



VCU & VCU Health: Stronger Together

Art Kellermann, M.D., M.P.H.
Senior Vice President, VCU Health Sciences
CEO, VCU Health System

Virginia HFMA
March 17, 2022



VCU Health is everything health-related at VCU



VCU Health System Authority

Hospitals

- VCU Medical Center
- VCU Health Community Memorial Hospital
- VCU Health Tappahannock Hospital

Physician Groups

- VCU Health CMH Physicians
- VCU Health MCV Physicians

Other

- VCU Health Ambulatory Surgery Center
- VCU Health Children's Services at Brook Road
- VCU Health Continuing Education

VCU Health Sciences

- College of Health Professions
- School of Dentistry
- School of Medicine
- School of Nursing
- School of Pharmacy

Research Centers and Institutes

- VCU Johnson Center for Critical Care and Pulmonary Research
- VCU Massey Cancer Center
- VCU Health Harold F. Young Neurosurgical Center
- VCU Health Hume-Lee Transplant Center
- VCU Health Pauley Heart Center
- VCU Medical Center Evans-Haynes Burn Center
- VCU Medical Center Trauma Program



VCU Colleges and Schools

- College of Engineering
- College of Humanities and Sciences
- Graduate School
- L. Douglas Wilder School of Government and Public Affairs
- School of the Arts
- School of Business
- School of Education
- Richard T. Robertson School of Media and Culture
- School of Social Work
- School of World Studies

VCU Health By the Numbers (FY21)



