



Missouri Telehealth Network

University of Missouri Health

— Show-Me ECHO —

Missouri Telehealth Network



Ben Harvey

Associate Director, Missouri Telehealth Network & Show-Me ECHO



Missouri Telehealth Network

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ADANews

Medicaid success in Missouri

November 30, 2018



**DELTA DENTAL OF MISSOURI AWARDS \$1 MILLION GRANT
TO THE MISSOURI DEPARTMENT OF HEALTH AND SENIOR SERVICES TO
FUND STATEWIDE DENTAL SEALANT INITIATIVE**

Missouri receives federal approval to expand Medicaid dental services to eligible adults

Expansion approved by Missouri General Assembly in 2015, will continue in 2017 under recently signed state budget

A.T. STILL UNIVERSITY | **ATSU**
MISSOURI SCHOOL OF DENTISTRY & ORAL HEALTH

Office of Dental Health

Missouri Department of Health and Senior Services
PO Box 570
Jefferson City, MO 65102-0570



Missouri Telehealth Network

University of Missouri Health





Missouri Telehealth Network University of Missouri- School of Medicine

- Started in 1994
- We educate and train people interested in starting their own telehealth program.
- We hold training conferences and meetings.
- We have technical, clinical, operational, legal & regulatory and evaluation telehealth expertise.
- We have state, federal, grant, membership, and institutional funding.
- Show-Me ECHO





Mission Statements

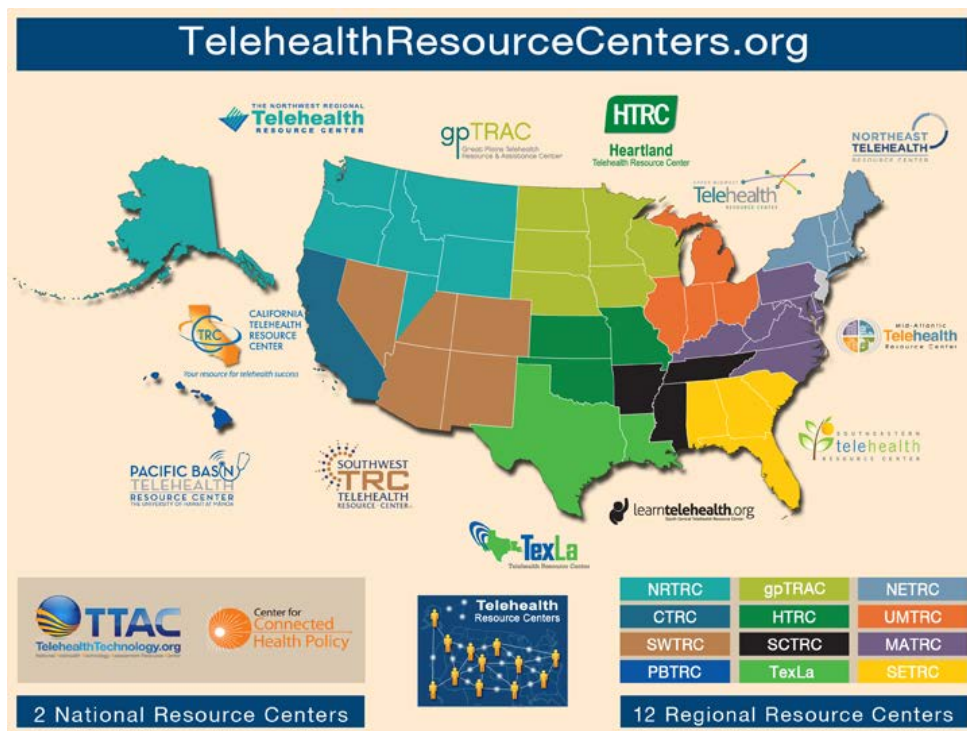
Missouri Telehealth Network exists to develop, study, and use telehealth solutions that improve access by providing high-value, patient-centered health care and medical education in Missouri and beyond.

Project ECHO's mission is to democratize medical knowledge and get best practice care to underserved people all over the world.



