

Telepsychiatry In Kentucky - 2017

Robert Caudill, M.D.

Associate Professor

Residency Training Director

Director, Telemedicine And Information Technology Programs

Department Of Psychiatry And Behavioral Sciences

University Of Louisville, School Of Medicine

Chair Telemental Health SIG, American Telemedicine Association

Director Of Telemedicine, Centerstone Of Kentucky

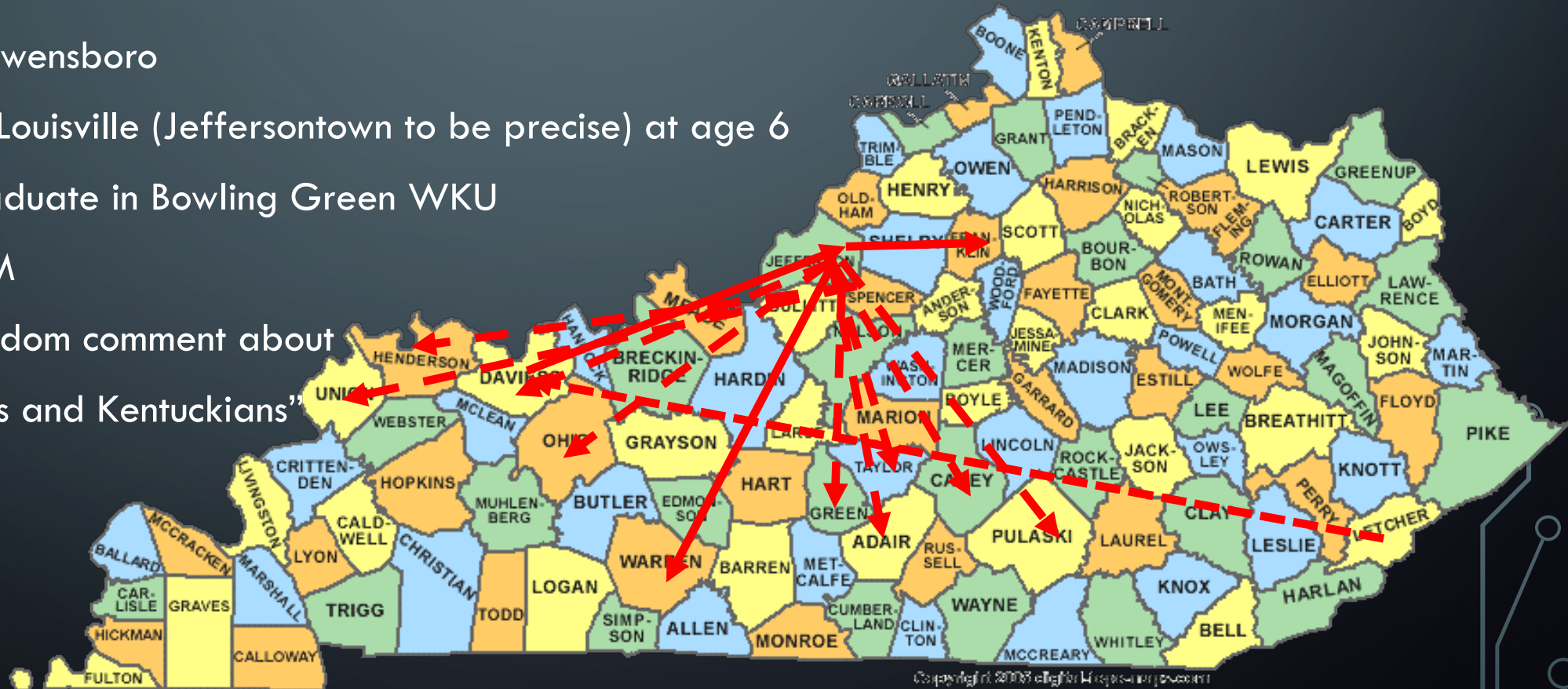
AN IMPOSSIBLE TASK?