13,000+
Team Members

800+ Physicians
500+ Advanced Practice Professionals

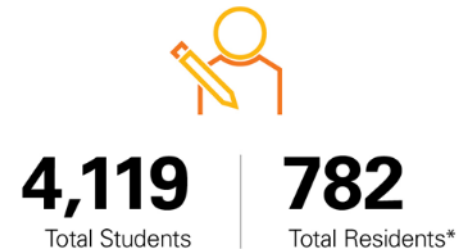


394 Studies open
to enrollment

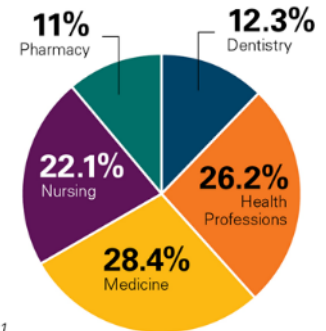
244 Clinical trials
open to enrollment



\$362.9M
Total Amount
of Research Awards



2021 Enrollment by College or School



*as of Fall 2021

COVID-19 in Virginia



Case Measure

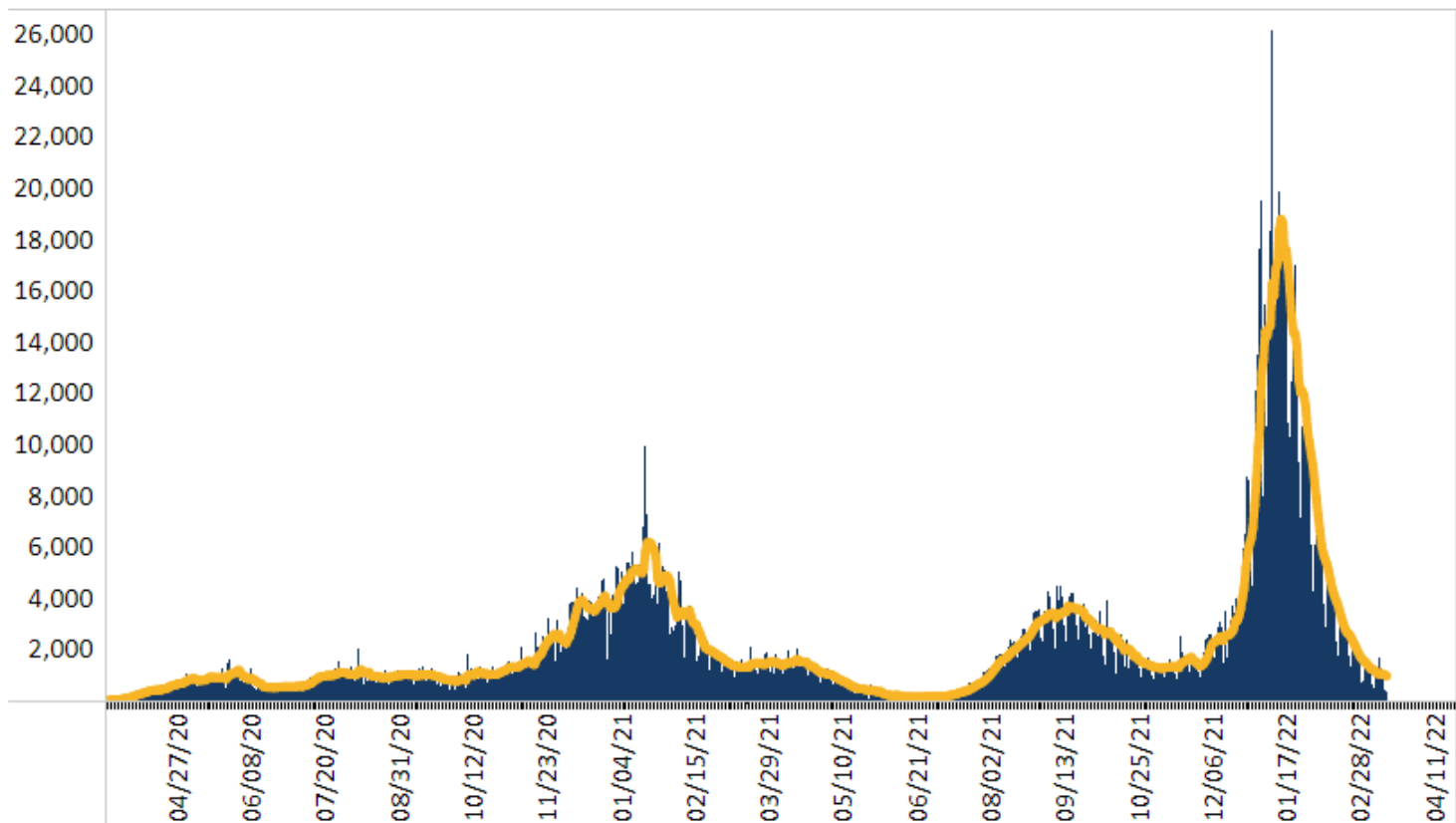
Dashboard Updated: 3/14/2022, Data entered by 5:00 PM the prior day.



Total Cases by Date Reported - Virginia

Number of new cases VDH reported by day.

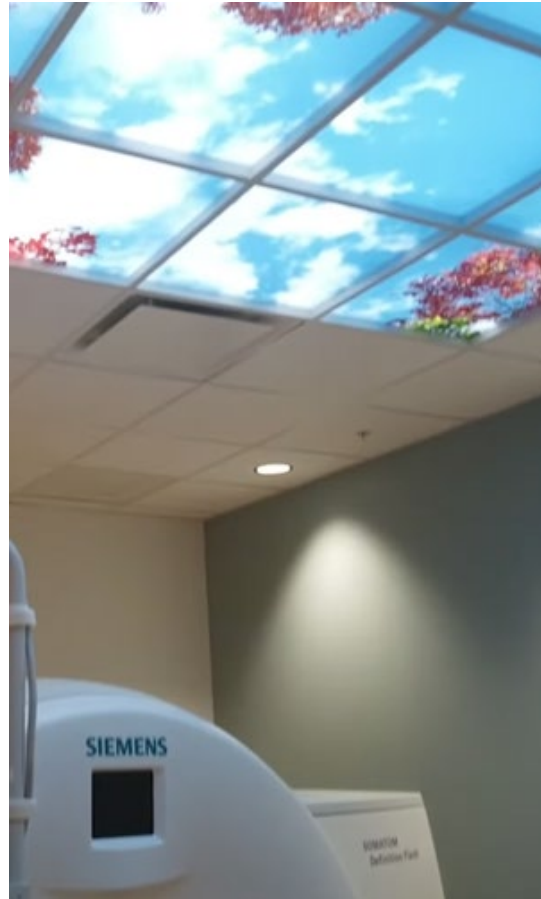
■ Reported Cases
■ 7-day MA



While VCU Health battled COVID, we also...

