



UNIVERSITY of HAWAII®

KAPI'OLANI
COMMUNITY COLLEGE

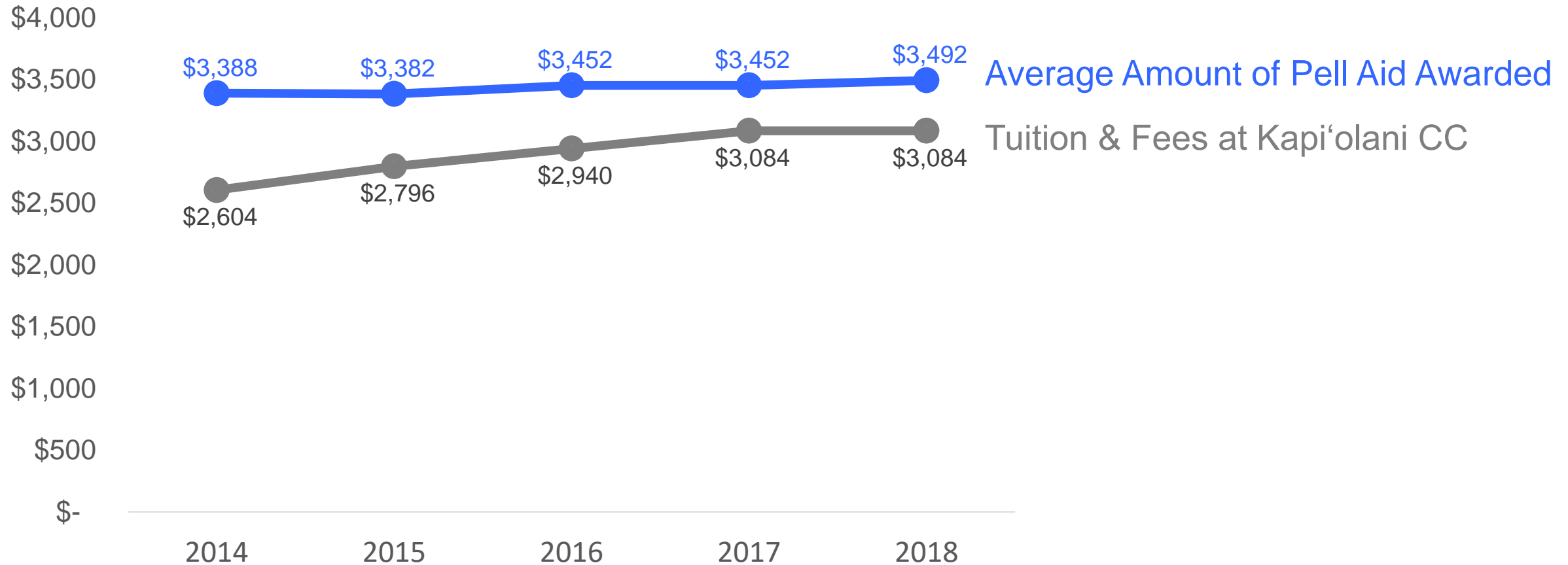
Diving into Pell Data

Supporting Our Students

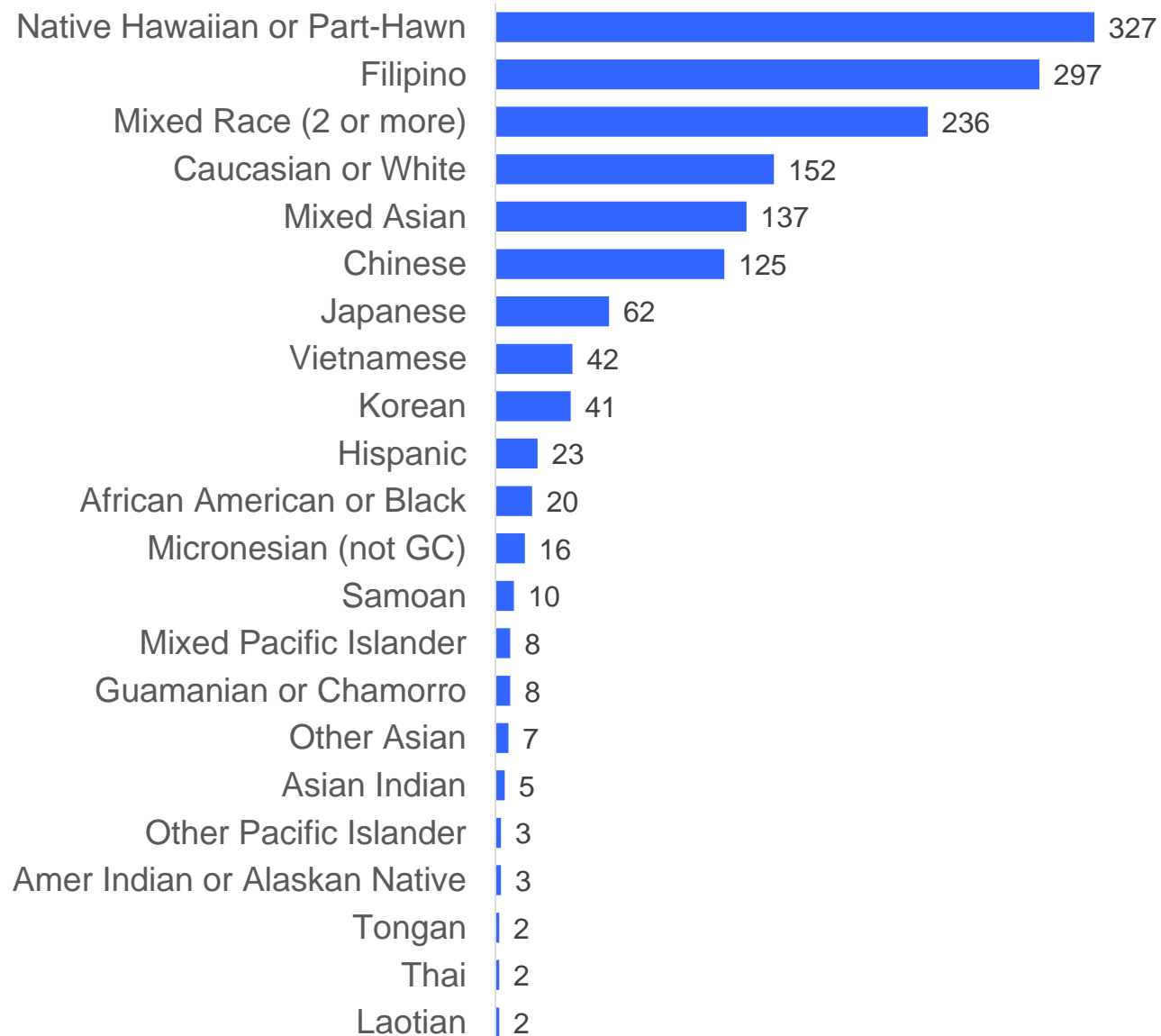
exploratory findings | data contact: karapw@hawaii.edu | April 18, 2019

Step 1: Follow the Funding

What can the college do to supplement the narrowing gap between costs for its students and stagnant Pell allotments each academic year?



Who receives Pell funding?