- 45 minutes . . .
- Disclaimers
 - I speak for no one but me.
 - Disclosures all on title slide
- Telemedicine Aficionado
 - See me later for more
 - and more, and more




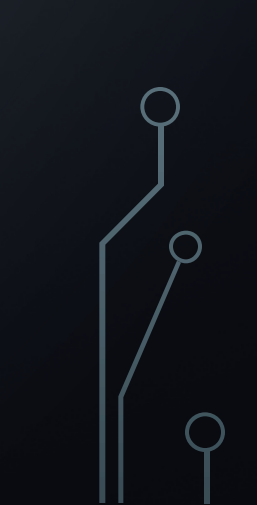
“WHO AM I AND WHY AM I HERE?”

- Parents from Eastern Kentucky (Carcassonne/Blackey in Letcher County to be precise) – Father is buried there, brother and his wife live there now. Both parents, brother and his wife all teachers and EKU and UK alumni.
- Born in Owensboro
- Came to Louisville (Jeffersontown to be precise) at age 6
- Undergraduate in Bowling Green WKU
- UofL SOM
- Some random comment about “Louisvillians and Kentuckians”





EXISTENTIAL QUESTIONS: “WHO AM I AND WHY AM I HERE?”

- Quick post residency bio:
 - Frankfort X 3 years
 - Southern Indiana X 2 years (start UofL faculty)
 - Seven Counties Services (now Centerstone Kentucky) to present (remain UofL faculty)
 - UofL Executive faculty 80/20 since 2009
- 
- 

“WHO AM I AND WHY AM I HERE?”

- Undergrad foreign language requirement



EXISTENTIAL QUESTIONS: “WHO AM I AND WHY AM I HERE?”

- Medical School - Computers and medicine
 - Undergrad foreign language requirement
 - Easily bored – repetitive tasks

Primitive CPOE



EXISTENTIAL QUESTIONS: “WHO AM I AND WHY AM I HERE?”

- “Skype,” the internet, and HD TVs
- 2001
- 2005 – business plans and ERx
- 2009
 - ATA
- 2015 and beyond





BUZZ PHRASE FOR THE DAY

- Behavioral Health integration into primary care settings
- 
- 
- 

[About ECHO](#)[Locations](#)[Initiatives](#)[NM TeleECHO Clinics](#)[Updates](#)[Join the Movement](#)[MetaECHO](#)[Superhubs](#)

Kaycee's Story: A New Way to
Access Complex Diabetes Care



MetaECHO 2017: Infinite
Possibilities #MetaECHO2017



ECHO Act Passes U.S. Senate and
House of Representatives

Project ECHO: A Revolution in Medical Education and Care Delivery

Project ECHO is a lifelong learning and guided practice model that revolutionizes medical education and exponentially increases workforce capacity to provide best-practice specialty care and reduce health disparities. The heart of the ECHO model™ is its hub-and-spoke knowledge-sharing networks, led by expert teams who use multi-point videoconferencing to conduct virtual clinics with community providers. In this way, primary care doctors, nurses, and other clinicians learn to provide excellent specialty care to patients in their own communities.

