Why Interprofessionalism?
International Comparison of Spending on Health, 1980 - 2008

![Graph showing international comparison of spending on health.](image)

Note: PPP = purchasing power parity—an estimate of the exchange rate required to equalize the purchasing power of different currencies, given the prices of goods and services in the countries concerned.


Distribution of Costs

![Pie chart showing distribution of health costs.](image)

- Home Health Care: 31%
- Other Medical Durables and Non-durables: 7%
- Other Professional: 10%
- Prescription Drugs: 13%
- Other: 13%
- Nursing Home Care: 21%
- Physician Services: 13%
- Hospital care: 2%

Physician Costs

Determinants of Health

US Workforce Employment, 2008-2018

- Home health aides
- Physical therapists
- Health care support occupations
- Occupational therapists
- Registered nurses
- Health care practitioners and technical occupations
- Speech-language pathologists
- Community and social services occupations
- Medical and clinical lab technicians
- Education, training, and library occupations
- Medical and clinical lab technologists
- Office and administrative support occupations
- Sales and related occupations

Change (percentage)

Phoenix
Costs Rise with Age

Per Capita Annualized Health Care Costs by Age Group

Source: CMS, National Health Expenditure Data


Home of Health Solutions:
The ASU Downtown Phoenix Campus

Health Solutions Develops New Models, to improve health, lower costs, enhance access

- Formed in 2011
- Health education model
- Bridges ASU creating synergy within university and strategic partners
# Health Solutions Enrollment

## STUDENT ENROLLMENT

<table>
<thead>
<tr>
<th></th>
<th>College of Health Solutions</th>
<th>College of Nursing &amp; Health Innovation</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNDERGRADUATE</td>
<td>3490</td>
<td>854</td>
</tr>
<tr>
<td>GRADUATE</td>
<td>72</td>
<td>124</td>
</tr>
<tr>
<td>PHD</td>
<td>53</td>
<td>131</td>
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</tbody>
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## Interprofessionalism
Advancing Interprofessionalism

IPEC COMPETENCIES
1. Values/ethics
2. Roles/responsibilities
3. Interprofessional communication
4. Teams/teamwork

SELECT POPULATIONS THAT
1. Need team interventions,
2. are likely to benefit,
3. and can be impacted in a reasonable timeframe.

Approach

• Systematic
• Pragmatic
• Grounded in insights from other IPE work
• Student insight
• Consistent and integrative
Evaluation - Macy Grant

Links characteristics of clinical sites to intervention which includes face-to-face learning grounded in quality and patient-centered care

Evaluation - Macy Grant

Evaluation done in collaboration across universities, health professions programs and AzGEN, clinical partners and students
Evaluation - Macy Grant

Consider critical design issues:
- Dose
- Sensitivity of measures
- Common measures
- Timing
- Burden

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Specifics – Staged Model

<table>
<thead>
<tr>
<th>CLINICAL SITE / STUDENT / PRECEPTOR CHARACTERISTICS</th>
<th>INTERVENTION STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Survey, clinical site database</td>
<td>• Survey, Interview</td>
</tr>
<tr>
<td>• Will incorporate required AzGNE variables</td>
<td>• Frequency, type, delivery format of education – classroom, clinical</td>
</tr>
<tr>
<td></td>
<td>• Coaching interventions</td>
</tr>
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<td></td>
<td>• Preceptor interventions</td>
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<table>
<thead>
<tr>
<th>COMPETENCY DEVELOPMENT</th>
<th>PATIENT OUTCOMES, CLINICAL PARTNER SATISFACTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Survey, objective testing of interprofessional competence</td>
<td>• Record extraction for patient outcomes</td>
</tr>
<tr>
<td>• Specific IPEC competencies associated survey, testing tools</td>
<td>• Focus on important performance measures for targeted populations</td>
</tr>
</tbody>
</table>
Takeaways

• Interprofessionalism: behavioral and attitudinal approach
• Train people to perform anywhere
• Understand industry dynamics
• Create teams to address needs locally
• Use IPEC competencies as standard framework
• Identify meaningful metrics
• Learn from the past; design for the future

Thank you!

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