

The Development of an Interprofessional Center for Telehealth Innovation, Training, and Research (C-TIER)

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Introduction

- Telehealth is growing as a method of providing access to healthcare.
- Few academic programs have telehealth within curriculums.
- As a result graduates:
 - Lack awareness of telehealth possibilities
 - Are reluctant to use telehealth
 - Are unaware of how to start
 - Do not understand HIPAA and billing
- Vendors often provide onsite education.
 - Generally focus only on the equipment
- It is essential that providers are prepared to implement this technology seamlessly into practice

Purpose

- Describe the development of the Center for Telehealth Innovation, Education, and Research at Old Dominion University (ODU)
- Outline program goals
- Discuss business structure
- Future directions



Overview of Project

For 9 years, ODU has been building telehealth programs for students in multiple professions

Goal: to educate healthcare students and providers use telehealth to connect with patients/other providers at a distance

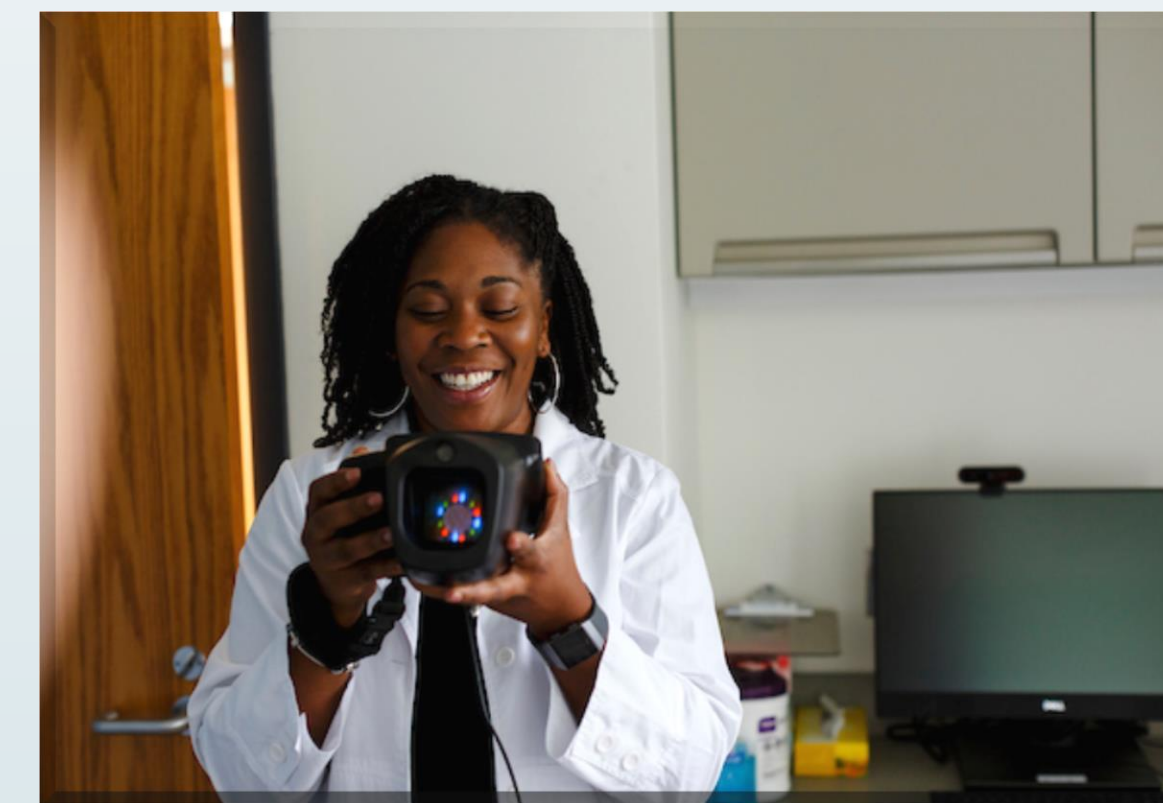
Components:

"Home"- home-based care/remote monitoring
Didactics/Modules

- Choosing appropriate equipment
- Billing
- Regulatory issues
- Legal
- Starting a Program
- Telehealth Etiquette
- Running a visit

Strategies:

- Standardized Patients/Case Based
- Hands on experiences
 - VGo Robot
 - Home-Based monitoring equipment
 - Medication dispenser
 - Vision Screener
 - Telehealth travel box
 - iPhone adaptors
 - Telehealth cart
 - TytoCare
 - Videoconferencing



Conclusion

- Center is open to students, faculty, and providers across the country.
- Curricular models for others programs
- Written into other Universities' grants as a training center for students.
- Partnered with community hospitals to trial equipment (VGo/CHKD) .
- Trains nursing, medical, pharmacy, PT/AT, mental health providers.
- Significant impact on increasing:
 - Understanding
 - Utilization
 - Collaboration



Future Directions

- Partnering with local businesses
- Learning /Equipment testing hub
- Multicenter research
- Partnering with Telehealth equipment/device companies