

# PRESERVE EATONVILLE COMMUNITY

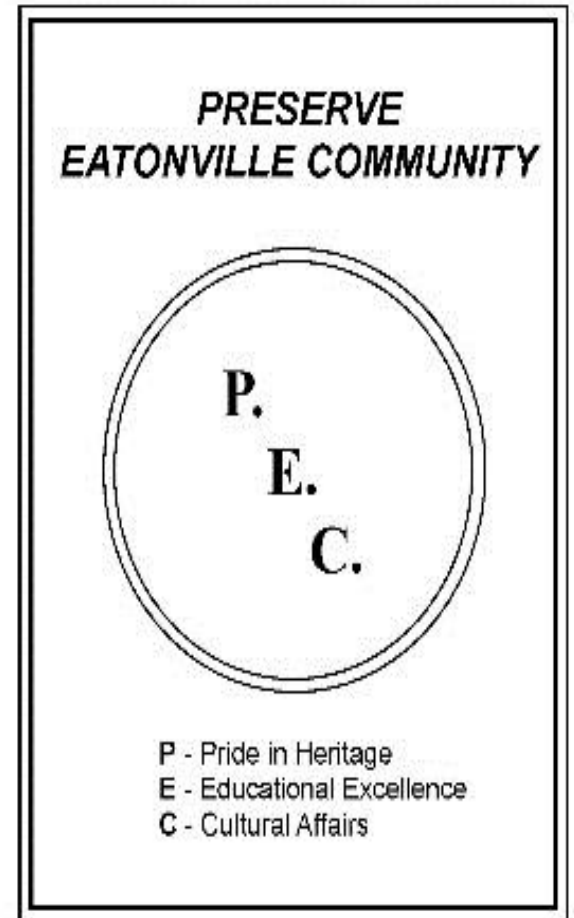
**ZORA!™ STEM** – A 10-Year Research-Based Initiative of

The Association to Preserve the Eatonville  
Community, Inc. (P.E.C.)

Status Report Presented to the  
National Center for Simulation –  
Education & Workforce Development Committee

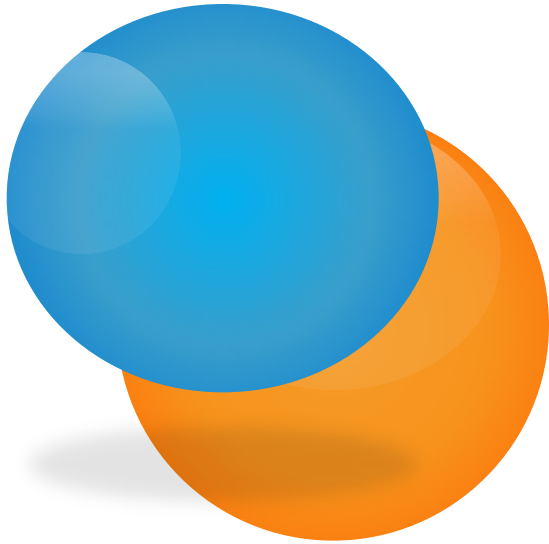
Wednesday, September 24, 2014  
3:30 – 5:30PM

Central Florida Research Park – Partnership III  
Building, Room 321  
Orlando, Florida



# “Just the Facts, Ma’am”

## Background Information



**Describe P.E.C.** – Established in 1987, a 501 (c ) 3 historic preservation and arts organization with a commitment to community revitalization through pre-K-grade 12 educational excellence

What is the **ZORA!™ STEM** Initiative?

- P.E.C.’s 10-year commitment to address “the leaky pipeline,” with special emphasis on the middle school population, whose cohort is composed of persons historically under-represented in **STEM** careers
- Dr. Pamela McCauley, Professor of Industrial Engineering & Managements System - Leading our research effort

# What has P.E.C. Accomplished to date with the ZORA!™ STEM Initiative?

- **ZORA!™ STEM** Conference for Students in Grades 6 – 12, Friday, “Education Day,” January 31, 2014, 25th Annual Zora Neale Hurston Festival of the Arts and Humanities (**ZORA!™ Festival**) – UCF Rosen College of Hospitality Management with 135 participating students predominately from Orange Count Public Schools

## Partners

Universal Orlando Foundation  
Brighthouse Networks  
Carnival Cruise  
Congresswoman Corrine Brown – Florida 5th District  
Duke Energy  
InGlur, Inc.  
National Center for Simulation  
Valencia Community College.  
Naval Air Warfare Center Training Systems Division

Orange County Public Schools  
Orlando Science Center  
UCF Chapter of National Society of Black Engineers  
UCF College of Arts & Humanities  
UCF College of Medicine  
UCF Rosen College of Hospitality Management  
techPATH  
Team Orlando  
Florida High Tech Corridor Council

- **ZORA!™ STEM** Summer Camp for Middle School Students, June 16 – July 11 – Maitland Middle School  
39 enrolled    29 “graduates”
- Valencia College – West Campus – “Home” to the **ZORA!™ STEM** Conference , “Education Day,”  
Friday, January 30, 2015 ; with on-going commitment to host this event

# ZORA!™ STEM Summer Camp Photos



Camp Curriculum



Display Board on Water



Field Trip Experiences



Students Presenting on Anartica  
as "Tourist- Free" Zone



Families at Closing Program



# What's Next?

## Currently:

- Planning for **ZORA!™ STEM** Fundraiser – International Women's Day, Saturday, March 7, 2015
- Planning for **ZORA!™ STEM** Summer Camp, June 15 – July 10, 2015
- Seeking partners to help advance the ZORA!™ STEM Initiative

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