- Vaccinated tens of thousands of employees, patients and community members
- Graduated >1,000 health professionals to serve VA & the US
- Conducted groundbreaking research on numerous fronts
- Partnered with SAI to open an amazing rehab hospital
- Opened a free-standing ER in New Kent
- Acquired and stabilized Tappahannock hospital
- Advanced the work of our Massey, Pauley, Transplant, Trauma/Burn & Neuroscience Centers of Excellence
- Gave expert care to nearly 35,000 complex inpatients, 80,000 ED visitors and nearly 850,000 outpatients per year
- Deployed a new timekeeping system, a new ERP software solution and a massive new electronic health record (Epic)
- Kept our AOP and CHoR WonderTower building projects on track...

**We're more than a health care system.
We're a cornerstone of Richmond's economy.**



VCU's Economic Impact in Virginia

Within the **Richmond MSA**, **VCU-associated spending**** in FY20 generated:

- An annual economic impact of **~\$6.3 billion**
- **44,000 jobs**
- **For every \$1.00 that VCU spends** on operations, maintenance and labor, **the Richmond MSA experiences an economic impact of \$2.78**

Statewide, VCU-associated spending* in FY20 generated::

- An annual economic impact of **~\$9.5 billion**
- **58,000 jobs**
- **For every \$1.00 VCU spends** on operations, maintenance and labor, **Virginia experiences an economic impact of \$2.47**

*VCU spending on operations, maintenance and capital investment combined with the spending of employees, students, and visitors

