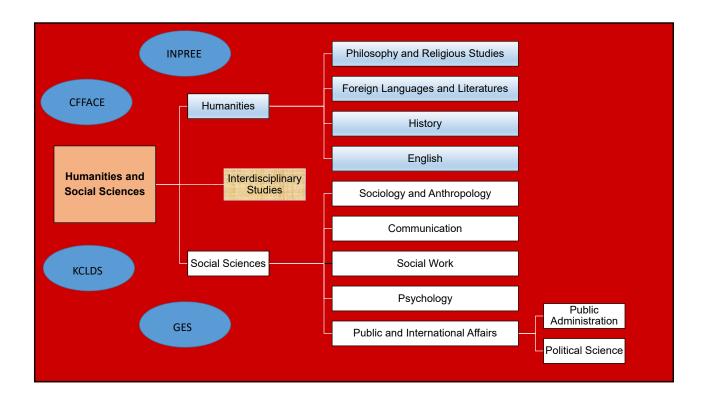
# Joint Faculty Meeting: Design, Humanities, & Social Sciences

26 March 2018

# College of Design

• Overview by Dean Hoversten





### A Snapshot of our College

- 4,300 students
- 600 faculty and staff
- 50+ majors, 40+ minors, 12 master's degrees, five Ph.D. programs, three dual-degree programs and four graduate certificates
- 38,600 alumni

## **Designing Your Life (After Graduation)**



# Immersive Environments to Augment Human-Machine Interactions

(Roger Azevedo, Psychology)

Using Virtual Reality to Foster Interdisciplinary Collaboration in an Undergraduate Course on Human and Machine Learning and Intelligence

(Azevedo, Jhala, Fitzpatrick, & Berreth)

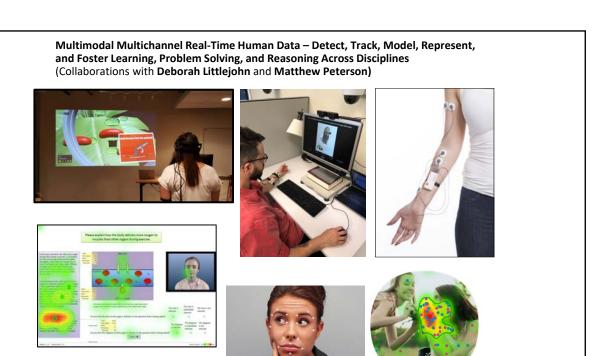


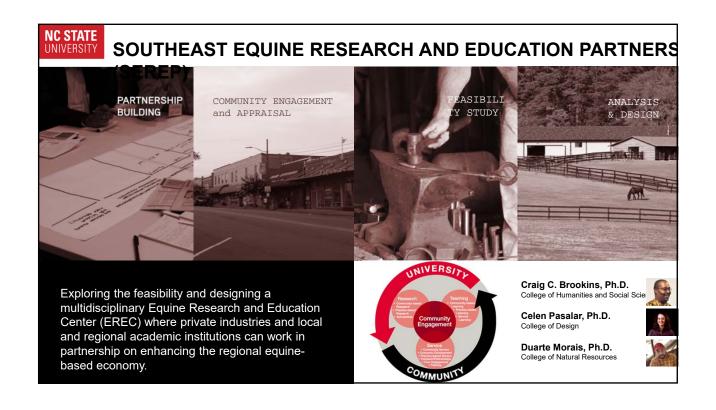
#### Augmented Reality Based Presentation and Sensing for Learning

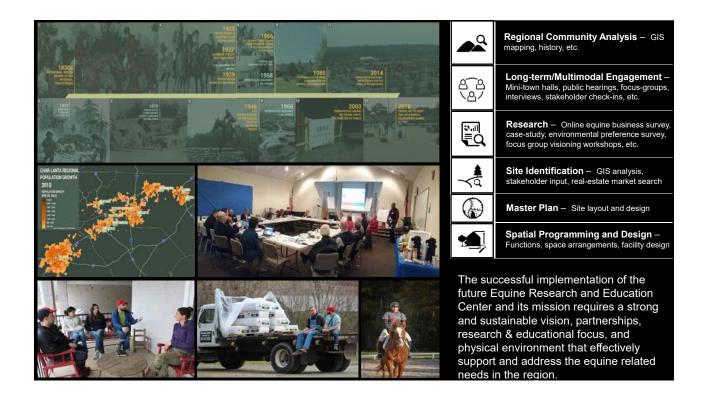
(Watson, Azevedo, & Fitzpatrick)











# Food and Housing Security among NC State Students Initiative

#### Vision

All NC State students will have access to sufficient, nutritious, culturally appropriate, and affordable food & safe, affordable housing accessible to the university.

Launched in fall, 2017

#### **Tom Barrie, Architecture**

Affordable Housing & Sustainable Communities Initiative

Mary Haskett, Psychology

## "Thinking"

- Student Survey
  - •14% food insecure past 30 days
  - •9.6% homeless past year



# "Doing"

 Applying expertise across disciplines to develop a comprehensive coordinated system of care to help students meet their basic needs