PROJECT ECHO

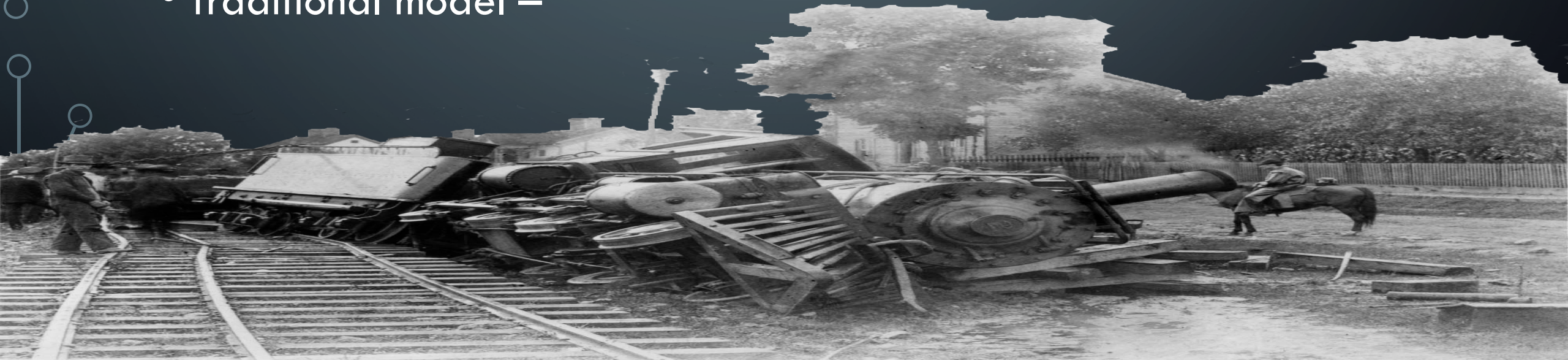
- Breaks down walls between specialty and primary care.
- links expert specialist teams at academic 'hub' with primary care clinicians in local communities – the 'spokes.'
- Together, they participate in weekly teleECHO™ clinics, which are like virtual grand rounds, combined with mentoring and patient case presentations.
- Clinics are supported by basic, widely available teleconferencing technology.
- During teleECHO clinics, primary care clinicians from multiple sites present cases to the specialist teams and to each other, discuss new developments relating to their patients, and determine treatment.
- Specialists serve as mentors and colleagues, sharing medical knowledge and expertise with primary care clinicians.
- ECHO® creates ongoing learning communities where primary care clinicians receive support and develop skills needed to treat particular conditions such as hepatitis C or chronic pain. As a result, they can provide comprehensive, best-practice care to patients with complex health conditions, right where they live.

BUSINESS MODELS:

- Fee for Service
- Contract
- Retainer
- My approach – take proven concepts (usually developed on grants or other unsustainable means) and make them work in the market – as in WIN/WIN.

IMPLICATIONS OF NO-SHOWS AND DOWNTIME

- Comparisons between
 - CMHC in person
 - CMHC telemedicine
 - (scalability mitigates)
 - University clinic in person.
- Traditional model –
- Incentivizing
 - Contract model – carrots and sticks
 - Asynchronous model – TIVO life
 - DTC – we're making house calls again
 - Resident clinic pilot project

