From Inception to Proof: Data Use within the Early College High School Program Grant

Sena Pierce and Nicole Atwood
Data Summit 2016 – April 8, 2016
Partnership between early education, HIDOE, and UH

Keeping students in the education pipeline

Promoting 55 x ‘25
Early College High School Program

Inception → Proof
Early College High School Program

Inception \[\rightarrow\] Proof
 ✓ Published in January 2014
 ✓ Data reviewed: participation, grades, college enrollment, 1-year retention & award rates.
✓ † College Enrollment
✓ † 1-Year Retention
✓ † Degree Attainment

- Males
- Native Hawaiians
- Pacific Islanders
- Economically Disadvantaged
What is early college?

Dual credit opportunity where college-level classes are provided to high school students on their high school campus.
Early College High School Program
**Early College High School Program – Logic Model**

**Resources**
- Financial support for direct costs (Castle, GEAR UP, HIDOE, and UH)
- Resources for supplemental programming (GEAR UP, foundations, partner programs, etc.)
- Dedicated staff at P-20, high school (HS), and UH campus

**Program Components**
- Recruitment and preparation of non-traditional students\(^1\) to participate
- Supplemental support services (i.e. orientation, tutoring)
- College-level courses conducted on the participating HS campus
- Expert technical support: implementation, planning, and convening a community of learners

**Outputs**
- # of student participants from non-traditional groups
- # and type of supplemental support services offered
- # of college-level courses conducted on the HS campus
- # and type of technical support visits, workshops, and/or convening

**Short-term outcomes (by the end of the grant)**
- Greater proportion of dual-credit participants from non-traditional groups
- More students will enroll in college fall after graduation

**Outputs**
- Participating schools will implement school specific five-year strategic plans for dual enrollment

**Mid-term outcomes (within 2 years from the end of the grant)**
- More students will enroll in entry-level college courses

**Long-term outcomes (within 5 years from the end of the grant)**
- Participating schools will sustain key components of their ECHS program

**Impact**
- Institutionalized or state-sponsored Early College High School program
- 55% of working age adults will have a college degree by 2025

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\(^1\) Non-traditional groups include a) students from particular demographic groups identified as non-traditional participants in Running Start including: male students, Native-Hawaiian students, and low-income students; b) middle-level academic achievers, and/or c) students from target groups identified by participating schools in ECHS proposals.
Recruitment and preparation of non-traditional students to participate (in ECHS)
“Target population”

- Example 1: AVID participants
- Example 2: Male, Native Hawaiian, low-income & first generation
- Example 3: Low-income students who demonstrate interest in a CTE pathway
Early College High School Program

Inception

Proof
Early College High School Program

Inception → Proof
Inception → Proof
ECHS Technical Assistance
January 2015

Department of Education LDS
✓ What is the LDS
✓ Login
✓ Navigation

To...
Identify target population for recruitment
“Target population”

- Example 1: AVID participants
- Example 2: Male, Native Hawaiian, low-income & first generation
- Example 3: Low-income students who demonstrate interest in a CTE pathway
“Target population”
ECHS Profiles

How
- IRB
- DXP data sharing request

What
- 12 ECHS Schools
- Class of 2012, 2013, and 2015
  - Ethnicity
  - gender
  - SES
  - assessment (HSA)
  - program status
Report

- Class of 2014 only
- Collapse “Asian”
- Visuals for at-a-glance comparisons
September 2015

Reports reviewed during first technical assistance meeting of Year 2....
ECHS Profiles (ethnicity)

School (2820)
- Other: 9%
- White: 7%
- Pacific Islander: 9%
- Hawaiian: 28%
- Asian: 47%

Dual Enrollment (381)²
- Other: 4%
- White: 11%
- Pacific Islander: 3%
- Hawaiian: 20%
- Asian: 61%

College Enrollment (1471)
- Other: 9%
- White: 9%
- Pacific Islander: 6%
- Hawaiian: 22%
- Asian: 55%
ECHS Profiles (gender)

School (2820)
- Male: 51%
- Female: 49%

Dual Enrollment (381)
- Male: 35%
- Female: 65%

College Enrollment (1471)
- Male: 45%
- Female: 55%
ECHS Profiles (low-SES)

<table>
<thead>
<tr>
<th>Category</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>School (2820)</td>
<td>54%</td>
</tr>
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<td>Dual Enrollment (381)</td>
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</tr>
<tr>
<td>College Enrollment (1471)</td>
<td>45%</td>
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ECHOH Profiles (low-SES)

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<tbody>
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ECHS Profiles (HSA reading)

School (2820)
- Exceeds 12%
- Meets 54%
- Approaching 19%
- Below 9%

Dual Enrollment (381)
- Exceeds 27%
- Meets 61%
- Approaching 8%
- Below 2%

College Enrollment (1471)
- Exceeds 17%
- Meets 61%
- Approaching 14%
- Below 5%
ECHS Profiles (ELL/IDEA)

- School (2820): 5% ELL, 8% SPED
- Dual Enrollment (381): 1% ELL, 1% SPED
- College Enrollment (1471): 2% ELL, 4% SPED
Early College High School Program

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Early College High School Program
Mahalo Nui Loa!
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