

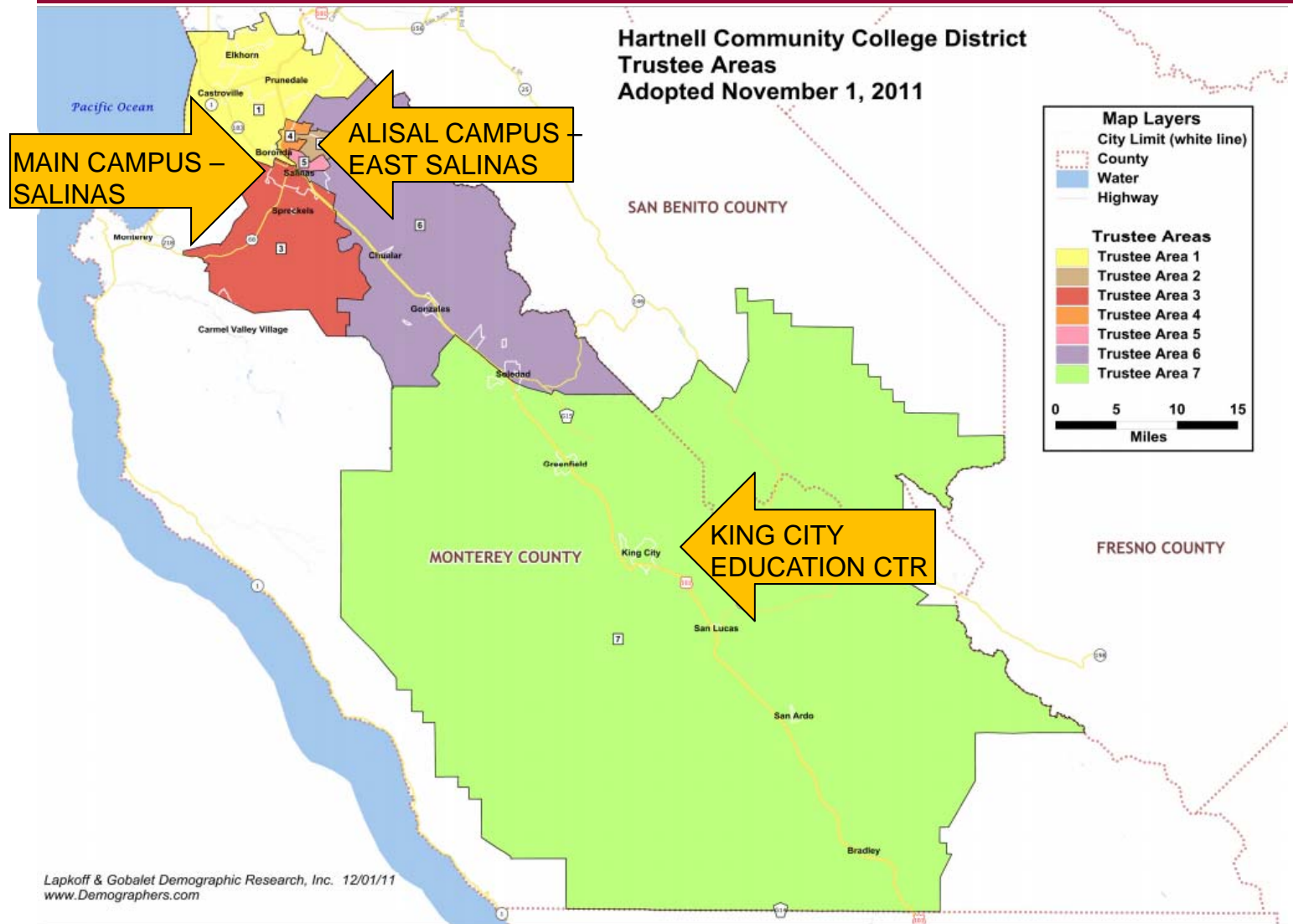


# Alisal Health Professions Workforce Pathways Partnership





# THE HARTNELL COMMUNITY COLLEGE DISTRICT



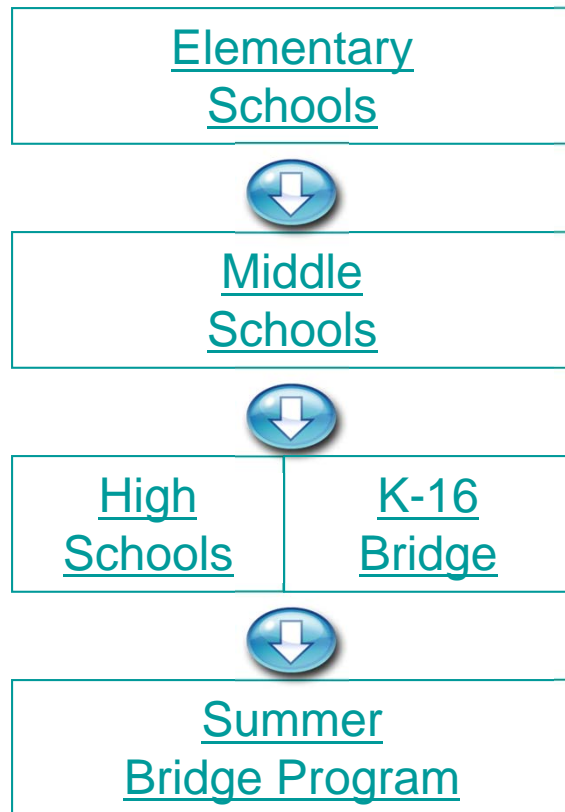


## THE HARTNELL COMMUNITY COLLEGE DISTRICT – STUDENT AND COMMUNITY PROFILE

- 16,000 students annually (unduplicated headcount)
- 85% receive financial aid
- 65% are Latino/Hispanic
- 90% unprepared for college level math
- 85% unprepared for college level English
- <10% of adults in District have BA/BS or higher
- 39% population older than 25: no HS diploma



# Pathway Overview





# K-Career Pathway

## Elementary Schools > Middle Schools > High Schools

### Elementary Schools:

- Interactive whiteboards + Student response systems
- Common Core Standards-aligned language arts, math & science curriculum
- Teacher Professional Development in Technology + Curriculum
- Health professions exposure through field trips to health and research

institutions

### Middle Schools:

- JUMP (Junior Upcoming Medical Professionals) leadership clubs
- Summer Health Science Career Camps
- Fieldtrips to Science institutions & Events

### High Schools:

- HOSA (Health Occupations Students of America) leadership clubs
- Health Academy capstone courses in *Human Anatomy & Physiology* and *Sports Medicine*
- Health professions exposure through field trips to health employers and research institutions
- Student Paid Internships with Salinas Valley Memorial Healthcare Summer Health Institute



# K-16 Bridge Program

- Seniors complete these steps on site:
  - Applications- (online)
  - Entrance assessment (online)
    - English
    - Math
  - Orientation
    - Conducted by Hartnell College Academic Counselors
      - » Students complete 1<sup>st</sup> semester education plans
  - Priority Registration (online)
  - Earn 3 units of transferable credit
- Juniors, Sophomore and Freshman attend:
