



The Interprofessional Care Access Network (I-CAN): Addressing social determinants and population health through interprofessional academic-practice partnerships.

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Background

I-CAN is a model for clinical practice and education that targets the **Triple Aim goals** of enhancing the health care experience, improving population health outcomes, and reducing per capita health care costs. I-CAN forms Neighborhood Collaboratives for Academic-Practice Partnership (NCAPPs) that connect academic programs, community services, and health care delivery to address service gaps and social determinants of health, and advance the health and well-being of disadvantaged patients and families within three underserved neighborhoods in Portland and Medford, Oregon.



Neighborhood Collaboratives for Academic-Practice Partnership

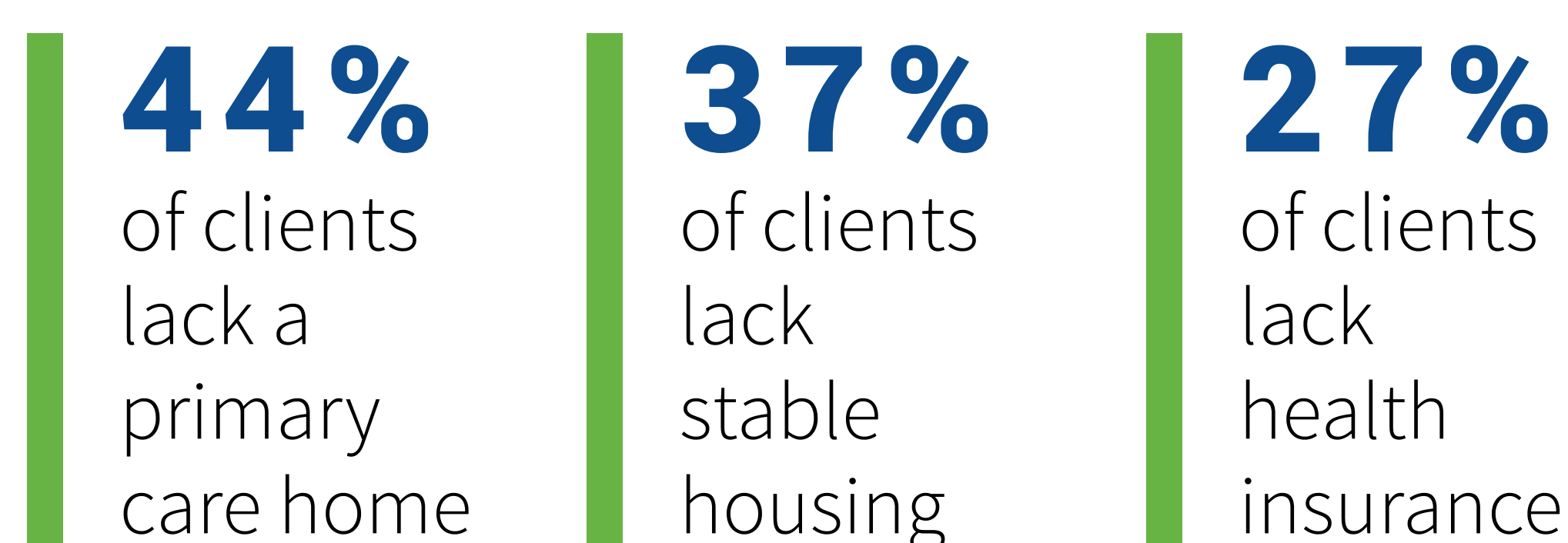
- People in the neighborhood
- Health care organizations
- Community service agencies
- Academic partners

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.

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.



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

Care Coordination

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



“Our shared efforts produced an outcome far greater than any of us working independently.” - Dental Student

Evaluation

Client Outcome Measures

Short-term outcomes include increased numbers of clients with **health insurance, primary care homes, and stable housing.**

Long-term outcomes: reduced **EMS calls, ED visits, and hospitalizations;** increased **satisfaction** with the health care experience.



Student and Team Outcome Measures

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

Strengths

- Opens professional silos; aligns health profession curriculum and course scheduling.
- Embraces long-term commitment to specific neighborhoods and community partners.
- Introduces and promotes a community-based faculty practice model.
- Supports neighborhood inter-agency collaboration and population health projects.

Nexus Innovation Incubator Project

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

Challenges

- Payment models remain focused on primary care; lack of funding for social determinants of health and health navigation.
- Exclusion of community service agencies and public health as full partners in reform.
- State professional board regulations don't support interprofessional education.
- Students and faculty experience moral distress when faced with health disparities.

Conclusions

Addressing Service Gaps and Barriers

The Triple Aim goals have been incorporated by the Oregon Health Authority and form the foundation of Oregon's *Action Plan for Health*. Addressing service gaps and barriers related to social determinants of health is a vital precursor to meeting these goals, and creates an opportunity for health professions students to contribute to state efforts by facilitating care coordination in the pre-primary care environment.

OHSU Interprofessional Initiative

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

Further Information

www.ohsu.edu/i-can @ican@ohsu.edu