

Area Health Education Center: An Indiana Workforce Pipeline

Indiana Access to Care

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SCHOOL OF MEDICINE

Mission

- Improve the health of Indiana by recruiting, educating, and retaining health care professionals in rural/urban underserved communities
 - Primary but not exclusive focus on primary care
 - Focus on increasing diversity of the workforce
 - At all levels of the workforce spectrum (middle skills to professional)



National Overview

- Created in 1972 – Now in MOST states
- Authorizing Legislation: Section 751 of the Public Health Service Act Title VII, reauthorized in 2010 health care reform
- Funding: via Federal cooperative agreements and matching State and local funds
- Recipients: Schools of Medicine/Osteopathic Medicine; Parent Institutions; Incorporated Consortia; Nursing Schools (if no medical school in State)



Primary Methods

- Health careers promotion and preparation
- Community-based (Experiential) student education
- Recruitment and retention of health care providers to rural and underserved sites
- Health professions education and support
- Community enhancement initiatives
- Health workforce research and planning

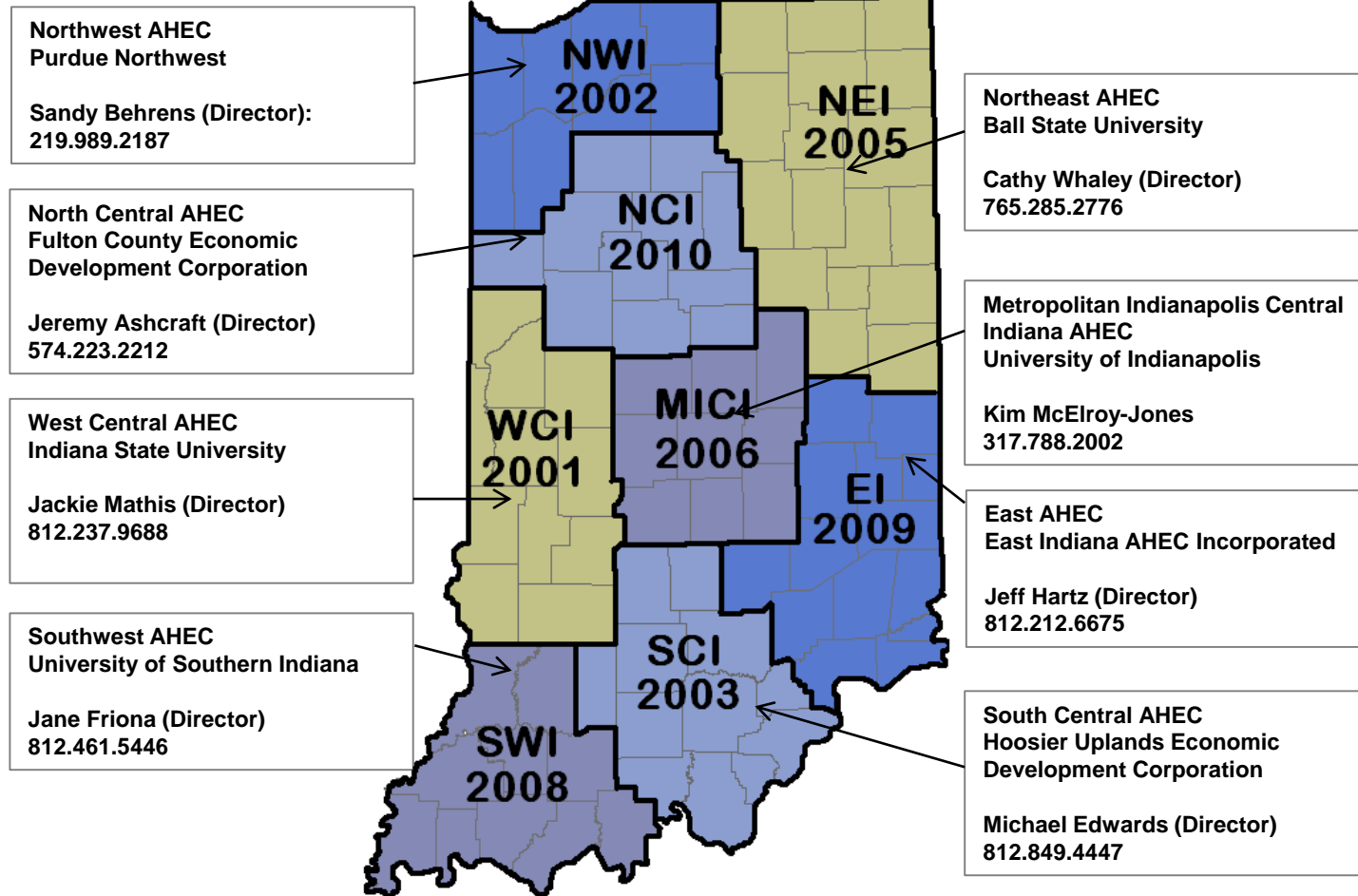


Indiana Methods

- Goals
 1. Health careers promotion (and enrichment)
 2. Community-based education and clinical training
 3. Continuing professional education
- Structure
 - 8 Regional Centers
 - Address goals guided by community engagement
 - Function systematically yet rather autonomously
- Collaborative Model – Partner to do more with less



AHEC Map



1. Health Careers Promotion and Enrichment

- Provide K-16 programming for:
 - Health career awareness
 - Health career exploration
 - Academic enrichment
 - Other structured programs
- Promote entry into and graduation from health career training programs