  - College Transfer Day- 4 year institutions on site all day from morning to night



# **K-16 Health Professions Pathway**

**Elementary Schools > Middle Schools > High Schools**

## **Summer Bridge – 5 week 9-4 Academy for College Excellence (A.C.E.)**

- Team Management
- Self Management
- Learning Styles

### **Core content**

- Math
- Biology
- Chemistry
- Computer Science

### **Health Science content**

- HES 120 (CPR certification)
- Exposure to Hospitals, clinics  
and research institutions

### **La Cultura Cura**

Healing Informed Trauma Social

Emotional Support

Xinatli for Young Girls

Joven Noble for Young Men



# K-16 Health Professions Pathway

## College Support Systems

### Clubs, supplemental instruction, student services

Mathematics,  
Engineering, Science  
Achievement  
Program,  
Summer Bridge  
Alumni  
ACE team self-  
management  
Students Interested In  
Medicine Association  
TRIO Program

### Nursing and Allied Health :

- JUMP (Junior  
Upcoming  
Medical  
Professionals)  
leadership clubs
- Summer Health  
Science Career  
Camps
- Fieldtrips to  
Science  
institutions &  
Events

### High Schools:

- HOSA (Health  
Occupations Students of  
America) leadership clubs
- Health Academy  
capstone courses in  
*Human Anatomy &  
Physiology and Sports  
Medicine*
- Health professions  
exposure through field  
trips to health employers  
and research institutions
- Student Paid Internships  
with Salinas Valley  
Memorial Healthcare  
Summer Health Institute





## Hartnell College > 4-Year Institutions

### Hartnell College

#### Nursing & Allied Health:

Licensed Vocational & Registered  
Nursing  
Respiratory Care Practitioner  
Emergency Medical Technician

#### Support systems for students:

Academy for College Excellence (ACE)  
La Cultura Cura  
Student Internships in Partnership with  
Health Career Connections  
6 month Nurse Residency Program



