

# Johns Hopkins Medicine's Response to the COVID-19 Pandemic



JOHNS HOPKINS  
M E D I C I N E

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August 3, 2021

## About Johns Hopkins Medicine

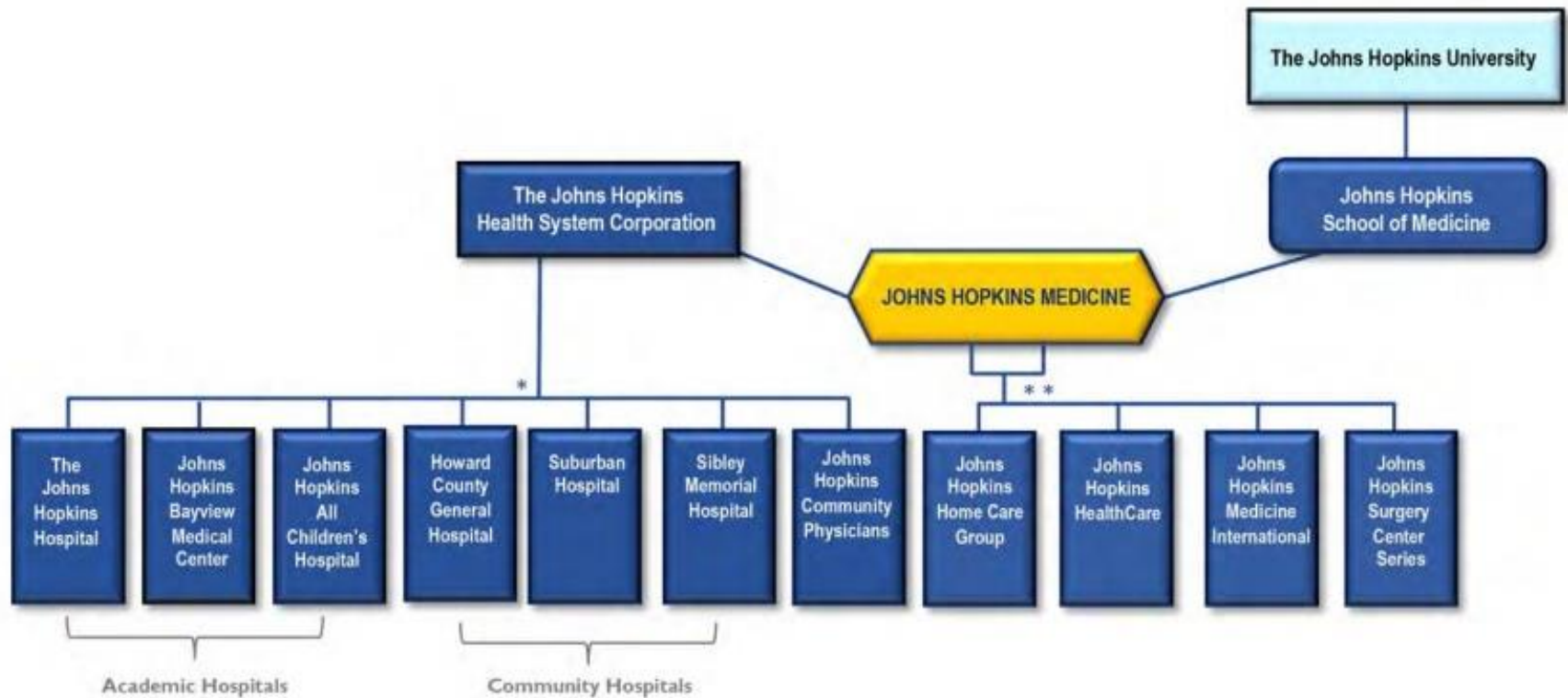


The Johns Hopkins Hospital opened in 1889, and the Johns Hopkins University School of Medicine opened four years later.

In 1986, the hospital trustees created The Johns Hopkins Health System Corporation to serve as the parent of the hospital and future subsidiary entities.

