ISEA2017

23rd INTERNATIONAL SYMPOSIUM ON ELECTRONIC ART

XVI INTERNATIONAL IMAGE FESTIVAL

LEARNING CALL

1. Title

The New Yellow Peril: The Destruction of Non-Disaggregated Data on the Asian American and Pacific Islander Community

2. Duration (only workshops and tutorials)

Half day _N/A_ Full day _N/A_

3. Organizers and presenters' names and affiliations

Adrian Ang
Undergraduate Design Student at the University of California, Davis

4. Abstract (ready for diffusion). 200 words maximum.

This project examines the effects that non-disaggregated data has on the Asian American Pacific Islander (AAPI) community through a data visualization interface. Although AAPIs are often stereotyped and seen as high-performing in many different fields, especially through the lens of the "model minority" myth, the data used to support that assumption is typically aggregated. It does not reflect discrepancies between each AAPI ethnic subgroups, resulting in some of the struggles and narratives of certain AAPI subgroups in these fields to remain "unseen," and ultimately, "unknown." By visualizing data from different sources, this project will juxtapose aggregated and disaggregated data about AAPIs in order to reimagine how we perceive the AAPI community in Western society.

5. Rationale, instructional methods, and description

DESCRIPTION:
This project will be an interactive interface that takes in data sets reflecting Asian American Pacific Islander (AAPI) communities and displays the data in ways to make users and the audience reimagine how they perceive the AAPI community. Users are presented with an interface that lets them view sample data sets relating to AAPIs and upon interaction, can see how that data changes after disaggregation and the taking into account ethnic subgroup differences. In seeing that change visually, the aim is for users to

reflect upon and see the AAPI community in a new light: one in which they are aware of the social implications that data disaggregation can have. By seeing aggregated and disaggregated data in tandem, users and the audience will be able to see how the same data, presented in different forms, offers different kinds of insights. Other components to this project may include: photo/video/narratives from various AAPI-identifying individuals about data disaggregation (and how it affects them) and a glossary of AAPI contemporary and historically-based issues to provide background and context.

A prototype will be available at: acbang.github.io/des157/project/final

RATIONALE:
CRITICAL PERSPECTIVES ON THE USE OF TECHNOLOGY FOR PEACE
"Are there cultural identity tensions catalyzed by technologies? How can technology promote intercultural dialogue and peace construction?"

Although there have been federal and state efforts in the United States to start presenting disaggregated data about the AAPI community, there is still much data that is either still not disaggregated, not easily accessible for the general public, or is presented in confusing and unclear ways. By visualizing and approaching data through the lens of design and technology, users can understand this data and what data disaggregation means to the AAPI community much more easily and in a way that provides more insight. Through reflecting upon this data, one can reframe the way they perceive the AAPI community and in turn, impact society by being mindful about how data surrounding the AAPI community (and more broadly, race and ethnicity) is presented. In reframing the way we think about the AAPI community, we may better understand other communities of color, how data affects them, and what race means in the United States and the rest of the world as well.

INSTRUCTIONAL METHODS: N/A (Artist talk/work in progress, not workshop or tutorial)

---

6. Plan to solicit participation (only workshops and tutorials)

N/A (Artist talk/work in progress, not workshop or tutorial)

---

7. URL of website (only workshops and tutorials)

A prototype will be available at: acbang.github.io/des157/project/final

---

8. Technical Rider. Please provide the requirements (technological equipment, materials and characteristics of space) (only workshops and tutorials)

N/A (Artist talk/work in progress, not workshop or tutorial)

---

9. Biographies of the Author(s).

Adrian Ang is an undergraduate student studying Design at the University of California, Davis. He is interested in the topics of visual communications, web development, user experience and interaction, and data visualization. As an identifying Filipino-American, he is also interested in contemporary issues

surrounding the Asian American and Pacific Islander community.

Author:

First name: Adrian
Last name: Ang
Email: acang@ucdavis.edu
Country: United States
Organization: University of California, Davis (Design)
Web page: acbang.github.io/des157/

Title: The New Yellow Peril: The Destruction of Non-Disaggregated Data on the Asian American and Pacific Islander Community

Abstract: (see above)

Keywords: data visualization, asian america, pacific islander, data disaggregation, interface, design

Sub-themes: Please select one or more sub-themes

Bio creation & data
Critical perspectives on the use of technology for peace
Media art, landscape and heritage
Interdisciplinary platforms for coexistence
The cultural dimensions of bio-creation and peace
Design, Art, Science, and Technology