Missouri Telehealth Network
University of Missouri Health

We are a HRSA funded Regional Telehealth Resource Center



KANSAS - MISSOURI - OKLAHOMA

Website: Heartlandtrc.org

Phone: 877.643.HTRC



Missouri Telehealth Network

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Shelly Gooding,
Telehealth
Coordinator

Mirna Becevic,
Researcher &
Evaluator

Michael Oyewole,
Technology Analyst

Wendy Hough,
Office Support

Misty Jordan,
Telehealth
Coordinator

Dawn Bax,
Business Manager

Deepika Gupta,
Telehealth
Coordinator

Emmanuelle
Wallach, Graduate
Research Assistant

Mary Beth
Schneider,
Education
Specialist

Lindsey Beckmann,
Replication
Coordinator

Ben Harvey,
Associate Director
Operations

Gwen Ratermann,
Associate Director
Outreach

Rachel Mutrux,
Director

Karen Edison,
Medical Director

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Why do we do telehealth / ECHO?

Because **clinical shortages & clinician maldistribution**.

To **increase access** to high quality healthcare.

To decrease **travel**, cost, & hardship.

Because **early dx prevents suffering, saves lives & \$\$**.

To provide clinical **education & training**.

To provide **economic development- keeping health dollars local**.



Dr. Sanjeev Arora M.D., Hepatologist

- University of New Mexico
- Developed Project ECHO for Hep C in 2003
- 8 month wait to see him in the Hep C clinic
- Put together Interdisciplinary team
- Recruited willing Primary Care Providers
- Video Technology
- Published study showed...

Reduced wait times

Increase number of Hep C pts treated

Outcomes of PCPs equal to specialists





Who is doing ECHO?

There are currently ECHOs in more than **70** subject areas with more than 200 entities worldwide:

DOD, VA, Ireland, University of Washington, India, University of Chicago, MD Anderson, Univ of Utah, Billings Clinic, Univ of Wyoming, Uruguay, etc!

Subjects: Bone Health, Cardiology, Oncology, Palliative Care, Opioid Addiction Treatment, Rheumatology, Reproductive Health, Dementia Care, Epilepsy, Behavioral Health, Sickle Cell, Gerontology, and more!



What is ECHO?

ECHO (Extension for Community Healthcare Outcomes) is an educational program that uses videoconferencing technology to create communities of learning focused on specialists sharing their expertise with community providers, who can give their patients improved care in their own communities.