In 1996, the health system and the school of medicine joined together to become Johns Hopkins Medicine.

# Organization Structure



\* These entities are 100% owned by The Johns Hopkins Health System Corporation.

\*\* These entities are 50%/50% joint ventures between The Johns Hopkins Health System Corporation and The Johns Hopkins University.

- \$8.9 billion in operating revenues
- 40,000-plus full-time equivalent employees; among largest private employers in Maryland

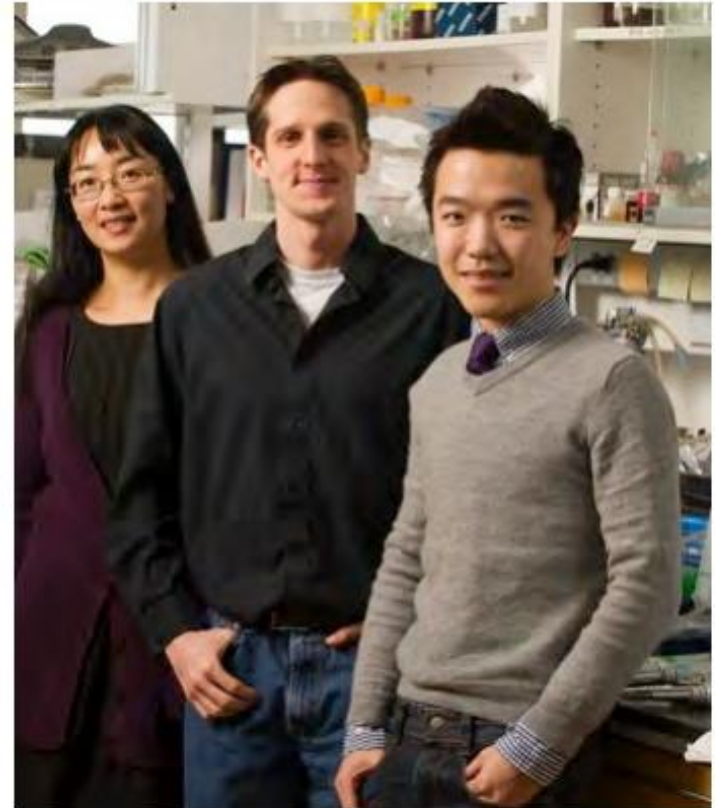


- 2.8 million-plus annual outpatient visits
- 324,600-plus annual emergency department visits
- 99,800-plus annual hospital admissions
- At over \$2 billion, The Johns Hopkins University is, for the 40th straight year, the leading U.S. academic institution in total research and development spending, according to the National Science Foundation's rankings.
- \$300-350 million annually in philanthropy



# Johns Hopkins University School of Medicine

- M.D./Ph.D. program—largest National Institutes of Health (NIH) medical science training program in the country
- M.D./M.P.H. and M.D./M.B.A. joint degree programs
- M.A. in medical and biological illustration
- Ranked third in NIH funding for U.S. medical schools (\$533.5 million)
- Medical and doctoral students: over 1,200
- Full-time faculty: over 3,200
- Part-time faculty: over 1,200



