to make it easier for children to tinker?
6. How will my center/classroom look different this year? Who will I enlist to help make it happen?



THINK Together



ORANGE COUNTY  
BUSINESS COUNCIL