### Articulated Programs

#### 4-year Institutions:

**California State University,  
Monterey Bay**

BS, Nursing  
BS, Biology

**University of California, Santa  
Cruz**

Life and Biological Sciences  
Engineering

#### Support systems for students:

Annually 107 Paid 8 week  
Research Internships paired  
with mentors  
Supplemental Instruction,  
counseling, Exposure to the  
medical field through MESA  
Living Learning Community at  
UCSC- "The Hartnell Crew"



## **RN, VN, EMT Students (on average)**

- ~150 Students served
- 47% English as second language
- 74% First to college
- 78% Rely on financial aid/scholarships
- 82% Uninsured
- 62% Underprepared: standardized exam



<b>NCLEX First Time Pass Rate %</b>		
<b>Year</b>	<b>RN</b>	<b>LVN</b>
<b>2009</b>	<b>84</b>	<b>91</b>
<b>2010</b>	<b>91</b>	<b>90</b>
<b>2011</b>	<b>94</b>	<b>93</b>
<b>2012</b>	<b>97</b>	<b>91</b>
<b>2013</b>	<b>97</b>	<b>?</b>



# Nursing and Allied Health Student Programs

- Multi-criteria Selection
- Academy for College Excellence (ACE)
- Dedicated Counselor
- Support courses
- Inter-professional Instruction Model
- Nurse Residency
- College Consortium



## 2010-2012 On Average...

- Attrition rates
  - 16% RN; 22% VN
  - ½ remediate successfully
  - ¾ remediate successfully
- Nurses:
  - 81% are employed RN/VN
  - 72% work locally
  - 88% recommend nursing
  - 92% continuing their education





## Hartnell College > 4-Year Institutions

**Industry Partners:** Advantacare, Clinica de Salud, Coastal Kids HomeCare, Community Hospital of the Monterey Peninsula, Dorothy's Hospitality Center, Eden Valley Care Center, Laurel Health Clinics, Medics For Life, Mee Memorial Hospital, Monterey County Health Department, Monterey Bay Oncology, Monterey/Salinas Visiting Nurse Association, Natividad Medical Center, Pacific Coast Care Center, Salinas Valley Memorial Healthcare System, Sierra Vista Regional Medical Center, St. Louise Regional Hospital

Industry Steering Committees: Health care advisory roundtable, RN and LVN Nursing Steering Committee, Respiratory Care Advisory

### **Research Internships Partners:**

USDA, UCSC Access Program, UC Berkeley, Fremont Peak Observatory, FDA, Naval Postgraduate School and 8 more institutions



## Initial Results

- La Cultura Cura 97% say it was a great experience
- 100% say that they wish their parents and siblings could go through the program
- 1<sup>st</sup> year 100% Summer Bridge Completion
- 2<sup>nd</sup> year 100% Summer Bridge Completion
- 3<sup>rd</sup> year 100% Summer Bridge Completion
- Research Internships have grown from 67- 107 in three years
- Longitudinal study on Summer Bridge and Research Internships is underway
- Curriculum and Technology in the K-6 is showing significant gains in academic levels in some classrooms- No decreased performance but not all classrooms are seeing the same gains
- Respiratory Care Practitioner received provisional accreditation
- First cohort launched this Fall
- Increased collaboration and relationships with schools



# Health Professions Pathway Partnerships

**EMPLOYERS- Hospitals,  
Clinics, Long term care  
facilities**

**WIB- Regional Health Care  
Advisory Roundtable**

**4 year Institutions**

**Strong collaboration and  
Leverage of existing  
categorical funds Extended  
Opportunity and DSPS**

**Research Internship  
Endowment  
Tanimura family foundation**

**K-12 School Districts**

**The California Endowment**

**Research Institutions**

**Leverage of Grant Funds, US  
Department of Ed- Title V,  
TRIO, OSHPID Song Brown,  
Chancellors Office CTE and  
MESA (Mathematics,  
Engineering and Science  
Achievement)**





# Expanding the AHPWPP Reversing the Pipeline to Prison

## El Sausal & La Paz Middle Schools:

- First Responder Course
- JUMP (Junior Upcoming Medical Professionals) leadership clubs
- Summer Health Science Career Camps
- Fieldtrips to Science institutions & Events



## Mt. Toro Cont. High School:

- First Responder Course
- HOSA (Health Occupations Students of America) leadership club
- Joven Noble/La Cultura Cura
- Fieldtrips to Science institutions & Events
- K-16 Bridge Program



## EMT Summer Bridge Program:

- Academy for College Excellence (ACE) course
- Emergency Medical Technician Introductory course
- Joven Noble/La Cultura Cura
- Fieldtrips to Science institutions
- Matriculation support to Hartnell College

# 2013 Summer Bridge Program

## 94 Graduating Students

