

Addressing the HIV Care Provider Shortage Through Development of an IPE Collaborative Amongst Nursing, Pharmacy, Medical, Dentistry and Social Work Students

Hazel Jones Parker, MSN DNP, CRNP, AACRN; *Jamie L. Mignano, RN, MSN, MPH; * Abby Plusen, MSSW; *Alexandra Reitz, BS; * Sarah Schmalze, MD; * Neha Seth Pandit, PharmD BCPS AAHIVP; * Linda Rose Frank, PhD, MSN, ACRN, FAAN**
University of Maryland* University of Pittsburgh**

Objectives

Goals

- Review evidence and assessments that identify HIV as a chronic healthcare issue that can benefit from a multi-focused approach from several disciplines to improve healthcare outcomes
- Describe the DNP perspective of developing team based collaborative IPE partnerships at a large Urban University
- Identify appropriate teaching methods, clinical partners and ongoing resources to create successful partnership to facilitate the students journey from novice to expert in the field of HIV Care

Background

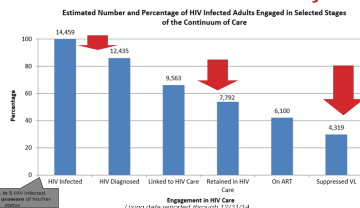
HIV Epidemic in Baltimore, Maryland

- Maryland is ranked #2 in the nation for new HIV diagnoses among US States and Territories¹
- 28% of all HIV diagnosis in Maryland are in Baltimore City, 44% in suburban Washington, 18% Baltimore County²
- Late HIV Diagnosis: 32% had an AIDS diagnosis within 12 months of their HIV diagnosis²

¹ Centers for Disease Control & Prevention, 2013

² Maryland Department of Health & Mental Hygiene Infectious Disease Bureau, 2015, data reported through 12/31/2014

HIV Continuum of Care: Baltimore City



National HIV/AIDS Strategy

- Reducing new infections
- Increasing access to care and improving health outcomes for people living with HIV
- Reducing HIV-related health disparities and inequities
- Achieving a more coordinated response to the national HIV epidemic

Vision for the National HIV/AIDS Strategy

The United States will become a place where new HIV infections are rare and when they do occur, every person, regardless of age, gender, race/ethnicity, sexual orientation, gender identity or socio-economic circumstance, will have unfettered access to high quality, life-sustaining care, free from stigma and discrimination.

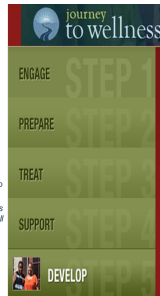
Program Components



The mission of the JACQUES Initiative (JI) program is to provide a holistic care delivery model that ensures long-term treatment success for individuals and communities impacted by HIV.

Our focus is to address stigma, and facilitate greater access to HIV care through community engagement and transformation of individual and institutional approaches to HIV.

We are committed to providing a "safe place" for our clients through clinical expertise, access to clinical research for all and partnership with the community. We accomplish this mission through the Journey To Wellness.



What is the JACQUES Initiative program?

- Comprehensive HIV care and supportive service delivered within the Institute of Human Virology's Clinical Division
- Operationalizes the continuum of care through its comprehensive and integrated departments:
 - Outreach
 - Clinical Services
 - Case Management and Mental Health
 - Adherence/Treatment Support
- "Preparing the Future" is part of the Outreach Department

The PTF Core Curriculum offers:

- PTF HIV 101 (pre-requisite course)
- PTF HIV 102 (refresher course)
- Rapid HIV Testing Training & Simulations
- Interdisciplinary Case Conferences
- NHAS Enrichment Workshops:
 - HIV & Health Disparities in Baltimore: The Social Justice Perspective
 - LGBT 101 & Cultural Competency Workshop
 - HIV Criminalization & the Law

Full Course Descriptions:

