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Preparing NPs to Lead the Move towards Interprofessional and Independent Practice Healthcare Models

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Objectives for Symposium

- Attendees of this symposium will be able to develop and implement Curriculum that focuses on:
  - Utilizing Technology to Function Interprofessionally
  - Leading Interprofessional Teams
  - Overcoming Barriers (legal, professional, & structural) to establish nurse led clinics
  - Planning for Practice Implementation

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Need

- Nursing has an opportunity to truly make a difference in healthcare
- Current models are failing
- Affordable Care Act
- IOM Report – opening door
- DNP programs - essentials
- Rural America
- Technology (EMR, Telehealth, Clinical Decision Support, Social Media
- Push for Interprofessionalism
- NP seen as Primary Care Providers

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Presentations

- Deborah Gray - a program to help our APN and Nurse Executive DNP students become comfortable in using **technology** to work together at a distance.
- Christi Fowler - a Health Promotion course based on the IPEC competency for **Interprofessional Education**
- Dawn Adams - data and implication for education from her Capstone Project on **NPs' interest and ability to run clinic**
- Dee Everhart - how she addressed technology, interprofessional care, and the barriers to independent practice in order to run a successful **NP owned and run clinic in rural America**

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It Is Our Time

Let's work together to create a promising
Future for Healthcare

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Preparing NPs in the Use of Technology to Collaborate Interprofessionally at a Distance

Deborah Gray, DNP, ANP-BC, FNP-BC
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Presentation Outline

- **Background**: Why is it important to prepare NPs in the use of technologies to collaborate interprofessionally
- **Experiential Activity**: Practice at using technology to collaborate
- **Written Assignment:** Overview of experiential experience
- **Examples of Learning:** What was accomplished through experience

Background

- Approximately 30% or more of all NPs currently work in rural or distant practice areas, often without the direct support of physician colleagues or specialty healthcare services

- Numbers will grow significantly due to the Affordable Care Act

Background

- The IOM (2010) emphasized the importance of NP's mastering communication technology tools, as well as leading the coordination and collaboration with other healthcare providers in communication technology use and application to promote both rural and overall national health

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Background

- AACN Essentials V and VII of Masters and Doctoral Advanced Practice education emphasize mastery of both communication technologies and interprofessional collaboration to coordinate and enhance care

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Objectives

- Attendees of this symposium will be able to:
  - Provide curricular content and interdisciplinary experiential learning programs that will prepare DNP/NP students to utilize technology to enhance distance interprofessional collaboration

  - Mentor students using new technologies that promote distance interprofessional practice models.

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Curricular Content:
Student Activity & Assignment

- **Purpose**:
  - To promote student competencies in utilizing new communication technologies to connect and collaborate with other specialties and disciplines from a distance.
  - To develop skills that will enhance to use of new tools
  - To assist a group of technology-phobic, post-masters DNP students to step out of their comfort zone

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Curricular Content:
Student Activity & Assignment

- **Content**: students participate in an experiential activity where they:
  - Are introduced to various technologies available for intra and interprofessional collaboration
  - Use these technologies to collaboratively formulate strategies to improve patient care

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Curricular Content:
Student Activity & Assignment

- **Pairing of students:**
  - APN and Nurse Executive DNP distance students from across the US were paired
  - Chose a technology for communication that neither had used before

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Curricular Content:
Student Activity & Assignment

- **Technologies:**
  - Skype Video
  - Google Chat/Talk
  - FaceTime
  - Adobe Connect
  - Facebook Chat
  - Tango

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Curricular Content:
Student Activity & Assignment

- **Learning Activity:**
  - During communication exercise using the distance technology the students addressed the following:
    - Each other's role in practice
    - Each other's expertise or special practice interest
    - Ways they could use their expertise to collaborate to improve a patient outcome

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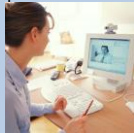
Written Assignment

- After completing the communication exercise, the students prepared a paper that covered the experience and what they learned.

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Written Assignment

- **<u>Section 1: Topic and Collaboration</u>**
  - Who they communicated with
  - What was their and their peer's *role* and expertise in practice
  - What topic did they identify to collaborate on
  - What expertise would each of them provide in their collaborative effort
  - Specific ways they discussed to collaborate to improve a patient outcome related to the topic

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Written Assignment

- **<u>Section 2: Technology Equipment</u>**
  - Description of the technology used
  - Description of how technology was implemented

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## Written Assignment

- **<u>Section 3:Technology Pros</u>**

  - Description of what worked well

  - Description of what they found beneficial

  - Description of what barriers the technology helped them overcome

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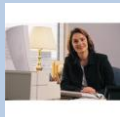
Written Assignment

- **Section 4: Technology Cons**

  - Description of what did not work well

  - Description of barriers they encountered

  - Description of what they would do differently for future communications using this technology

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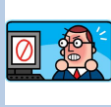
Skype Mobile

- **Pair:** Acute Care NP in a smaller regional rural hospital and Nurse Executive Administrator for a large urban health care system
- **Communication Medium**: Skype Mobile using Android platform devices and computers
- **Project**: Collaborate to create an NP staffed home care program(s) to increase access to care post hospital discharge.

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FaceTime

- **Pair:** Neonatal NP in an urban medical center and Nurse Executive V.P. of Ambulatory Services for a Community Hospital System
- **Communications Medium**: FaceTime on iPhone and iPad
- **Project**: Creation of a program to prevent neonatal abstinence syndrome through outpatient/inpatient management and education

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Google Talk/Video

- **Pair:** Pediatric Primary Care NP in an urban community and Nurse Executive C.N.O. for a rural regional hospital
- **Communication Medium**: Google Talk/Video via computer
- **Project:** Coordination of Care Program to improve admission/discharge communication between hospital and pediatric primary care NP's/MD's for pediatric hospital admissions

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General Lessons Learned

- It was much easier than anticipated
- The biggest barrier was initial fear or reluctance to use the technology
- Using these technologies fosters better communication and a better working relationship
- Surprisingly easy to identify areas of collaboration
- Gained a better understanding of each other's role
- Many will continue to use the technology and encourage its use in others

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