Extension for Community Healthcare Outcomes

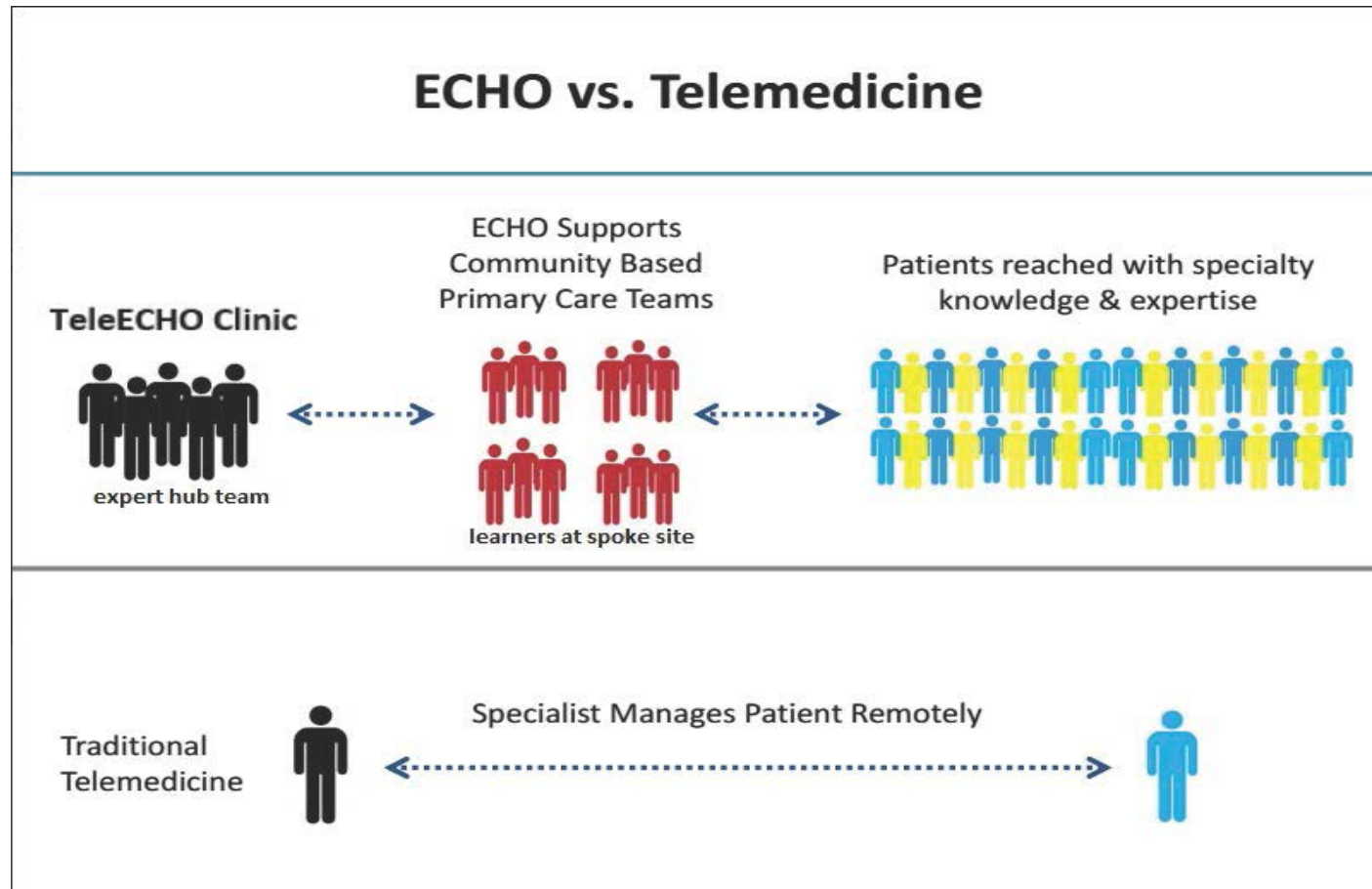
ECHO

Moves Knowledge, Not Patients

Telementoring project that creates communities of learning.