<http://www.jacques.ihv.org/ptf/Curriculum.html>

MS DNP Course Integration

Course	Title	C	D	HIV Component
NDP 818	Advanced Health Assessment Across the Life Span	4	Y	Review of Guidelines History for asymptomatic testing, diagnosis, P
NDP 840	Diagnosis and Management 1: Introduction to Diagnostic Reasoning	2	N	HIV related health promotion and Disease Management
NDP 841	Diagnosis and Management 1: Introduction to Diagnostic Reasoning Clinical	2	Y	Available clinical sites for HIV primary care
NDP 842	Diagnosis and Management 2: Common Health Conditions: Epstein and	4	N	Diagnosis of STI's including HIV Primary care of the HIV infected patient
NDP 843	Diagnosis and Management 2: Common Health Conditions: Epstein and Chronic Cardiovascular	3	Y	Available clinical sites for HIV primary care
NDP 844	Diagnosis and Management 3: Acute and Chronic Complex Conditions	4	Y	Required Clinical experience/SP Specialty care: Patient teaching simulation
NDP 845	Diagnosis and Management 3: Acute and Chronic Complex Conditions: Chronic Cardiovascular	3	N	Antiretroviral and Opportunistic Infections on management specialist
NDP 846	Diagnosis and Management 4: Integration of Multiple Health and Complex Clinical Systems	2	Y	Available clinical sites for HIV primary care
NDP 847	Diagnosis and Management 4: Integration of Multiple Health Problems and Complex Clinical Systems: Clinical Practicum/Seminar	2	N	Diagnosis and Management and referral of Special Populations (pediatrics, women, elderly, homeless)
NDP 848	Diagnosis and Management 5: Professional Practice Immersion Clinical	4	Y	Available clinical sites for HIV primary care
NDP 849	Diagnosis and Management 5: Professional Practice Immersion Clinical	5	Y	
849	Diagnosis and Leadership: Clinical Practicum/Seminar	5	Y	
	ELECTIVE or Necessary Specialty Course	3	Y	

New Curriculum Integration

Merged Curriculum Overview

IPE 2016 2017	SOM	SON	SOP	AETC
PTF Didactic	PTF Didactic	PTF Didactic	PTF Didactic	AETC
HIV Treatment Didactic: online	HIV Treatment Didactic: online	Pharmacy Specific Didactic		Expert Practitioners
Service Learning Hours	Service Learning Hours	Service Learning Hours		Simulation Support
Simulation	Simulation	Simulation		Webinar Access
Clinical Component	Clinical Component	HIV testing training		Certificate Access (ACRN, Adherence Case Management)
Small Group Case Review	Small Group Case Review	Small Group Case Review		Medical case conference
				Trauma Informed Case Conference
				Consultation technical assistance

IPE Activities: PTF Curriculum/service learning hours, Simulation, Small group conference, clinical component



Summary and Conclusions

Summary

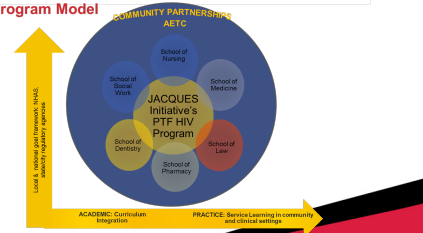
- HIV is a chronic condition and it provides a needed platform to educate students to care for patients inter-professionally
- Interprofessional education will prepare students to enter and manage the specialty of HIV upon graduation
- DNP prepared nurses are well equipped to lead the development of integrated course curriculum amongst all professional schools
- DNP prepared nurses are successful with integration of other IPE partners beyond academia
- IPE is a viable path to decrease the provider shortage in the field of HIV

IPE Simulation Outcomes

- Students from the SON, SOP, and SOM will participate in a 3-hour simulation experience.
- Students will work with individuals from other professions to maintain a climate of mutual respect and shared values.
- Students will gain appreciation of the roles and responsibilities of various disciplines, and benefits of a team-based approach to patient care.
- Students will practice their communication skills to patients and other health professionals.
- Student will apply the principles of team dynamics to effectively deliver patient centered care in a standardized patient as well as through experiential-learning sessions.
- Course coordinators will participate in a conference to further educate and inform them on opportunities and strategies to enhance IP education.
- Course coordinators will disseminate outcomes of this IP simulation experience to a conference or through publication.
- Students will gain confidence in their ability to interact with and care for PLWH and people at risk for HIV.

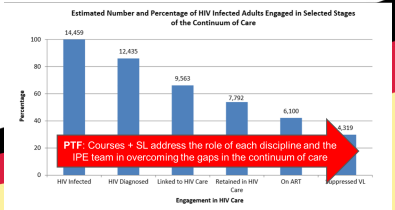
Future Implications

Figure 1: Preparing the Future (PTF) HIV Educational Program Model



SOURCE: Peter A. Alghamdi, J. Spencer D. Allen, M. Kapilashni, et al. (2015) Preparing the Future: An Innovative HIV/AIDS Strategy Through Interprofessional Education. A unique approach to HIV outreach and education for the next generation of HIV/AIDS care providers. Association of Nurses in AIDS Care Annual Meeting, 2015, Atlanta, GA, United States

HIV Continuum of Care: Baltimore City



PTF Courses + SL address the role of each discipline and the IPE team in overcoming the gaps in the continuum of care