

A woman with dark, curly hair, wearing a white lab coat, is looking at a computer monitor. The background is a soft, out-of-focus indoor setting. The text is overlaid on the image.

OPTIMIZING APRN TELEMEDICINE

Research-Based Opportunities



Troy Heidesch DNP
Richards Endowed Graduate Chair
Mary Inez Grindle School of Nursing

WHAT'S DRIVING TELEMEDICINE?

Improved outcomes.
Better patient experience
Reduced costs.



CONFIDENTIAL

Be everywhere your customers are.

Keep in touch.

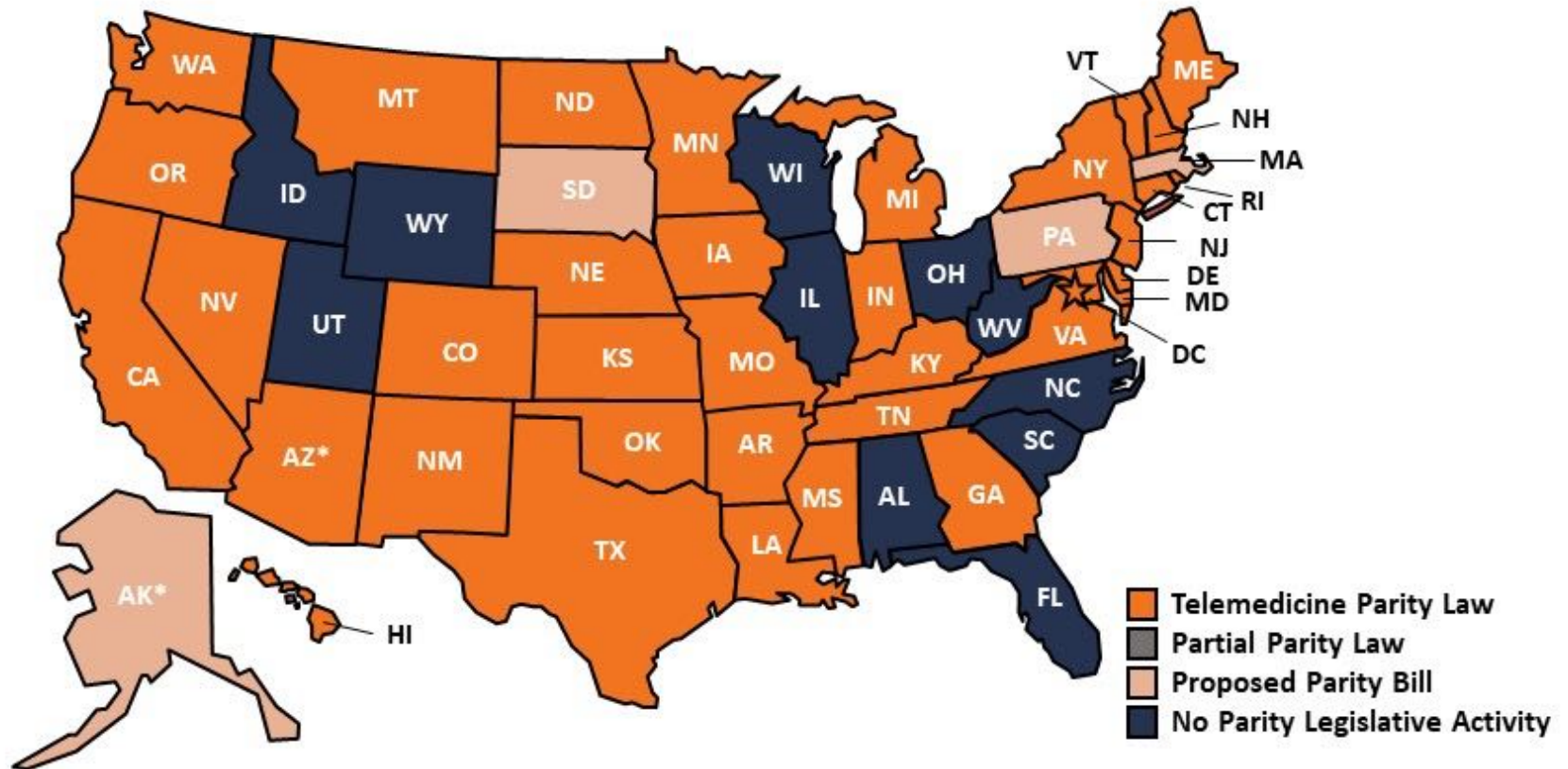


HealthCare Industry

Number of physicians is no longer keeping up with population growth just as more demand is placed on the system by an aging baby-boomer population (Lakhan & Laird, 2009)

Physician baby boomers retire, and as younger physicians prefer not to work the number of hours their predecessors did (Coile, 2003; Cooper, Getzen, McKee, & Laud, 2002; MAG, 2008; Merrit, Hawkins, & Miller, 2004)

States with Parity Laws for Private Insurance Coverage of Telemedicine (2018)



States with the year of enactment: Alaska (2016)*, Arizona (2013)*, Arkansas (2015), California (1996), Colorado (2001), Connecticut (2015), Delaware (2015), Georgia (2006), Hawaii (1999), Indiana (2015), Iowa (2018), Kentucky (2000), Louisiana (1995), Maine (2009), Maryland (2012), Michigan (2012), Minnesota (2015), Mississippi (2013), Missouri (2013), Montana (2013), Nebraska (2017), Nevada (2015), New Hampshire (2009), New Jersey (2017), New Mexico (2013), New York (2014), North Dakota (2017), Oklahoma (1997), Oregon (2009), Rhode Island (2016), Tennessee (2014), Texas (1997), Vermont (2012), Virginia (2010), Washington (2015) and the District of Columbia (2013)

States with proposed legislation: In 2018, Alaska, Massachusetts, Pennsylvania, and South Dakota

*Coverage applies to certain health services.