ECHO is Extension for Community Healthcare Outcomes





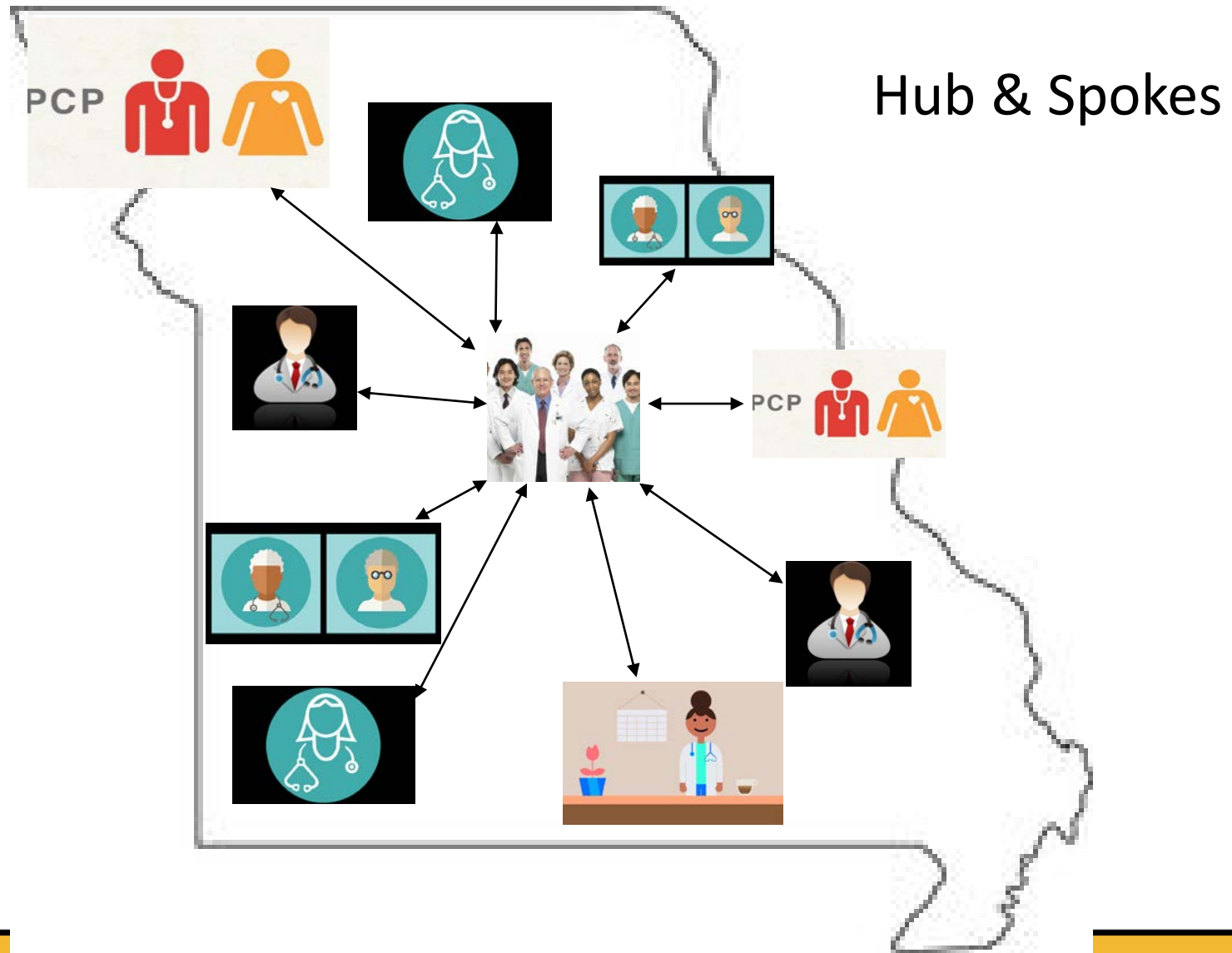
ECHO Roles

Spokes/
Participants

Hub Team

ECHO
Coordinator
&
Operations







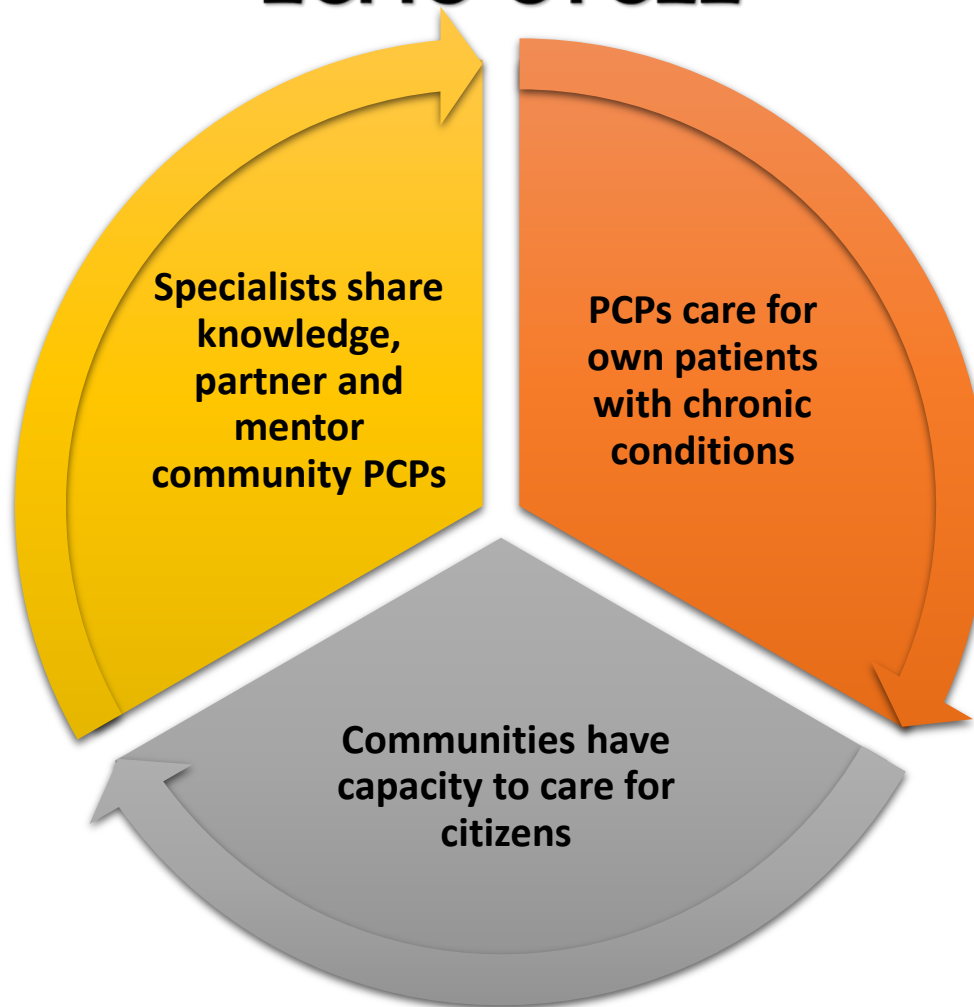
4 Points (tenets) of ECHO

1. Use **technology** (multipoint videoconferencing and Internet).
2. Disease Management Model that **reduces variation** in processes of care and sharing “best practices”.
3. **Case based learning:** Co-management of patients with specialists (learning by doing).
4. Monitor **outcomes**.



