

Arizona Telemedicine Council

Upcoming Meetings <u>2021</u> October 20<sup>th</sup>

> 2022 January 19<sup>th</sup> April 20<sup>th</sup> July 20<sup>th</sup> October 19<sup>th</sup>

The Arizona Telemedicine Council meeting is scheduled for Wednesday, October 20, 2021, 11:00am to 1:00pm



Due to the COVID-19 challenges, this will be a virtual meeting Please us the link below to register:

https://aztelemedicine.zoom.us/webinar/register/WN\_z6\_2Qal5T5qT cq2vxr6gjQ

or

https://bit.ly/2XiPyuE

For more information: <u>http://www.telemedicine.arizona.edu/about-us/atc</u> Or contact Angel Holtrust @ 520-626-2971



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1924

#### Logan International Airport Massachusetts General Hospital Telemedicine/1968-1975



Ronald S. Weinstein, MD, MGH-R3, 1968



Michael Crichton, HMS-4, 1969

#### **Pioneering Multi-Specialty Telemedicine Programs (1968-1975)**

(STARPAHC)

Logan International Airport/MGH (1968)





#### **TELEMEDICINE APPLICATIONS (1968-1975)**

#### LOGAN AIRPORT-MGH PROGRAM & STARPAHC

- Telepsychiatry (i.e., tele-mental health)
- Teleradiology\*
- Telepulmonology
- Telecardiology
- Tele-infectious disease
- Teledermatology
- Television microscopy (forerunner to "telepathology")

#### Western Governors' Association Telemedicine Action Report (1993-1996)

#### **Table of Contents**

- •<u>A Vision for Telemedicine</u>
- •Barrier One: Infrastructure Planning and Development
- •Barrier Two: Telecommunications Regulation
- •Barrier Three: Reimbursement for Telemedicine Services
- •Barrier Four: Licensure and Credentialing
- •Barrier Five: Medical Malpractice Liability
- •Barrier Six:Confidentiality
- •Telemedicine Action Report Editors
- •Telemedicine Policy Review Group
- •Telemedicine Background Paper Authors
- Western Governors' Association 1994-1995 Board Of Directors



	Arizon	a Telem	edicine Progra	2021)		
Tucson, AZ	The University Of Arizona (1996)		Arizona Telemedicine Program (1996)	<b>*</b> →	Arizona Telemedicine Council (1996)	Phoenix, AZ

## Arizona Telemedicine Council

Invention: "Non-Statutory Overarching Authority"



Board Room, Joint Legislative Budget Committee, AZ State Capitol Campus

Sustainability Challenges for the Arizona Telemedicine Program

How to be a presence on the AZ State Capitol Campus?

How to become a presence in downtown Phoenix?

How to be at the center of the healthcare industry?

#### Arizona Telemedicine Program's T-Health Amphitheater Phoenix, AZ ("e-Classroom-of-the-Future")

T.HEALTH.

PROGRAM



Sustainability Challenges for the Arizona Telemedicine Program

How to be a presence on the AZ State Capitol Campus?

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### ARIZONA TELEMEDICINE PROGRAM CORP OF ENGINEERS



### ARIZONA RURALTELEMEDICINE NETWORK

"Virtual Health Care for Underserved, Marginalized, and Vulnerable Populations"







## UA Teleradiology – 1,300,000+ cases (25+ hospitals: 1997-2003)



# Telepsychiatry







# Home Health Care Applications

- Wound care
- Post-operative care
- Pre-organ transplantation
- Physical therapy







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1. Sea Change in Telemedicine – Surge or Tsunami?

2. "Deadweight loss" in Economics

3. COVID-19 as an "INNOVATION ACCELERATOR"



1. Sea Change in Telemedicine – Surge or Tsunami?

2. "Deadweight loss" studies in economics

3. COVID-19 as an "INNOVATION ACCELERATOR"

Deadweight loss, also known as "excess burden," is a measure

of lost economic efficiency when the socially optimal quantity of

a good or a service is not produced.

- Legal processes
  - Regulatory
    - Policy
- Payment models
  - Liability

## *Time-Line for Telemedicine Implementation (1968-2021)*

- 1968-1975 Up to 5000 cases per year in the United States
- 1996 350,000 to 500,000 cases in the United States
- 2019 -- 31 million cases in the United States
- 2020 -- Est. 39 million cases in the United States

**COVID-19** Pandemic

• 2020 -- ~1 billion cases



1. Sea Change in Telemedicine – Surge or Tsunami?

2. "Deadweight loss" studies in economics

3. COVID-19 as an "INNOVATION ACCELERATOR"

# Pandemics as Innovation Accelerators

"Pandemics provide an opportunity to reimagine what might be possible."

NPR -- Wednesday, February 24, 2021"



### Mr. Burns has chaired 91 of 97 ATC meetings since 1996.







# ATP/ T-Health Staff



#### Average 16 years of services





## Thank you!

### Ronald S. Weinstein, MD, FCAP, FATA rweinstein@telemedicine.arizona.edu





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