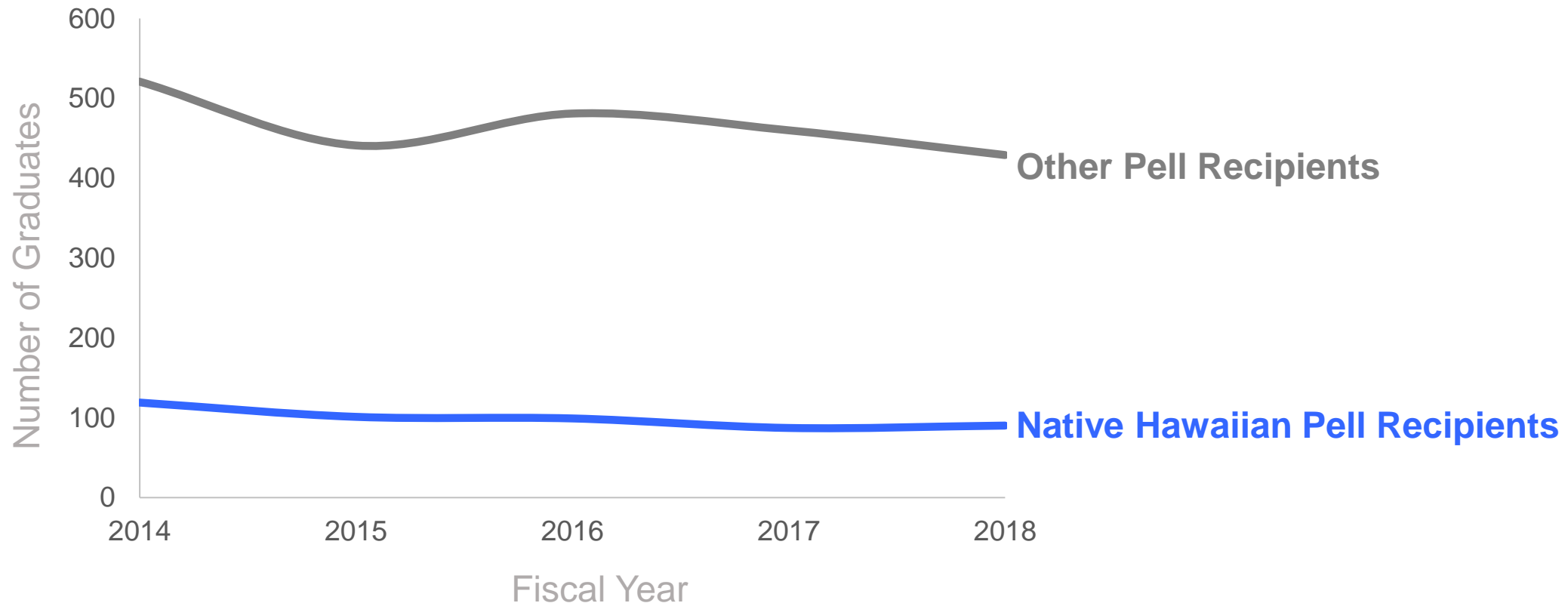


Step 2: Look for patterns.

This chart shows students currently enrolled at Kapi'olani CC [spring 2019] who are receiving Pell money or have received it in the past.

An enriched quantitative analysis to understand Native Hawaiian and Part-Hawaiian student enrollment trends will provide the foundation for further qualitative research into how this demographic is affected by the Pell grant.

The **graduation rate** for Pell recipients is decreasing as it is for all groups on the Kapi‘olani Community College campus, but the rate is **less extreme for Native Hawaiian students** compared to the non-Native Hawaiian population.