**Richmond MSA = the 13 counties and 4 cities that comprise the region

Source: VCU Center for Urban and Regional Analysis update using 2020 data

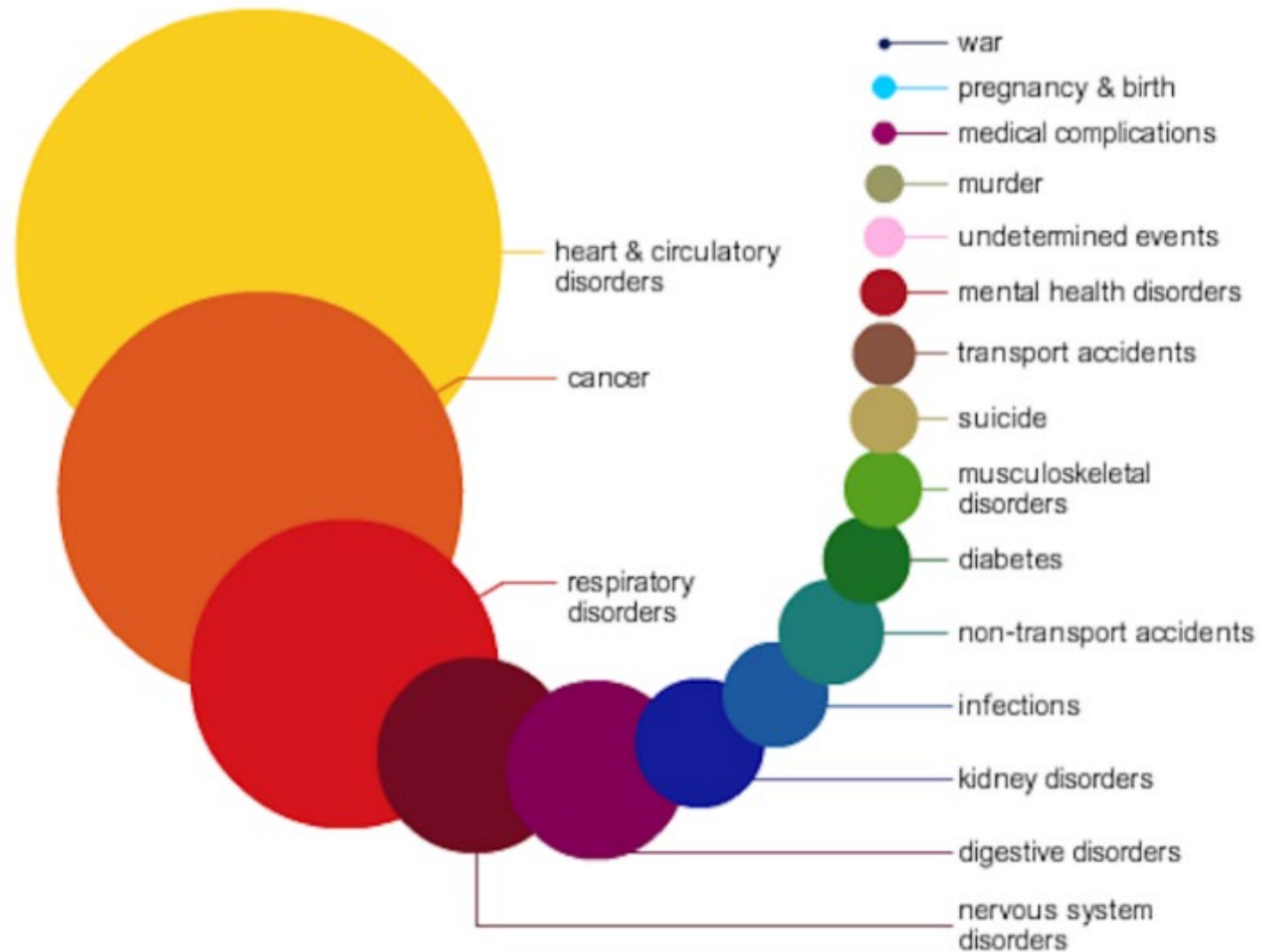


What's Next?

Four Major Themes:

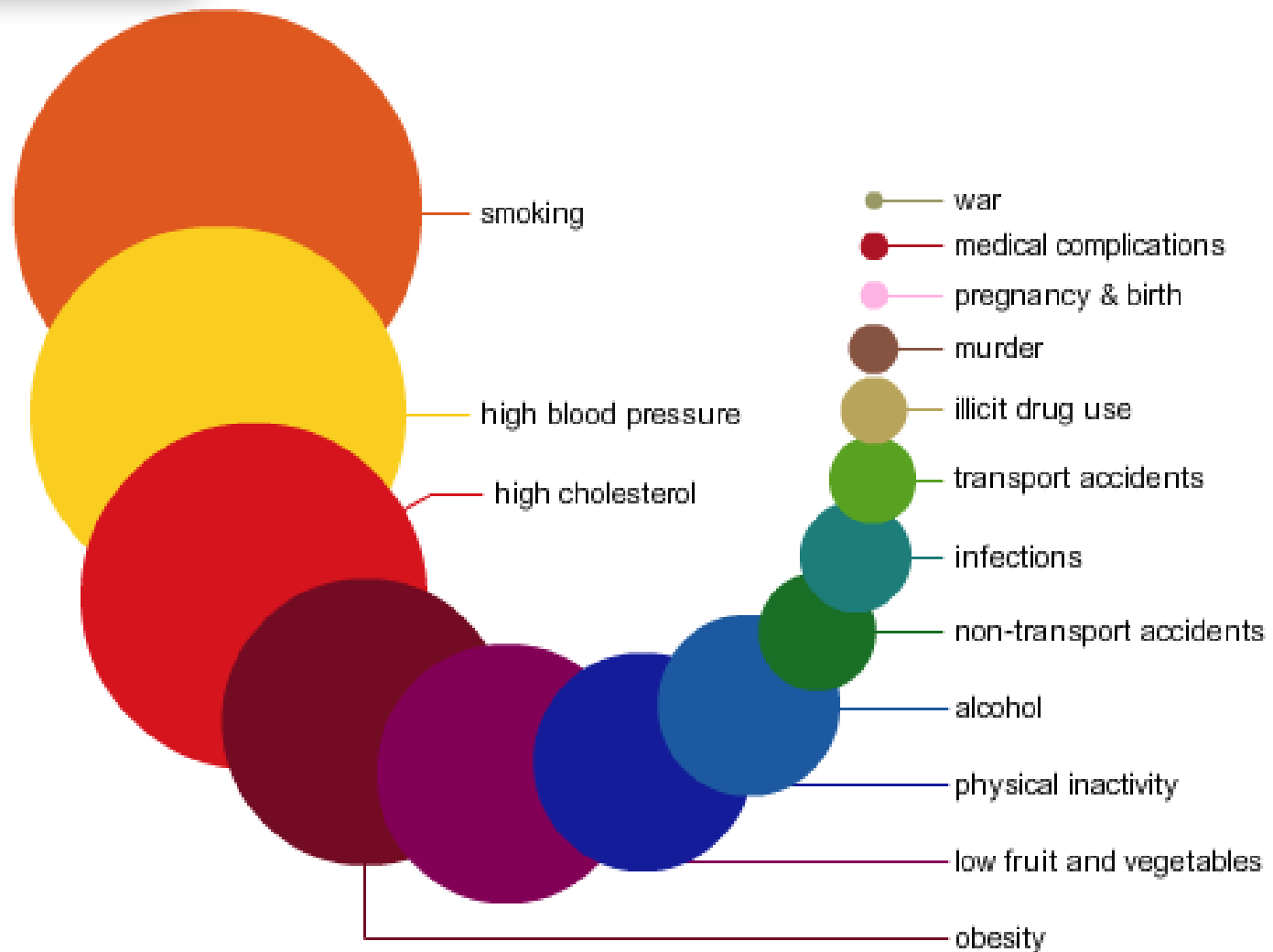
1. Expand beyond delivering health care to advancing ***health***
2. Leverage the power of ***partnerships***
3. Drive ***high-value innovation*** for the commonwealth and our nation
4. Stay true to our ***values***

