

Second-Year Seminar Posters (COE 202)

Undergraduate Research

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#### **DISCOVERY Children's Museum**

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## DISCOVERY CHILDREN'S MUSEUM

**ALEX LOYD** 

## INTRODUCTION

- FOSTERS A
   WELCOMING,
   VIBRANT, AND
   INCLUSIVE
   ENVIRONMENT
- PLAYFUL,
   EDUCATIONAL
   EXPERIENCES THAT
   IGNITE A LIFELONG
   LOVE OF LEARNING.
- SUPPORTS SCIENCE AND ART EDUCATION IN SOUTHERN NEVADA.
- "WHERE ALL ARE INVITED" PROGRAM
- 1. DeNavas-Walt, Carmen and Bernadette Proctor. "Income and Poverty in the United States: 2014." Economics and Statistics Administration, 2015. Table 3: People in Poverty by Selected Characteristics: 2013 and 2014. 23 November 2019. <a href="https://www.census.gov/content/dam/Census/library/publications/2015/demo/p60-252.pdf">https://www.census.gov/content/dam/Census/library/publications/2015/demo/p60-252.pdf</a>.
- 2. National Science Foundation. "2018 Indicators Report U.S. and Global STEM Education." 2018. 23 November 2019. <a href="https://nsf.gov/statistics/2018/nsb20181/digest/sections/u-s-and-global-stem-education">https://nsf.gov/statistics/2018/nsb20181/digest/sections/u-s-and-global-stem-education</a>.
- 3. U.S. Census Bureau. "2013-2017 American Community Survey 5-Year Estimates." 2017. 23 November 2019. <a href="https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>.">https://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>.</a>

# Social Issue Research

#### **EDUCATION ATTAINMENT**

- 20% OF LAS VEGAS RESIDENTS AGE 18
   24 LACK A HIGH SCHOOL DIPLOMA. (1)
- 28% OF THE US POPULATION WITH NO
  HIGH SCHOOL DIPLOMA AND 14 % WITH
  A HIGH SCHOOL DIPLOMA LIVE AT OR
  BELOW THE POVERTY LINE. (3)
- ONLY 10% OF STEM DEGREES
   AWARDED GLOBALLY ARE AWARDED IN
   THE USA. (2)



### Service Learning Experience

- LED ASTRONOMY DAY
   EXHIBIT. TEACHING
   CHILDREN HOW NASA
   MEASURES CLIMATE
   CHANGE WITH
   SATELLITES.
- REWARDING
   EXPERIENCE EVERY
   TIME
- DAILY SCIENCE
   EXPERIMENTS