# Johns Hopkins Medicine International's Global Affiliations

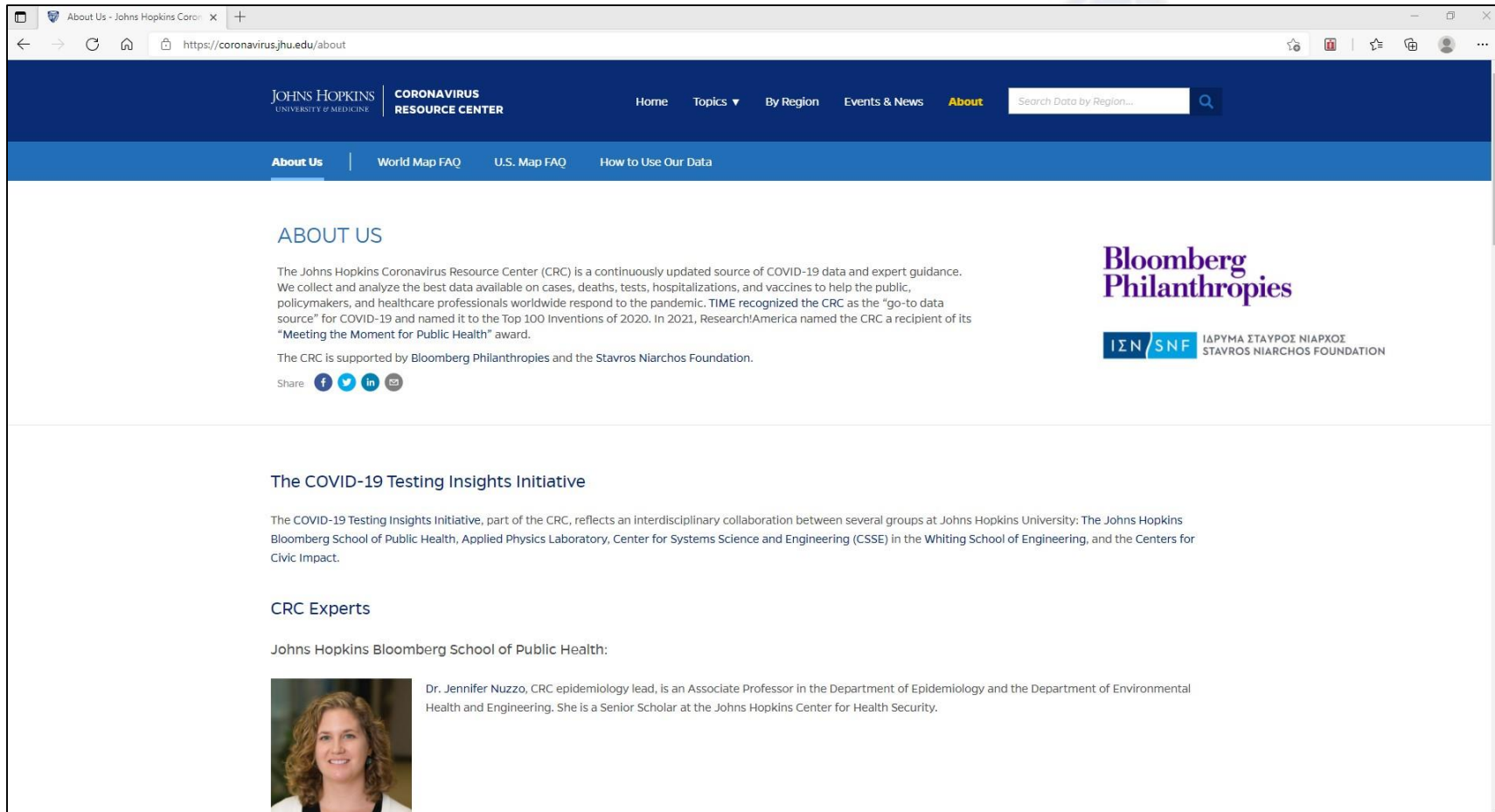


## Command Center





# COVID Resource Center website



The screenshot shows the 'About Us' page of the Johns Hopkins Coronavirus Resource Center. The website has a dark blue header with the Johns Hopkins University & Medicine logo and the 'CORONAVIRUS RESOURCE CENTER' title. Navigation links include Home, Topics, By Region, Events & News, and About. A search bar is present on the right. Below the header, a secondary navigation bar highlights 'About Us' and includes links for World Map FAQ, U.S. Map FAQ, and How to Use Our Data. The main content area features an 'ABOUT US' section with a paragraph describing the CRC as a continuously updated source of COVID-19 data and expert guidance. It mentions that the CRC is supported by Bloomberg Philanthropies and the Stavros Niarchos Foundation. To the right of this text are logos for Bloomberg Philanthropies and the Stavros Niarchos Foundation. Below the 'ABOUT US' section is a section titled 'The COVID-19 Testing Insights Initiative' which describes an interdisciplinary collaboration. Further down is a 'CRC Experts' section, which includes a portrait of Dr. Jennifer Nuzzo and a brief biography of her role as CRC epidemiology lead.