Leading causes of death in perspective



Risks leading to death in perspective

NHS Atlas of Risk

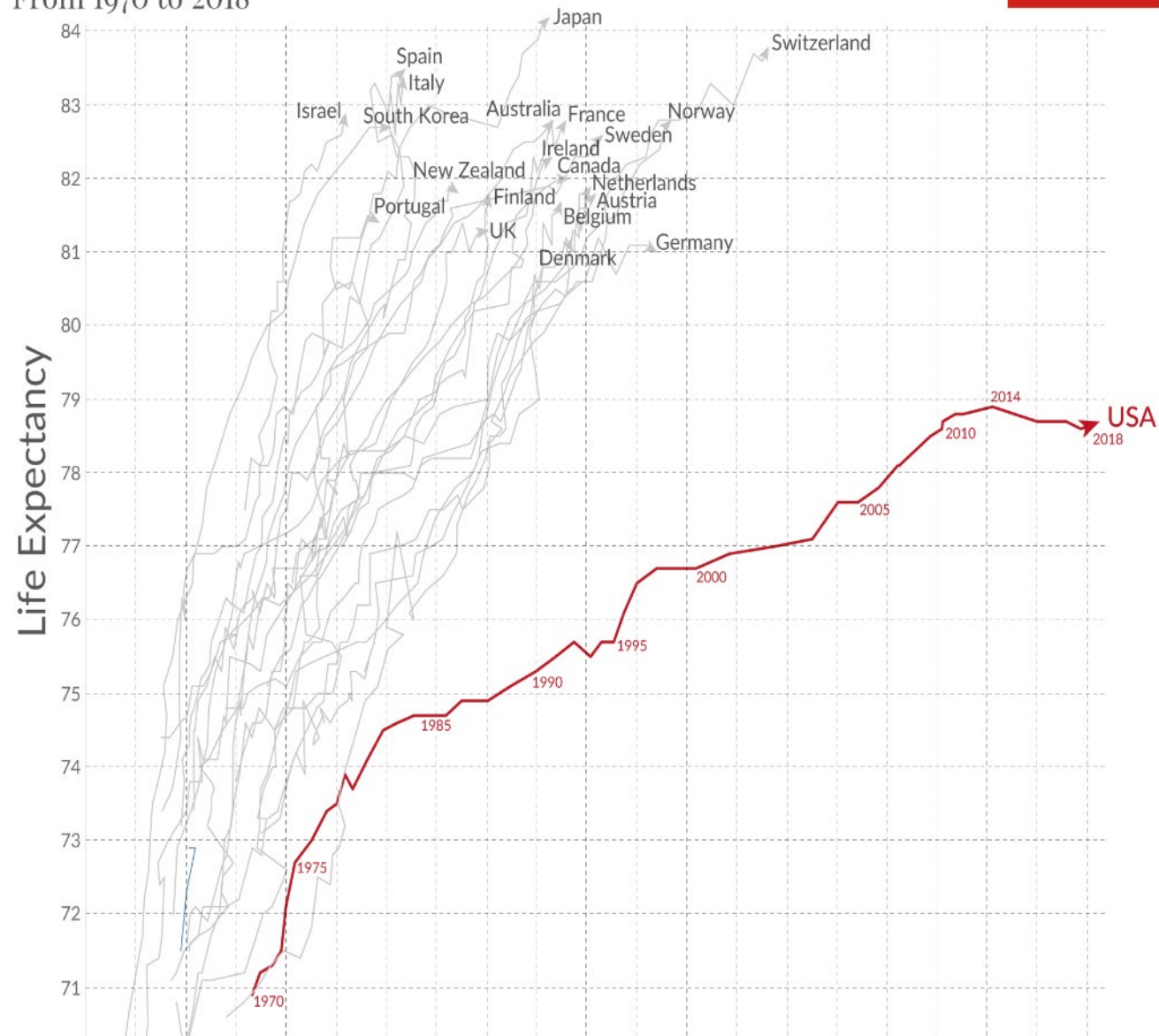


Source: NHS Atlas of Risk: <http://www.nhs.uk/Tools/Pages/NHSAtlasofrisk.aspx>

Life expectancy vs. health expenditure

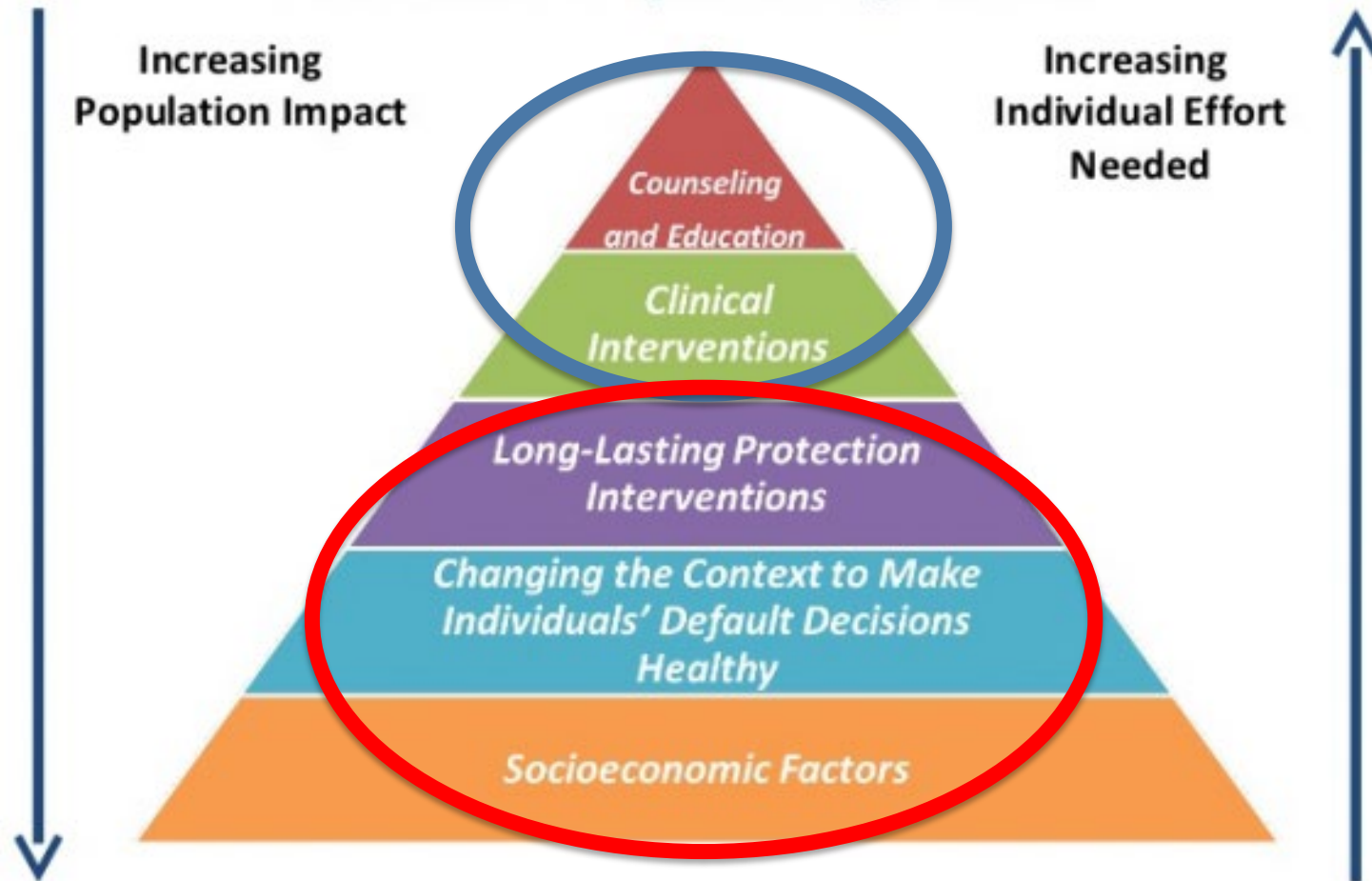
Our World
in Data

From 1970 to 2018



<https://ourworldindata.org/us-life-expectancy-low>

Health Impact Pyramid