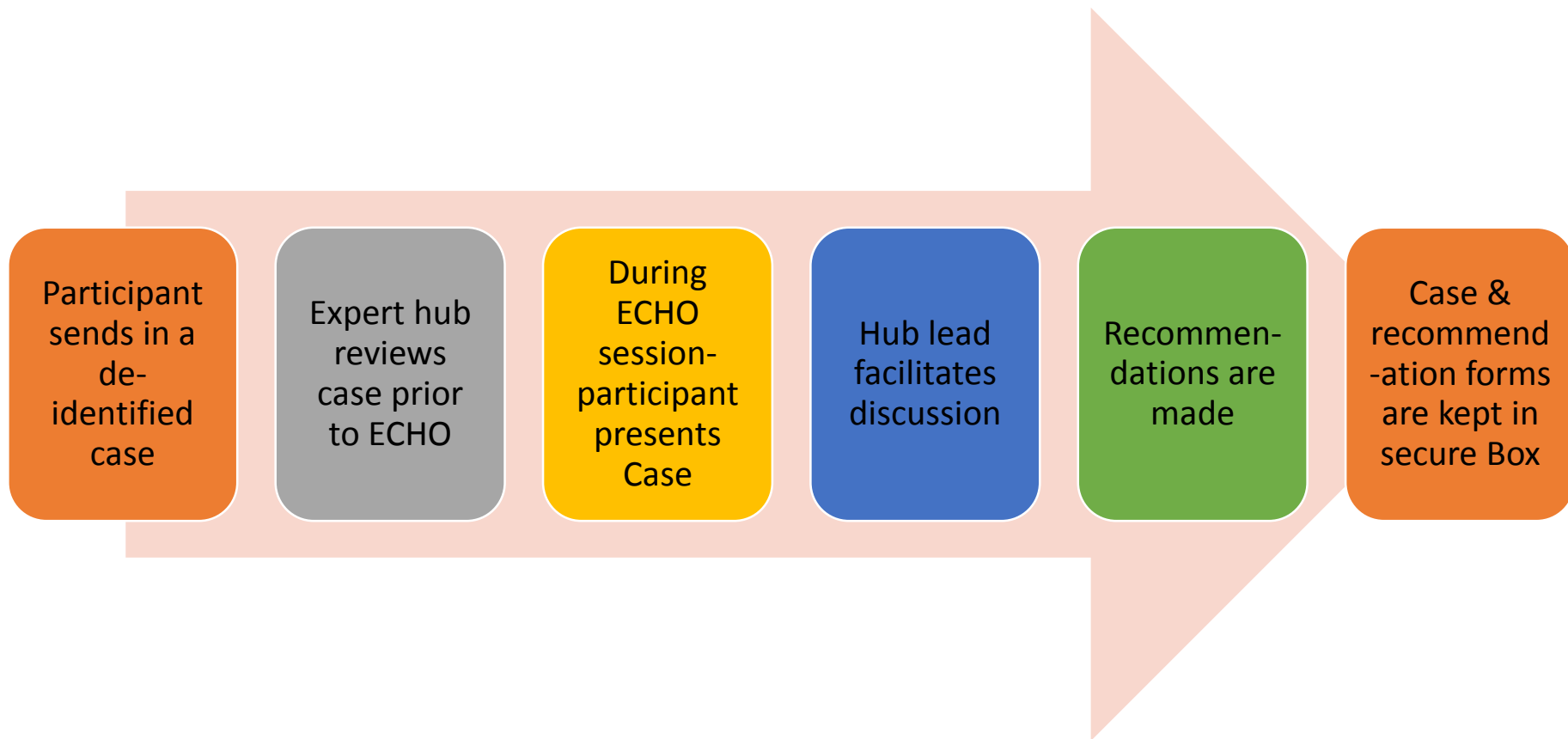


ECHO CYCLE





What happens?





ECHO Benefits

- Increased ability to diagnose and treat patients
- Increased confidence about subject
- Access to specialists
- Professional interaction with colleagues with similar interest
- No-cost Dental CEs
- A mix of work and learning





ECHO Benefits the Health System by:

1. Increasing Access for Rural and Underserved Patients
2. Providing Workforce Training and Force Multiplier
3. Reducing Variations in Care
4. De-Monopolizing Knowledge
5. Improving Professional Satisfaction/Retention
6. Supporting the Health Home Model
7. Reducing Excessive Testing and Travel
8. Improving Quality and Safety
9. Best-Practice Dissemination



Creation of Show-Me ECHO

2013

MO
Delegation
to New
Mexico

2014

\$1.5M for
Show-Me ECHO
vetoed by
Governor

Show-Me ECHO
in statute
Started 2 ECHO
pilots

2015

\$1.5M
reintroduced in
HB3

Passed by both
House & Senate
Signed by
Governor

MTN begins 6
ECHO projects

2016

Legislature
funds Show-Me
ECHO at \$3.0M

\$1.7M
restricted

\$1.3M funded
MTN became
an ECHO
Superhub

2017

Show-Me ECHO
at \$1.3M

MTN included in
state targeted
response to
Opioid epidemic
for 2 ECHO
projects

2018
Funded at
\$1.5M

**Additional
\$3M in state
funding-
MCOs**



Show-Me ECHO Topics

1. Impact Asthma ECHO
2. Asthma Care & Education (ACE)
3. Asthma Care Accelerator (ACA)
4. ECHO Autism
5. Chronic Pain Management ECHO
6. Derm ECHO
7. Hep C ECHO
8. Child Psych ECHO
9. Opioid Use Disorder ECHO
10. Community Health Worker ECHO
11. Healthcare Ethics ECHO
12. Multi-tiered System of Supports (MTSS) for K-12 schools
13. Rural Veteran's Behavioral Health
14. HIV





Show-Me ECHO Topics Cont..