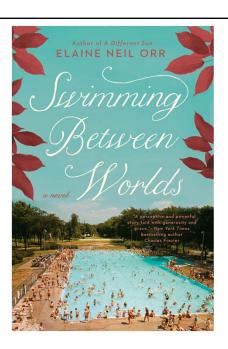
# SWIMMING BETWEEN WORLDS

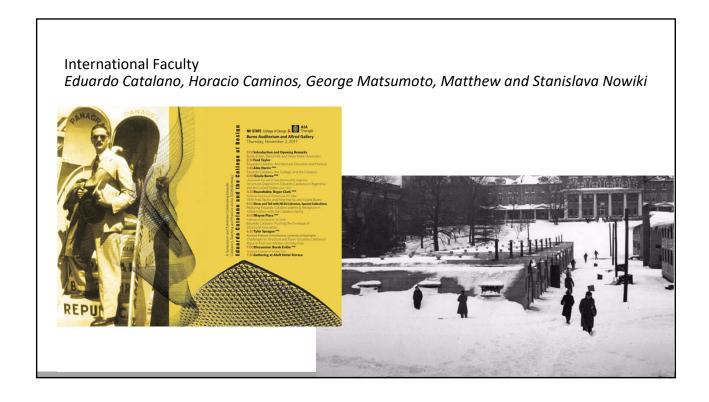
Conjuring an Architect in Fiction

The miracle of fiction is that history comes along to back you up.

Elaine Neil Orr, Professor, English

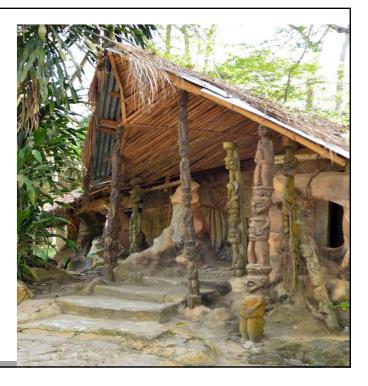
Collaboration with Abie Harris, 1957 graduate, NCSU School of Design, Paris Prize in Architecture, 1959, University Architect, 1993-99; Fellow, American Institute of Architects





## The global novel

"Everything was timing. Even architecture. The time the eye takes to comprehend the foundation, the rising wall, the shape of the portico, the heartbeat of windows, the rise of the roofline, the surging backand-forth of the brain's receptors comprehending, achieving finally the vault of sky."



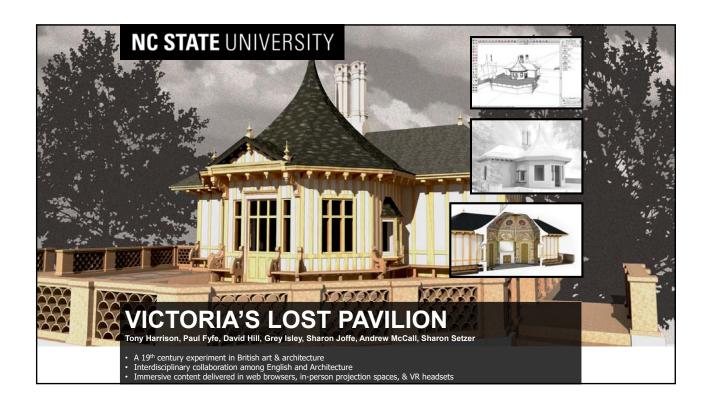


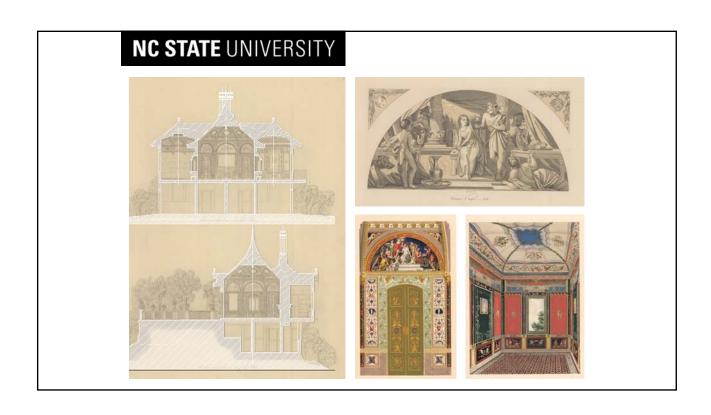
#### Sealed Air Unboxing Project, COD, Graphic Design Dept, 2017

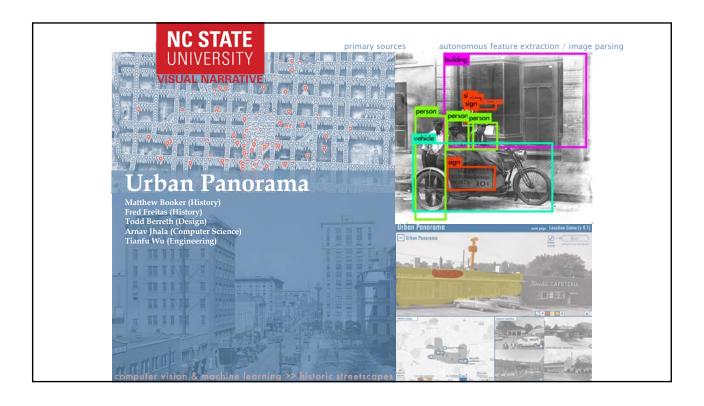
Unboxing Observation Benchmarking

#### User Interviews

Personas & Scenarios User Journey Map Ideation/Sketches UX Storyboards Lo-Fi Prototypes
Critiques
Bodystorming
Revised User Journey
Hi-Fi Prototypes
Scenario Videos
Final Presentation









- + investigating history topics via computational media and interactive systems
  + project-based course where teams of student historians, designers and computer scientists work collaboratively to
  design and develop interactive media experiences, centering on an exploration of primary sources, visualization and
  analysis, and public storytelling and engagement.
  + project types include interactive data visualizations and map-making, serious games development, virtual/mixedreality experiences, interactive exhibition design, among others.

