Arkansas Office of Rural Health & Primary Care – Annual Rural Health Conference
June 20, 2019

Jennifer Wharton, MS, CHES, CTTS; Casey Pearce & Richard O’Neal, MS
About NYITCOM @ A-State

• Located in Jonesboro, Arkansas on A-State’s campus.
• First *osteopathic* medical school in Arkansas.
• Approached by Arkansas State University in 2012.
  • Developed a partnership.
• The school opened in 2016.
  • Wilson Hall, 86,000 sqft.
  • Welcomed inaugural class of 115 medical students.
• Dean – Shane Speights, D.O., a native Arkansan.
Mission

• Produce physicians to fill the shortage in the medically underserved areas of Arkansas and the Mississippi Delta region.
  • Family medicine, internal medicine, pediatrics, general surgery, emergency medicine and OB/GYN

• Help improve health outcomes through educational programs.
Regional Demand

• Health ranking of 48/50 states in its population’s health status (America’s Health Rankings, United Health Foundation 2016 report)

• AR has one of the highest rates of hypertension, premature death, diabetes and obesity in the country.

• The impending U.S. physician shortage is expected to produce a shortfall of more than 35,000 primary care physicians by 2025 (AAMC, 2017), and new osteopathic physicians will be needed.
Osteopathic Medicine

• One of the fastest growing healthcare professions in the U.S.

• More than 20% of all U.S. medical students are studying to become a D.O.

• Whole-person approach to medicine
  • Looking beyond symptoms to understand individual patient health and wellness needs
  • Mind, body and spirit approach
  • Special training in the musculoskeletal system – nerves, muscles and bones
NYITCOM @ A-State Students

- Students are in medical school for four years.
- Three classes, 120 students enrolled in each.
- Seven of the eight Delta region states are represented.
  - Two-thirds of students from Mississippi Delta Region.
- First and second-year students on campus.
- Third and fourth-year students on clinical rotations in rural / underserved areas and community hospitals.
Third Year Clerkship Requirements

- Family Medicine (4wks)
- Obstetrics/Gynecology (4wks)
- Pediatrics (4wks)
- Psychiatry (4wks)
- Emergency Medicine (4wks)
- General Surgery (8 wks)
- Internal Medicine (8 wks)
- *Core Exploratory Elective OR Research Elective (4 wks)
Student Journey

Medical School – 4 years

Residency – 3-7 years depending on specialism

Board Certification

Practice medicine
WRI – Student Rural Health Summit

UNIVERSITY OF ARKANSAS SYSTEM
PETIT JEAN MOUNTAIN

Wrrs

UNIVERSITY OF ARKANSAS
FOR MEDICAL SCIENCES

NYIT

College of Osteopathic Medicine

at Arkansas State University

NYIT

College of Osteopathic Medicine

at Arkansas State University
The first Student Summit on Rural Health — with NYIT College of Osteopathic Medicine at Arkansas State University and New York Institute of Technology (NYIT) at Winthrop Rockefeller Institute.
NYITCOM @ A State
Teaching Technology: Assessing Telemedicine Education to Enhance Undergraduate Medical Training

Shil Punatar OMS III, Matthew Charnetski M.S., Carol Brenner Ph.D., Darren Sommer D.O.
Severiano Brock Acebo is with Madison Burks and 2 others at Arkansas Longevity Center.

1 hr • Little Rock, Arkansas • 📚

I had a great time learning from Dr. Edala and working alongside some awesome people during my Internal Medicine clerkship!
We were happy to have Severiano Brock Acebo as a preceptor this past month. He is in his third year of medical school at NYTI in Jonesboro. We wish him the best for his future!
Trust Me
(Almost) A Doctor
Programs, Partnership & Servant Leadership
Project HEART

- Health Education Advocacy Reflection and Training.
- Mini medical summer camp for 40 high school students annually (50 students in 2019).
- 4-day/3-night residential camp.
Structure, Function & Technology

• In-depth, hands-on learning experience for 120 students annually (40 students over 3 Fridays in March).
• Day in the life of a medical student.
• Exercise in the anatomy lab learning about anatomical structures.
• Activity in the simulation lab with fully-functioning mannequins.
SOMA-NOD

• Student-run after-school program.
  • Student Osteopathic Medical Association, National Outreach for Diversity.

• Run at a primary school that has the highest free or reduced lunch rate in Jonesboro.

• Teach STEM and medical topics to expose students to science and spark an interest in a STEM career.
Delta Care-a-Van

- Mobile clinic traveling to rural communities in the Mississippi Delta region.
- Preventative care services and health education
- Run by 250 students in total.
  - NYITCOM at A-State students.
  - Resident physicians from UAMS and St. Bernard’s Medical Center.
  - A-State nursing and social work students.
- Partnership with Food Bank
Delta Care-a-Van Service Area

Piggott: 53 mi
Walnut Ridge: 23.4 mi
Manila: 35.5 mi
Leachville: 33.4 mi
Harrisburg: 21.4 mi
Lepanto: 38.2 mi
Marked Tree: 33.4 mi

Travel to one site per week = 78 site visits over 18 month period

Site visits will occur in late afternoon/early evening hours
Heart disease, diabetes, and depression/anxiety are four documented health problems in the Delta Care-a-van service area. Participants will conduct studies (through surveys, follow up communication with patients, and other methods to be determined) to ascertain if the Delta Care-a-van screenings and education seminars had an impact on health outcomes in these particular areas in the communities served.
Community Partnership Program

• A mechanism to engage with communities and partner on different aspects of health care and health education.

• Assessment of resources currently available in communities
  • COM resources will be matched to provide engagement based on needs
  • Community health education, population research
  • Civic organizations, K-12, Undergraduates
Philanthropy
Our Stories

Tim Baty
Wynne, AR

Alyssa Weyer
Jonesboro, AR

Derika May
Osceola, AR
Impact

• Graduating our first class in 2020.
• By 2030, NYITCOM at A-State will produce 1,000 physicians to serve in the Delta region and beyond.
Thank You.
Any Questions?