1. High Risk OB-Rural*
2. High Risk OB- Urban*
3. Neonatal Abstinence Syndrome*
4. Oral Health*
5. Regional Genetics/Genomics w/ HRSA*
6. Diabetes- Bootheel
7. Hypertension- KC
8. Kidney
9. Trauma Informed Care- Schools
10. Mentally Impaired /Developmentally Disabled (MI/DD)

*will go-live February, 2019



Show-Me ECHO Outcomes

Hep C ECHO results in cost savings

- Based on costs, curing Hep C saves \$10,000 per patient/ per year.
- Approximately 120 patients have been presented and cured through the Hep C ECHO.
- 43 of the patients were covered by Medicaid (to date).
- In one year, this saves approx. \$430,000 to Medicaid.



Show-Me ECHO Outcomes

ECHO Autism increases screening rates

- Child developmental screenings in ECHO participants increased the rate by 123% (based on 13 providers participating between 3/15-9/16)
- Additionally, most providers already performing screenings more than doubled their rate of screenings.



Show-Me ECHO Outcomes

- Asthma ECHO has helped to reduce ED visits and Hospital stays by \$4M/year for the past 2 years
- Because of Derm ECHO, 12 melanomas have been identified
- Because of Autism ECHO there is an ECHO trained provider capable of diagnosing autism within 60 miles of every Missouri family