Frieden T. American Journal of Public Health | April 2010, Vol 100, No. 4

The Power of Partnerships



Key Partners (among many)



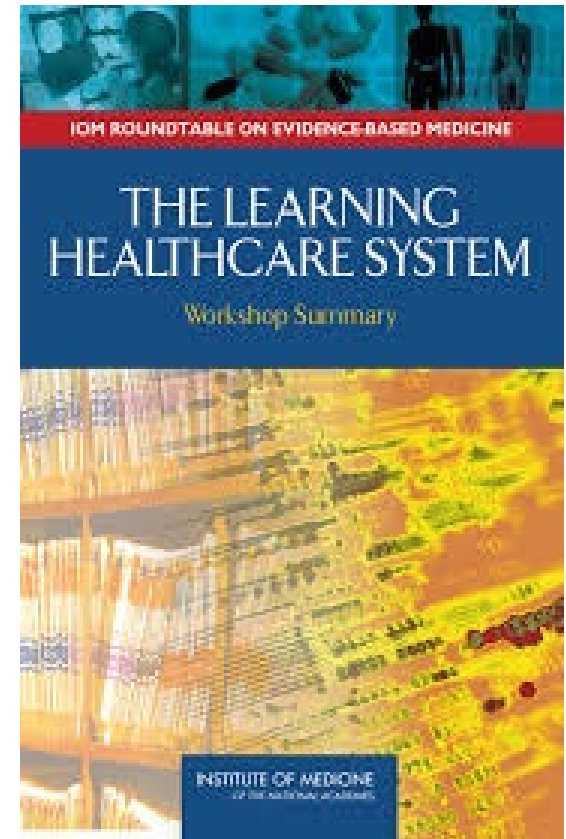
High-Value Innovation!



<https://www.progress-index.com/story/news/2021/01/22/phlow-civica-facility-makes-central-virginia-pharmaceutical-powerhouse/6662072002/>

VCU Health is transforming into a “Learning Healthcare System”

