



A HEALTHIER AND MORE EQUITABLE WORLD POWERED BY BEHAVIORAL ECONOMICS



At the University of Pennsylvania’s Center for Health Incentives & Behavioral Economics (CHIBE), researchers have conducted hundreds of impactful studies investigating how **behavioral science can improve health outcomes and reduce the disease burden from major public health problems.** Our work uses principles of economics and psychology to understand how individuals make decisions, and we use those insights to help people make choices that are consistent with their own long-term interests. Leveraging implementation science, CHIBE also tests ways to implement behavioral science interventions at scale.

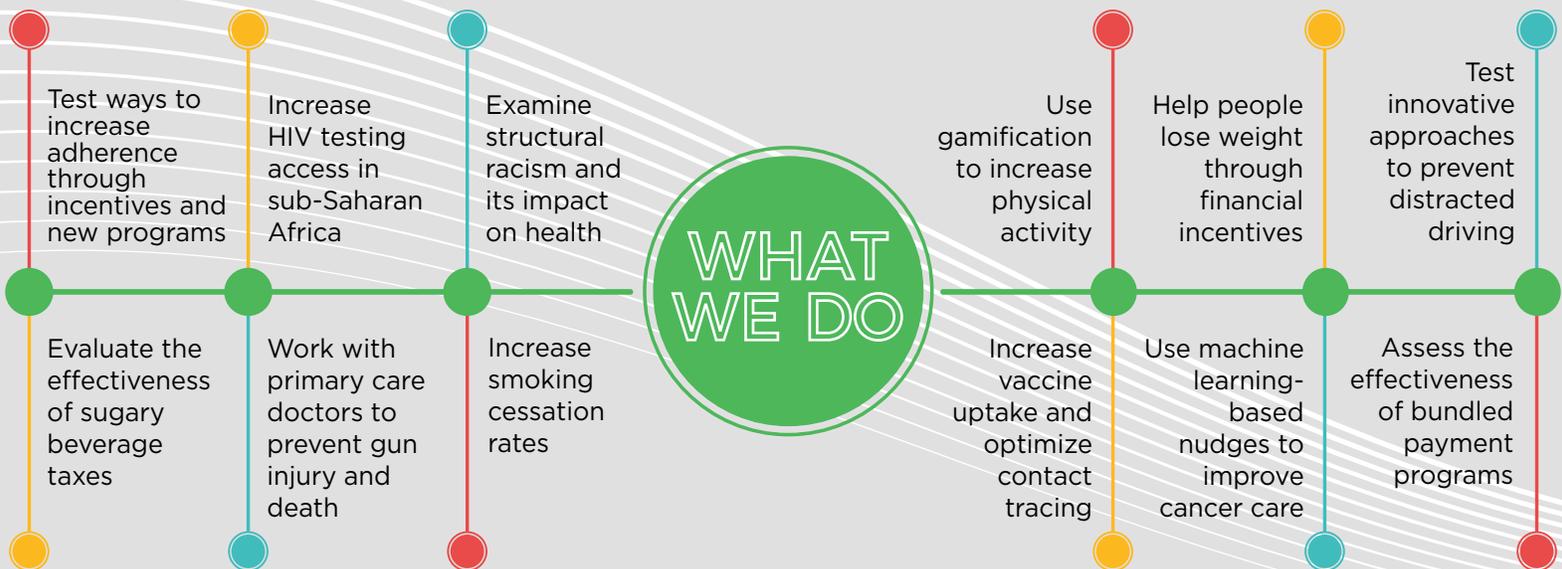
Since 2008, CHIBE has worked with dozens of private and public sector partners to develop and test scalable and cost-effective interventions that have improved the health of tens of millions of individuals. CHIBE and its affiliated faculty members from Penn and beyond help inform health policy, improve health care delivery, and increase healthy behavior.

CHIBE AT A GLANCE

100+ AFFILIATED FACULTY

1,002 2021 CHIBE-AUTHORED PUBLICATIONS

\$157 M EXTERNAL FUNDING FOR FISCAL YEAR 2021 PROJECTS



# OUR IMPACT



In addition to serving as experts informing the public through the media and publishing research in leading journals on topics



related to the COVID-19 pandemic, our faculty supported the response to COVID in a wide variety of ways including **servicing on NASEM committees for vaccine allocation, designing a vaccine lottery program for the City of Philadelphia, and testing enrollment strategies for the COVID Alert PA app.**



Our researchers helped provide important evidence on the effectiveness of sweetened beverage taxes on consumption of sugary beverages. Our researchers' work published in *JAMA* demonstrated that **Philadelphia's 1.5-cent-per-ounce sweetened beverage tax led to a 38% drop in the sales of the taxed beverages.** These findings have informed national and international discussions about taxes and efforts to lower sweetened beverage consumption.

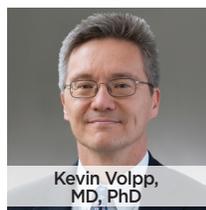
We've proven we can take behavioral science ideas to scale. After a small pilot study indicated that incentives can double smoking cessation program enrollment, our team conducted three large-scale trials, each published in *The New England Journal of Medicine*, that demonstrated a **tripling of smoking cessation rates in General Electric employees, CVS employees, and members of 54 other employers.** This led to benefit design changes at GE and CVS and **contributed to 44% of large employers now using incentives for smoking cessation.**



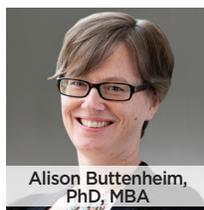
Since 2017, our team has provided guidance and conducted research to inform the roll-out of a new HMSA (Blue Cross Blue Shield of Hawaii) provider payment initiative that **shifted primary care provider payment from a fee-for-service model to a new value-based framework.** This payment model, which incentivizes providers for both efficiency and effectiveness, has now been implemented throughout most of the state of Hawaii.

## CHIBE

### FACULTY LEADERSHIP



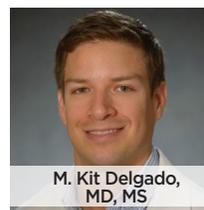
Kevin Volpp,  
MD, PhD



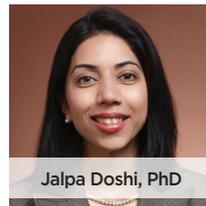
Alison Buttenheim,  
PhD, MBA



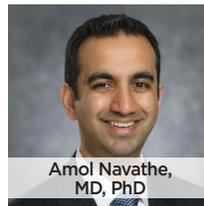
Rinad Beidas, PhD



M. Kit Delgado,  
MD, MS



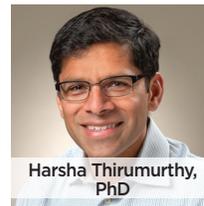
Jalpa Doshi, PhD



Amol Navathe,  
MD, PhD



Christina Roberto,  
PhD



Harsha Thirumurthy,  
PhD

If you'd like to partner with CHIBE, email us at [chibe@penmedicine.upenn.edu](mailto:chibe@penmedicine.upenn.edu)



Read CHIBE's FY 2020-21 Annual Report  
[chibe.upenn.edu](http://chibe.upenn.edu)  
[@PennCHIBE](https://twitter.com/PennCHIBE)