

# Integration of dental students into interprofessional clinical experiences with a disadvantaged population.

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## Background

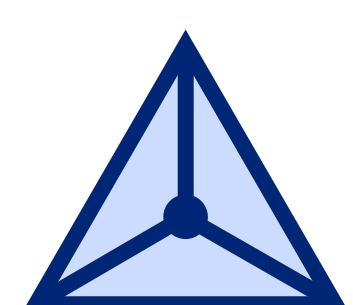
I-CAN is a model for clinical practice and education that enhances health care experiences, improves population health outcomes, and reduces health care system costs for disadvantaged patients, families, and populations. Neighborhood Collaboratives for Academic-Practice Partnership (NCAPPs) coordinate academic programs, community services, and health care delivery to advance health and well-being within underserved neighborhoods in Portland and Medford, Oregon.

### Neighborhood Collaboratives for Academic-Practice Partnership



### Goals

- 1| Develop collaborative interprofessional practice and education partnerships
- 2| Build capacity for leading interprofessional teams
- 3| Improve health outcomes and satisfaction with health care services



### Aligned with Triple Aim

Better Care, Better Health, Lower Costs

## Populations

I-CAN works in neighborhoods with disadvantaged and underserved populations including low-income individuals and families, homeless, elderly, veterans, mentally ill, seasonal farm workers, and immigrants and refugees.

### Socially Determined Health Instability

The clients involved with I-CAN experience social determinants of health instability.

**44%**

of clients lack a primary care home

**37%**

of clients lack stable housing

**27%**

of clients lack health insurance

**57%** of clients visited the ED at least once in the six months prior to I-CAN. **18%** visited three or more times.

## Care Coordination

Partner agencies identify clients and connect them with interprofessional teams of students from the Schools of **Dentistry**, **Medicine**, and **Nursing**, and the College of **Pharmacy**. Under the supervision of a nursing faculty-in-residence, the teams collaborate with clients to set goals and address social determinants of health.

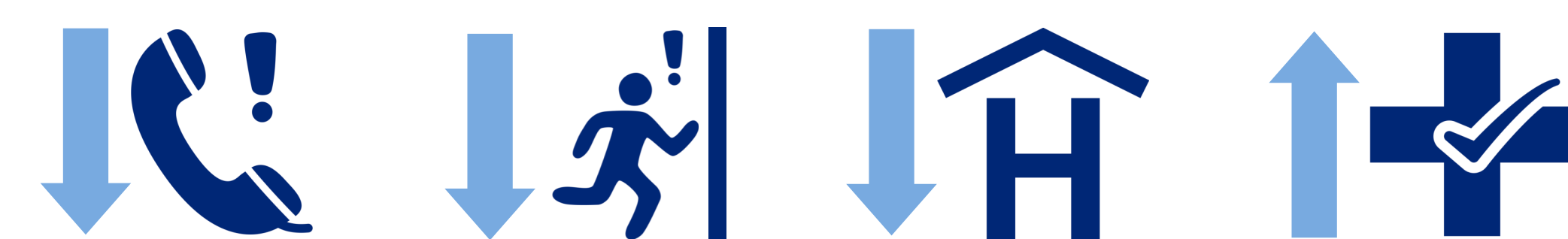


## Evaluation

### Short-Term Client Outcome Measures

Increased number of clients with **health insurance**, **primary care homes**, & **stable housing**.

### Long-Term Client Outcome Measures



Reduced **EMS calls**, **ED visits**, and **hospitalizations**, and increased **satisfaction** with health care services.

### Student and Team Outcome Measures

Increased **satisfaction** with working in interprofessional teams and with interprofessional team-based decision making and collaboration.

**“This was one of the most successful collaborative efforts I have been a part of. Our shared efforts produced an outcome far greater than any of us working independently” - Dental Student**

## Community Partners

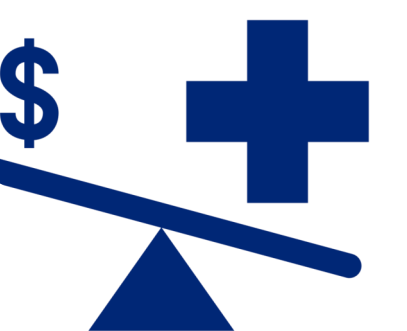
Asian Health and Service Center, Central City Concern, Family Nurturing Center, iCHEE, La Clinica, Lutheran Community Services NW, Macdonald Center, Neighborhood House, OHSU Family Medicine at Richmond Clinic, Russell Street Clinic, St. Vincent de Paul.



## Conclusions

### Establishing Health Equity

Social determinants of health that perpetuate instability, encourage overuse of system resources, and lead to high system costs affect underserved populations in Portland and Medford, Oregon. Interprofessional team-based and client-centered care effectively addresses these issues. I-CAN interprofessional student teams provide care coordination to improve health outcomes and satisfaction with health care services while lowering costs.



### Implications for Workforce Development

This work aligns with Oregon's health care reform efforts and OHSU's commitment to educate a collaborative workforce to meet the needs of an evolving health care system.

### OHSU Interprofessional Initiative

I-CAN is a leading program in the OHSU Interprofessional Initiative, committed to developing interprofessional collaborative practice and education.



### Nexus Innovation Incubator Project

The National Center for Interprofessional Practice and Education (Nexus) has designated I-CAN as a Nexus Innovation Incubator project.

## Further Information

[www.ohsu.edu/i-can](http://www.ohsu.edu/i-can) @ ican@ohsu.edu