TELEPSYCHIATRY

Hospital System and Community Challenges

- ✓ **The longer mental health patients stay in the ED the more their mental states decompensate and the more costs increase** Weiss, et al. 2014, Burgeois et. al, 2005, Gater et al, 2005
- ✓ **ED physicians are not trained in psychiatry specialty and involuntarily commit more patients than psychiatrists (risk avoidant behavior).** Saeed, Diamond, & Blosch, 2011
- ✓ **Readmission rates increase by 130-230% for medical patients who also have depression** Davidow, et al., 2015, Mitchell et. al, 2010, & Ahmedani et al, 2015, Burke 2013

Keep in touch.

WORKPLACE CHALLENGES



- Absenteeism, due to health risks and illness, cost business
(Wright, Beard, & Edington, 2002)
- Improved health and reduction of health risks saves companies money
(Schultz et al., 2002)
- Worksite clinics cost less than sending employees to traditional clinics
(Chenoweth & Garrett, 2006)



ICU TELEMEDICINE

Telemedicine in hospital systems has been shown to improve mortality, decrease length of stays, and decrease time-to-treatment at the same that these initiatives actually increased the complexity of cases treated after telemedicine initiatives were started (Canfield & Galvin, 2018; Coustasse et. al., 2014; Chen et. al., 2018; Myers & Cain, 2008; Sorvaniemi et al, 2005).

A female healthcare professional with long blonde hair, wearing a white lab coat over a light blue button-down shirt. She has a red stethoscope around her neck and an identification badge on her chest. The background is a plain, light grey wall. The image is partially overlaid by a dark green curved shape in the bottom right corner.

WHAT ARE THE APRN TELEMEDICINE OPPORTUNITIES?

Lets keep in touch!

Troy Heidesch DNP

Brenau University: Theidesch@Brenau.edu

Smart House Calls Telemedicine: Troy@SmartHouseCalls.com