Alisal Health Professions
Workforce Pathways Partnership

The California Endowment
Hartnell College
Salinas Union High School District

www.hartnell.edu
411 Central Avenue Salinas, CA. 93901
831-755-6700
• 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

Elementary Schools

Middle Schools

High Schools  K-16 Bridge

Summer Bridge Program

UCSC Biological Sciences

CSUMB BSN

Hartnell College Nursing & Allied Health Programs

Hartnell College Science Programs
## 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 1st 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

<table>
<thead>
<tr>
<th>Clubs, supplemental instruction, student services</th>
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<tbody>
<tr>
<td>Mathematics, Engineering, Science Achievement Program, Summer Bridge Alumni ACE team self-management Students Interested In Medicine Association TRIO Program</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Nursing and Allied Health:</th>
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<tr>
<td>• JUMP (Junior Upcoming Medical Professionals) leadership clubs</td>
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<td>• Summer Health Science Career Camps</td>
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</table>
## Hartnell College > 4-Year Institutions

<table>
<thead>
<tr>
<th>Hartnell College</th>
<th>Articulated Programs</th>
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</thead>
<tbody>
<tr>
<td>Nursing &amp; Allied Health:</td>
<td>4-year Institutions:</td>
</tr>
<tr>
<td>Licensed Vocational &amp; Registered Nursing</td>
<td>California State University, Monterey Bay</td>
</tr>
<tr>
<td>Respiratory Care Practitioner</td>
<td>BS, Nursing</td>
</tr>
<tr>
<td>Emergency Medical Technician</td>
<td>BS, Biology</td>
</tr>
<tr>
<td><strong>Support systems for students:</strong></td>
<td><strong>University of California, Santa Cruz</strong></td>
</tr>
<tr>
<td>Academy for College Excellence (ACE)</td>
<td>Life and Biological Sciences</td>
</tr>
<tr>
<td>La Cultura Cura</td>
<td>Engineering</td>
</tr>
<tr>
<td>Student Internships in Partnership with Health Career Connections</td>
<td><strong>Support systems for students:</strong></td>
</tr>
<tr>
<td>6 month Nurse Residency Program</td>
<td>Annually 107 Paid 8 week</td>
</tr>
<tr>
<td></td>
<td>Research Internships paired with mentors</td>
</tr>
<tr>
<td></td>
<td>Supplemental Instruction, counseling</td>
</tr>
<tr>
<td></td>
<td>Exposure to the medical field through MESA</td>
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<tr>
<td></td>
<td>Living Learning Community at UCSC- “The Hartnell Crew”</td>
</tr>
</tbody>
</table>
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
<table>
<thead>
<tr>
<th>Year</th>
<th>RN</th>
<th>LVN</th>
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<tbody>
<tr>
<td>2009</td>
<td>84</td>
<td>91</td>
</tr>
<tr>
<td>2010</td>
<td>91</td>
<td>90</td>
</tr>
<tr>
<td>2011</td>
<td>94</td>
<td>93</td>
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<tr>
<td>2012</td>
<td>97</td>
<td>91</td>
</tr>
<tr>
<td>2013</td>
<td>97</td>
<td>?</td>
</tr>
</tbody>
</table>
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
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
• 1st year 100% Summer Bridge Completion
• 2nd year 100% Summer Bridge Completion
• 3rd 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

K-12 School Districts

WIB- Regional Health Care Advisory Roundtable

The California Endowment

4 year Institutions

Research Institutions

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

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

Research Internship Endowment

Tanimura family foundation
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