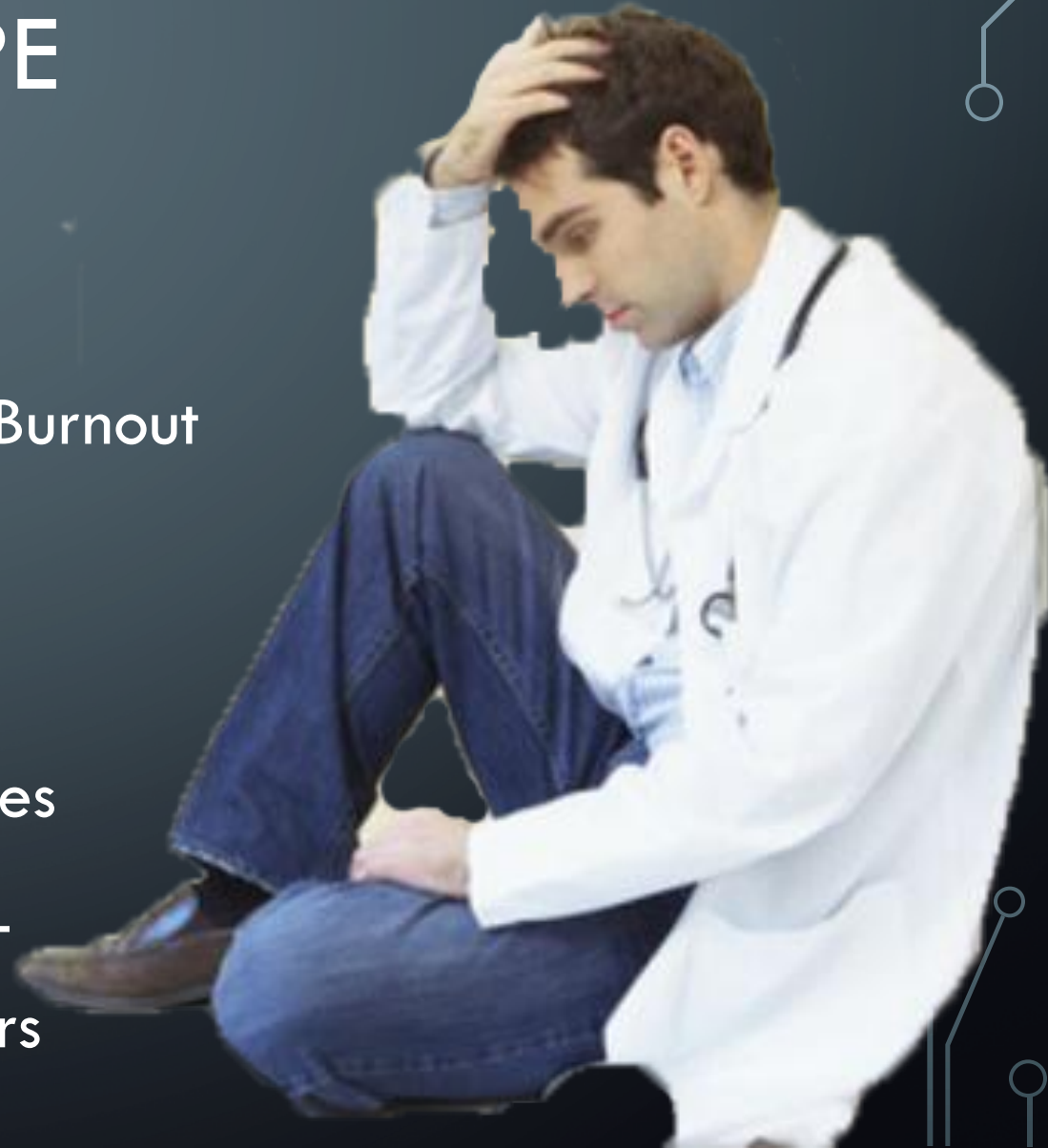


EMERGENCE OF OUT OF STATE TELEPSYCHIATRY “CALL CENTERS”

- A troubling past
 - Kentucky and Texas – Coal and Oil
 - Net importer of services, exporter of talent
 - Physician friendly?
 - What happens at UofL
 - Education costs money – gets paid regardless
 - When money stays in state it feeds programs in the state
- Licensure issues – pros and cons

PSYCHIATRIC WORKFORCE CHALLENGES AND HOPE

- Exit forces
 - ACA, EMR/EHR, Physician climate, Burnout
- Hope
 - Leveraging time – asynchrony
 - Demographics, facts, and snowflakes
 - Our recruitment philosophy at UofL
 - Care teams and mid-level providers



RESIDENTS TO TRAIN THE NEXT GENERATION OF TELEHEALTH PROVIDERS?

- Why not?
 - Working with millennials — challenges and rewards
 - Approach to work/life balance
 - Have always had work hour restrictions
 - Time management and training
 - Digital Natives vs. Digital Immigrants
 - (assimilated and non-assimilated).



WHO DO WE LOOK FOR?

Tech Savvy

- Geeks
- nerds
- Hackers
- super-users
- metausers
- Power-users



People skills

- Touchy-feelies
- Psychobabblers
- Squishes
- Bleeding heart
- empathic

WHAT LIES AHEAD?

- We've got to fix medicine.
 - Doctors and plumbers
 - Who wants to be a doctor and why?
 - Hard to live on prestige with 200K of student loans
- The absurdity of place — “Moving bits, not atoms (*Negroponte*)”
- Health Care 3.0?
 - ZDoggMD?
- What is eternal and what is not.



The background is a dark blue gradient. In the corners, there are decorative white line art elements resembling circuit traces or neural network connections. These lines connect to small white circles, some of which are arranged in a grid-like pattern.

- Robert.Caudill@louisville.edu