

*A Case to Support*

# **The Center for Vaccine Development and Global Health**

## **VACCINE RESEARCH SUITE**

# We Are a **CATALYST** FOR IMPROVING HUMAN HEALTH *in Maryland and Around the World*

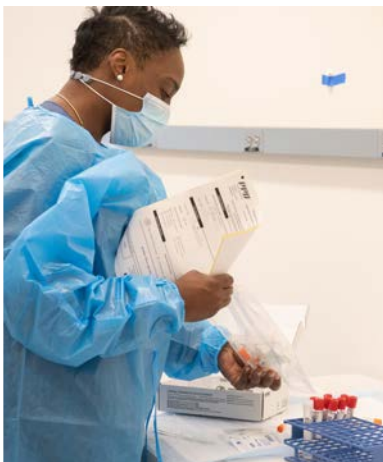


**Responding to an unprecedented global coronavirus pandemic, the Center for Vaccine Development and Global Health (CVD) is at the epicenter of the public health response. While holding multiple national and international leadership positions, CVD is leading clinical trials and research efforts to combat the deadly COVID-19 virus.**

CVD's vaccine research builds upon decades of expertise in conducting the most complex clinical trials and research, leading to regulatory approval and widespread availability of critical vaccines. Our researchers are working around the clock to provide rigorous, high quality data to inform licensure and use of a COVID-19 vaccine. Our COVID-19 response is informed by our prior experience with malaria, influenza, and water-borne illnesses impacting the world's most vulnerable populations.

## **Protecting Against Pandemics and the Deadliest Diseases**

For more than four decades, CVD has been working as an integral part of the National Institute for Allergy and Infectious Diseases Vaccine and Treatment Evaluation Network. Operating as one of ten sites in the United States, CVD provides key leadership, expertise, and infrastructure to respond quickly to global bio threats such as the novel SARS-CoV-2. CVD's research on COVID-19 spans the breadth of its expertise, and includes vaccine, treatment and prevention trials, as well as immunology, modeling, and epidemiologic research. CVD builds on its legacy of success in responding to previous critical public health issues such as the swine influenza pandemic in 2009, and outbreaks of avian influenza, Ebola virus disease, and Zika virus.

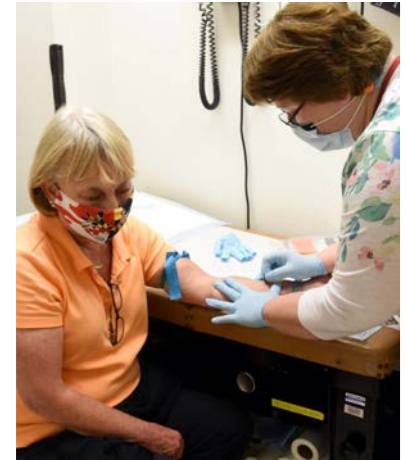


## **An Urgent Need to Accelerate Vaccines**

CVD is unique among academic research centers in having expertise in the full continuum of vaccine development activities, from the discovery and exploratory stages to the delivery and impact stages, with clinical trial activities as a critical bridge. CVD approaches vaccine development from the public health perspective, targeting the most important diseases and designing and advancing interventions that can impact even the most vulnerable populations. CVD researchers understand that vaccines have the power to save lives and ensure health equity.

# On the Forefront of **VACCINE** **RESEARCH**

This novel coronavirus has demonstrated the importance of CVD's work as a leading vaccine research and development team. A robust pipeline of promising SARS-CoV-2 vaccine candidates are undergoing clinical evaluation. **CVD is uniquely positioned in the race to find protection against this deadly disease through our experience, expertise, and extensive collaboration.**



-- CVD received more than \$50 million in grant funding in fiscal year 2020 to conduct a wide range of research on vaccines.

-- As part of the National Institutes of Health (NIH) network of sites, CVD is actively investigating COVID-19 therapies and unique COVID-19 vaccines. For example, we are currently directing trials of mRNA vaccines, and our investigators will lead a third national vaccine trial.

-- CVD plans to study crucial pediatric immunization as it relates to COVID-19 as well as the impact of influenza during the COVID-19 pandemic.

-- CVD faculty are working with underserved communities and older adults to ensure the inclusion of populations that have been severely impacted by this novel virus.

## **Opinion Leaders in the Field**

We are on the cusp of bringing an end to COVID-19 through our work. Our experts serve in strategic leadership roles, shaping COVID-19 policy across the country, including Maryland Governor Hogan's COVID-19 Task Force, the Administration's Operation Warp Speed, the Centers for Disease Control and Prevention's (CDC) Advisory Committee on Immunization Practices (ACIP), the American Academy of Pediatrics (AAP) Red Book Committee on Infectious

Diseases, and the World Health Organization's (WHO) Strategic Advisory Group of Experts on Immunization (SAGE).



The technology we are investigating will set the path for future innovations in an ever-changing, globally connected world vulnerable to emerging pathogens. Unfortunately, most grants we receive are restricted and do not cover the infrastructure and space needed for the expansion of staff as we embark on additional COVID-19 research, while ensuring that our investigation into other lifesaving vaccines is not adversely impacted. **The new state-of-the-art 4,000 square foot clinical trials facility will include six examination rooms, increased laboratory space, and an expanded area for education and training.**

# The Center for Vaccine Development and Global Health

## VACCINE RESEARCH SUITE

In order to advance this critical work, further accelerate the robust research enterprise, and elevate its national and international profile, we need your support. Your philanthropic commitment will enhance our ability to renovate and expand the physical space needed to conduct vital research on COVID-19 and to continue our important work against other public health threats.

Our CVD experts have been positioned in major news outlets and programs around the world, including *The New York Times*, *The Atlantic*, *Forbes*, *Wall Street Journal*, *Washington Post*, *NBC National News*, *CNN*, *MSNBC*, and *ABC News*. As a donor, your gift will make an impact and you will become affiliated with a world-renowned research center recognized in numerous media outlets, most recently for setting the path for global vaccine policy that helped reduce some of the leading causes of mortality.

In the face of this current COVID-19 pandemic, the pace of research has intensified. As we race to discover therapies to treat and prevent this virus, we know that effective vaccines are well within reach. With your support of the **CVD Vaccine Research Suite** we can accelerate the pace of our work and reduce the amount of time it typically takes to bring vaccines from development to full licensure. Your contribution could help make the difference between the discovery of a breakthrough tomorrow, or one several years from now.

“Only a safe and efficacious vaccine can change the trajectory of this devastating pandemic. This pandemic highlights the roles of vaccines in preventing disease and death and ensuring health equity for all.”

Kathleen Neuzil, MD, MPH

*Myron M. Levine, MD, DTPH Professor in  
Vaccinology and Director, CVD*

### You Can Be the Catalyst

Our future success demands the exploration of pioneering vaccine clinical trials. It is essential that we have the physical space to conduct this research and to meet current and emergent needs. Your gift can be a catalyst to propel our research, and ultimately lead to a better understanding of diseases, more effective treatments, and targeted vaccines. The possibilities are incredible, and every day we are on the verge of exciting discoveries that will change the future of medicine in ways never imagined. **You can be a part of it.**

#### For more information on philanthropic opportunities contact:

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