Health Careers Promotion and Enrichment

- Middle School Programs
 - Introduction to Health Careers
 - Programs to develop interest in science & math (medical/health context)
- High School Programs
 - Exploration of health careers
 - Shadowing and mentoring programs
 - Middle skills preparation (i.e., CMA, EMT)
 - HCOP (Health Careers Opportunity Program)
- College Programs
 - Tutorials/Health Careers Preparation (e.g., MCAT prep)
 - Interprofessional simulation
 - Proposed Robert Wood Johnson Summer Medical, Nursing, and Dental Education Program (SMDEP)



2. Community-based (Experiential) Clinical Education

- Indiana University
 - School of Medicine 3rd year Clerkships
 - School of Dentistry 4th year Rotation
- Other Institutional Partners & Programs
 - Nursing
 - Pharmacy
 - NP, PA,
 - Behavioral Health, Radiological Tech, Radiological Assistant



3. Continuing Professional Development

- Based on needs of community
- Now a “Niche” rather than global focus
- Examples:
 - Mental health needs of retuning veterans
 - Conference for Social Work
 - Local Radio Shows



Current Scope & Outcomes

- Pipeline (Goal 1)
 - This year connected with 12,812 students (middle school and Up)
 - 73% disadvantaged, 68% rural, & 23% underrepresented minorities
 - Outcomes (Matriculation into College)
 - Of those participating in ≥ 20 Hours
 - 53.4% of Students from underrepresented minorities
 - 67.3 % of students from disadvantaged backgrounds



Current Scope & Outcomes

- Clinical Training (Goal 2)
 - This past year facilitated 830 clinical rotations
- Outcomes: Of those surveyed:
 - 67% intend to practice in Indiana
 - 54% intend to serve in medically underserved area strengthened
 - 37% intend to practice in rural community
 - 61% intend to practice primary care



Longitudinal Goal 2 Outcomes

- 23.7% of the 1677 practicing alumni *identified* are practicing in medically underserved areas
- Includes:
 - Physicians (297)
 - Advanced Practice Nurses (109)
 - Nurses (1011)
 - Physician Assistants (22)
 - Dental Hygienists (60)
 - 178 Other (178)



Current Scope & Outcomes

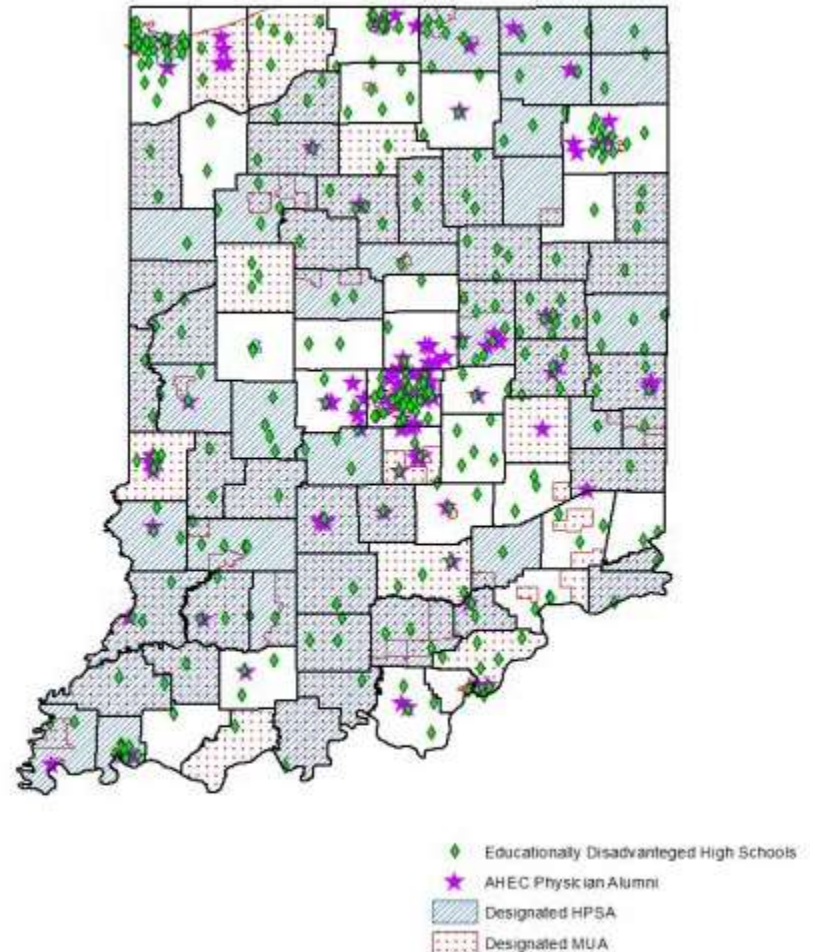
- Continuing Professional Education (Goal 3)
 - This year reached 879 participants
 - 75% were from medically underserved communities



Reach

Map Identifies

- AHEC Physician alumni practicing in Indiana (Stars)
- Pipeline schools with whom we work (diamonds), mostly in designated HPSAs and MUAs



Future Directions

- HRSA is re-visioning the AHEC Program
 - Focus on workforce distribution, diversity, and practice transformation
- More systematic and intentional pipeline
- Increased concentration on, and coordination of, clinical training
- Increased concentration on interprofessional education (IPE)



Our Future