Non-Native Hawaiian Linear Regression | $y = -16.5x + 33730$ | $R^2 = 0.5157$

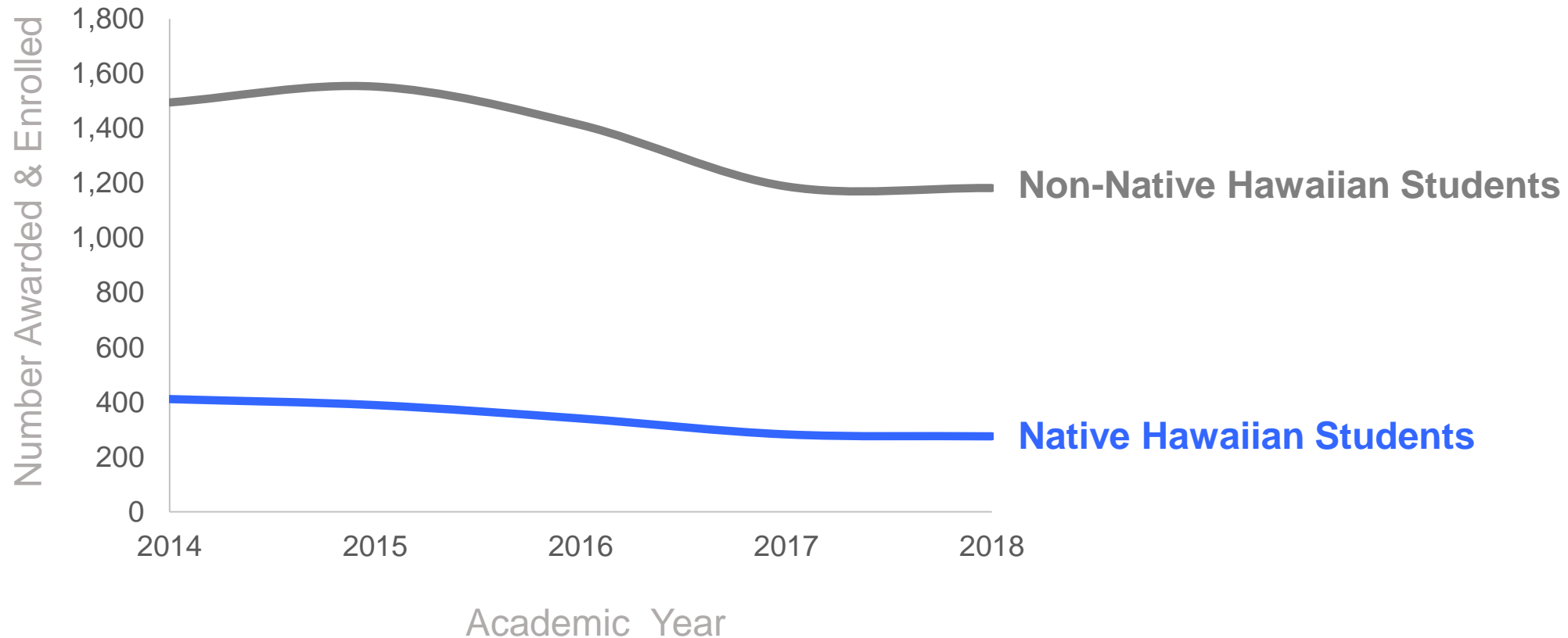
Native Hawaiian Linear Regression | $y = -7.2x + 14614$ | $R^2 = 0.8244$

Pell Recipient Number of Graduates

FISCAL YEAR	NATIVE HAWAIIAN	NON-NATIVE HAWAIIAN	TOTAL
2014	119	521	640
2015	101	441	542
2016	99	481	580
2017	87	460	547
2018	90	429	519

*Since FY 2014, 496 Native Hawaiian Pell Recipients have graduated, constituting 17.5% of all Pell Recipient graduations, which aligns with the overall Native Hawaiian population of the campus (18% in fall 2018).

The declining rate of **students who are awarded Pell grants** is **less extreme for Native Hawaiian students** compared to non-Native Hawaiian students.



Non-Native Hawaiian Linear Regression | $y = -99.1x + 201152$ | $R^2 = 0.8228$

Native Hawaiian Linear Regression $y = -37.9x + 76746$ | $R^2 = 0.9557$

Pell Recipient Students Awarded & Enrolled

ACADEMIC YEAR	NATIVE HAWAIIAN	NON-NATIVE HAWAIIAN	TOTAL
2014	411	1,495	1,906
2015	389	1,553	1,942
2016	340	1,413	1,753
2017	282	1,188	1,470
2018	275	1,182	1,457

*1,697 Native Hawaiian students have received Pell grants and enrolled at Kapi‘olani Community College since AY 2014. Native Hawaiian students constitute 20% of the Pell recipient population, which is slightly higher than the overall Native Hawaiian population of the campus.



Where do we go from here?

More sophisticated studies may yield more sophisticated results.

Future quantitative analysis could include looking at the Pell population compared to the non-Pell population with attention to performance metrics, such as course success, transfer rates, retention patterns, and graduation totals.

Qualitative analysis may begin with case studies of non-Pell recipients who struggle financially, discovering why they are not benefitting from this grant.

Data leads to discovery, which leads to discussion. What do you notice and what do you wonder after looking at this exploratory collection of Pell recipients at Kapi'olani Community College?