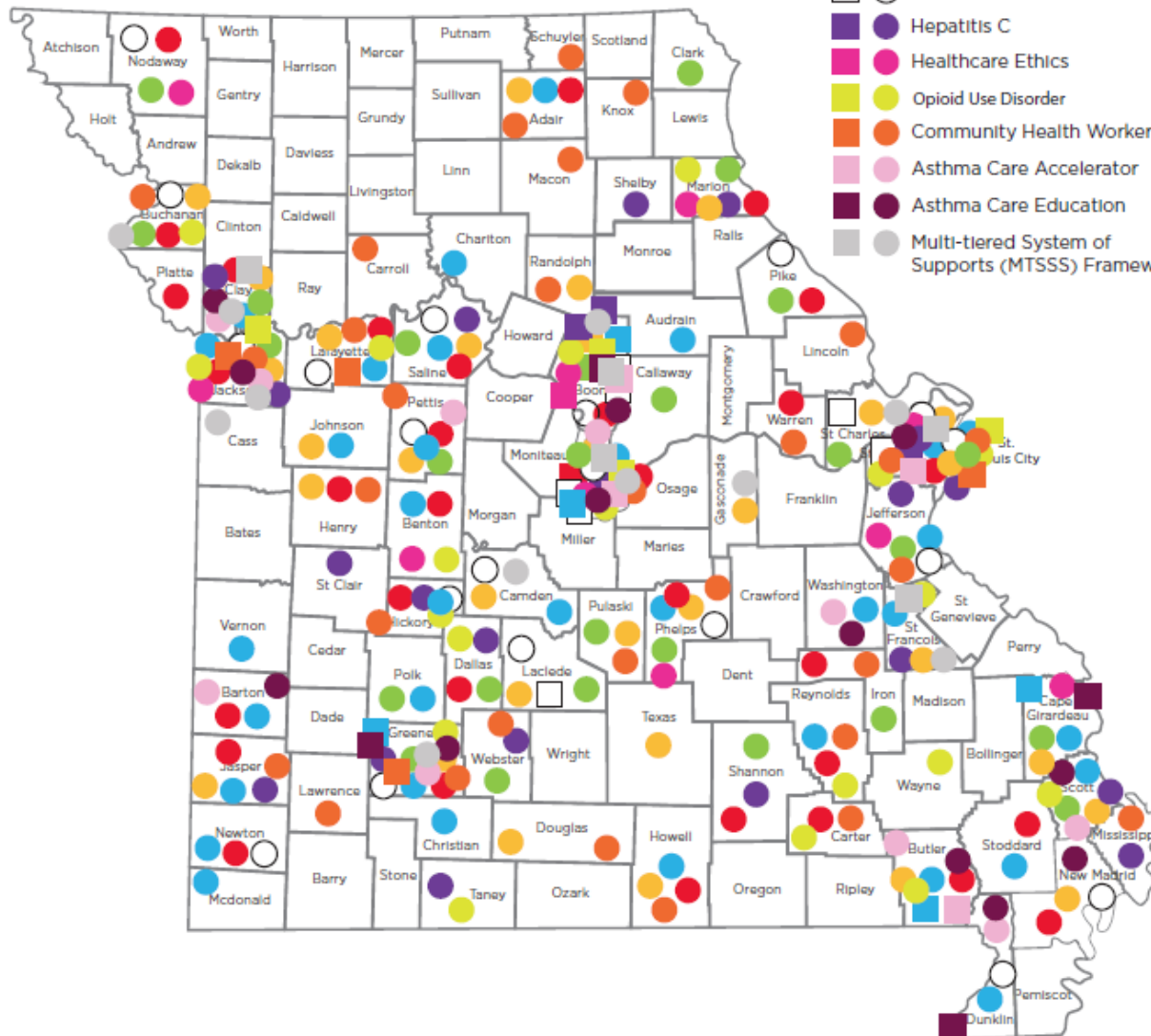
SHOW-ME ECHO

Increasing access to specialty care

Hub and Spoke Provider Key

Square = hub (expert team members)
circle = spoke (participants)

- Autism
- Chronic Pain Management
- Dermatology
- Asthma
- Child Psych
- Hepatitis C
- Healthcare Ethics
- Opioid Use Disorder
- Community Health Worker
- Asthma Care Accelerator
- Asthma Care Education
- Multi-tiered System of Supports (MTSS) Framework





Missouri Telehealth Network

University of Missouri Health

MEET THE TEAM



Nathan Suter, DDS
General Dentist
COMTREA Health
Center/Green Leaf
Dental Care



**Hesham Abdulkarim,
BDS, MSD, ABP Board
Certified, DICOI**
Periodontist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



Craig Hollander, DDS, MS
Pediatric Dentist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



**Gerard Krueger, DDS,
MS, FACP**
Prosthodontist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



Susan Adams
Endodontist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



Romana Muller, MSDH, RDH
Dental Hygienist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



**Eric Wombwell,
PharmD, BCIDP**
Pharmacist
UMKC - School of
Pharmacy



Brett Ferguson
Oral Surgeon
Truman Medical
Centers

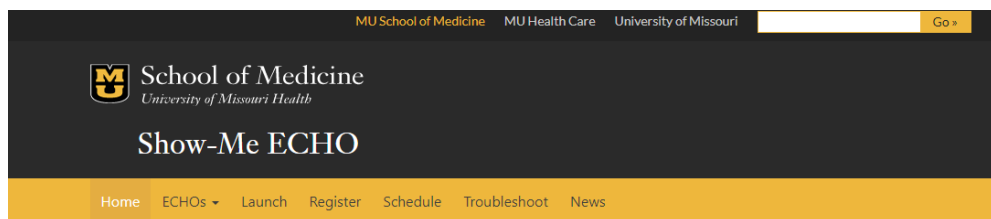


**Richard Vargo, DMD,
DABOMP, FAAOM**
Pathologist
Missouri School of
Dentistry and Oral Health -
A.T. Still University



How do you sign up?

go to: showmeecho.org



Extending Specialty Care into Primary Care



Show-Me ECHO (Extension for Community Healthcare Outcomes) uses videoconferencing technology to connect a team of interdisciplinary experts with primary care providers. The discussions with, and mentoring from, specialists help equip primary care providers to give their patients the right care, in the right place, at the right time.

CONTACT US

Email:

showmeecho@health.missouri.edu

Phone:

573-884-7958

Toll Free:

877-882-9933

SHOW-ME ECHOS

Asthma
Autism
Child Psych
Chronic Pain Management
Community Health Worker
Dermatology
Healthcare Ethics
Hepatitis C
Opioid Use Disorder



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Superhub