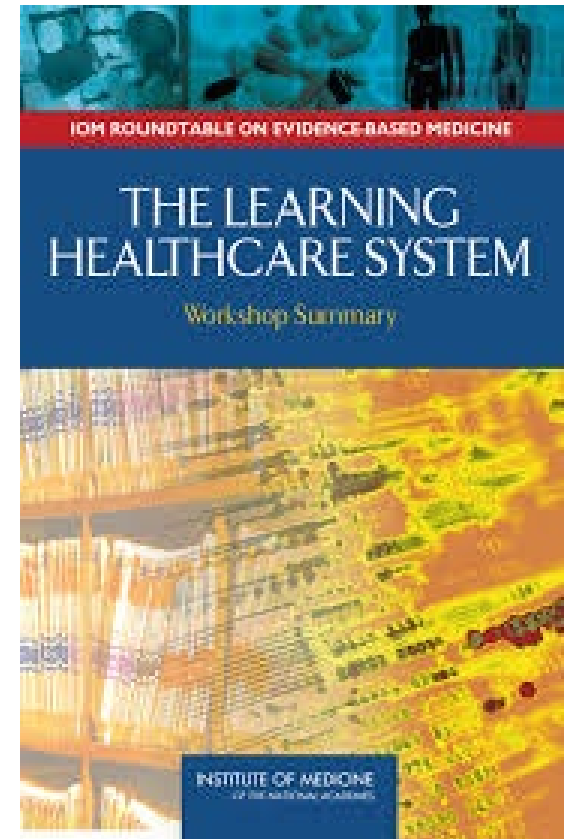
“In a learning healthcare system, science, informatics, incentives and culture are aligned for continuous improvement and innovation, with best practices seamlessly embedded in the delivery process and new knowledge captured as an integral by-product of the delivery experience”



<https://nam.edu/programs/value-science-driven-health-care/learning-health-system-series/>

VCU Health is transforming itself into a “Learning Healthcare System”

“In a learning healthcare system, science, informatics, incentives and culture are aligned for continuous improvement and innovation, with best practices seamlessly embedded in the delivery process and new knowledge captured as an integral by-product of the delivery experience”



<https://nam.edu/programs/value-science-driven-health-care/learning-health-system-series/>

Living Better, Longer

Medical care and treatment innovations have enhanced the odds for people with sickle cell disease to live well into middle age or longer and enjoy better quality lives | Photos courtesy VCU Health



Richmond resident Kenny Lane is receiving treatment through the Adult Sickle Cell Program at VCU Health and is a resident in its adult sickle cell medical home.

BECKER'S HOSPITAL REVIEW

Top 25 List of Hospitals Providing Telehealth Visits during Covid

14. VCU Medical Center (Richmond, Va.)

INSPIRED LIFE

Stories about humanity

A mechanic opened a restaurant. On his days off, he fixes junk cars and gives them to people in need.

Eliot Middleton has repaired 33 clunkers and gifted them to single mothers and others in need in rural South Carolina.

By Spiny Page

Ten heading to the military raised \$30,000 by cutting off his 19-inch Afro. He gave the money to help kids with cancer.

"Everywhere he went, he was the guy with the big hair," said Karan's mom, Karly Moline. "There was no way not to notice it."

By Cathy Price

First responders at the Surfside collapse are getting homemade cards from kids: 'It stopped me in my tracks'

"It is probably the simplest and greatest offering for a firefighter's first responder who has been thanked," said Miami-Dade Fire Rescue captain Omar Blanco.

By Spiny Page



Christina Lauren, 'The Empty Seat'

For years, this doctor has showed up after strangers' weddings and — with permission

WEEK UP

The Optimist newsletter

We'll deliver you stories of resilience, defiance and the best among us, every Wednesday and Sunday. The Optimist will help you live your best life and find moments of joy or inspiration during dark times.

We could all use a laugh. These comedic romance novels deliver.

Christina Lauren and Alexis Darla done out happily-ever-afters with a side of humor.

Sacrificing sleep to make time for yourself? Tips to stop 'revenge' bedtime procrastination.

'Revenge bedtime procrastination' rose with the pandemic, as lines between work, home and school were erased.

How artists are capturing our



We're Number One!



Awardee: VCU Medical Center

“VCU Medical Center is the top-ranked hospital for social responsibility in Virginia (and among the top 40 nationwide) according to the Lown Hospitals Index for Social Responsibility. The score is based on 54 metrics, including health equity, inclusivity, community benefit, cost efficiency and pay equity...”

For us, it's not a business. It's our *mission*



onevcu