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

**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?