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Home Topics By Region Events & News About Search Data by Region...

About Us | World Map FAQ U.S. Map FAQ How to Use Our Data

## ABOUT US

The Johns Hopkins Coronavirus Resource Center (CRC) is a continuously updated source of COVID-19 data and expert guidance. We collect and analyze the best data available on cases, deaths, tests, hospitalizations, and vaccines to help the public, policymakers, and healthcare professionals worldwide respond to the pandemic. TIME recognized the CRC as the "go-to data source" for COVID-19 and named it to the Top 100 Inventions of 2020. In 2021, Research!America named the CRC a recipient of its "Meeting the Moment for Public Health" award.

The CRC is supported by Bloomberg Philanthropies and the Stavros Niarchos Foundation.


Share    

## The COVID-19 Testing Insights Initiative

The COVID-19 Testing Insights Initiative, part of the CRC, reflects an interdisciplinary collaboration between several groups at Johns Hopkins University: The Johns Hopkins Bloomberg School of Public Health, Applied Physics Laboratory, Center for Systems Science and Engineering (CSSE) in the Whiting School of Engineering, and the Centers for Civic Impact.

## CRC Experts

Johns Hopkins Bloomberg School of Public Health:



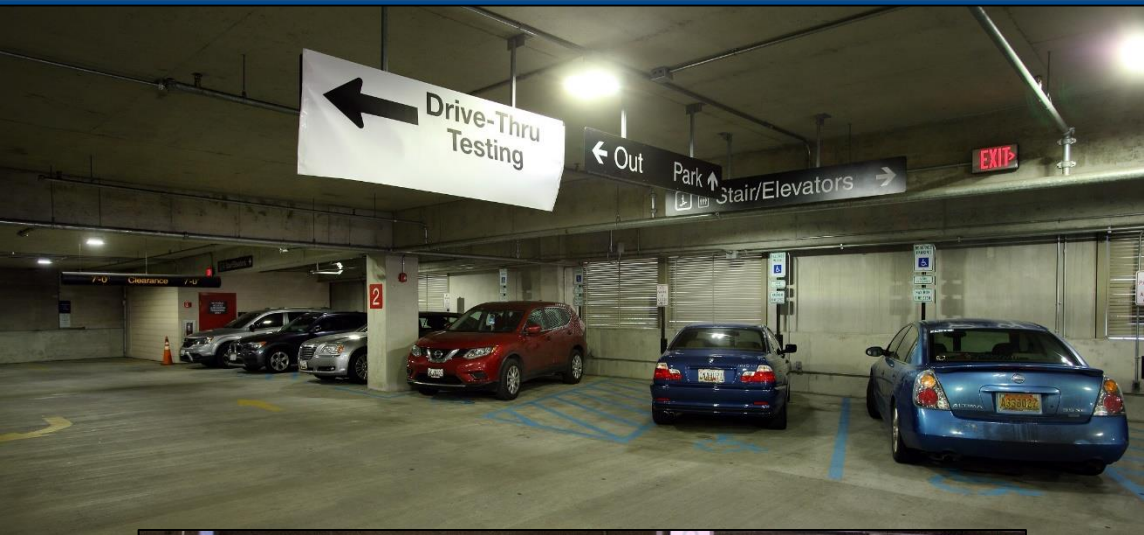
Dr. Jennifer Nuzzo, CRC epidemiology lead, is an Associate Professor in the Department of Epidemiology and the Department of Environmental Health and Engineering. She is a Senior Scholar at the Johns Hopkins Center for Health Security.



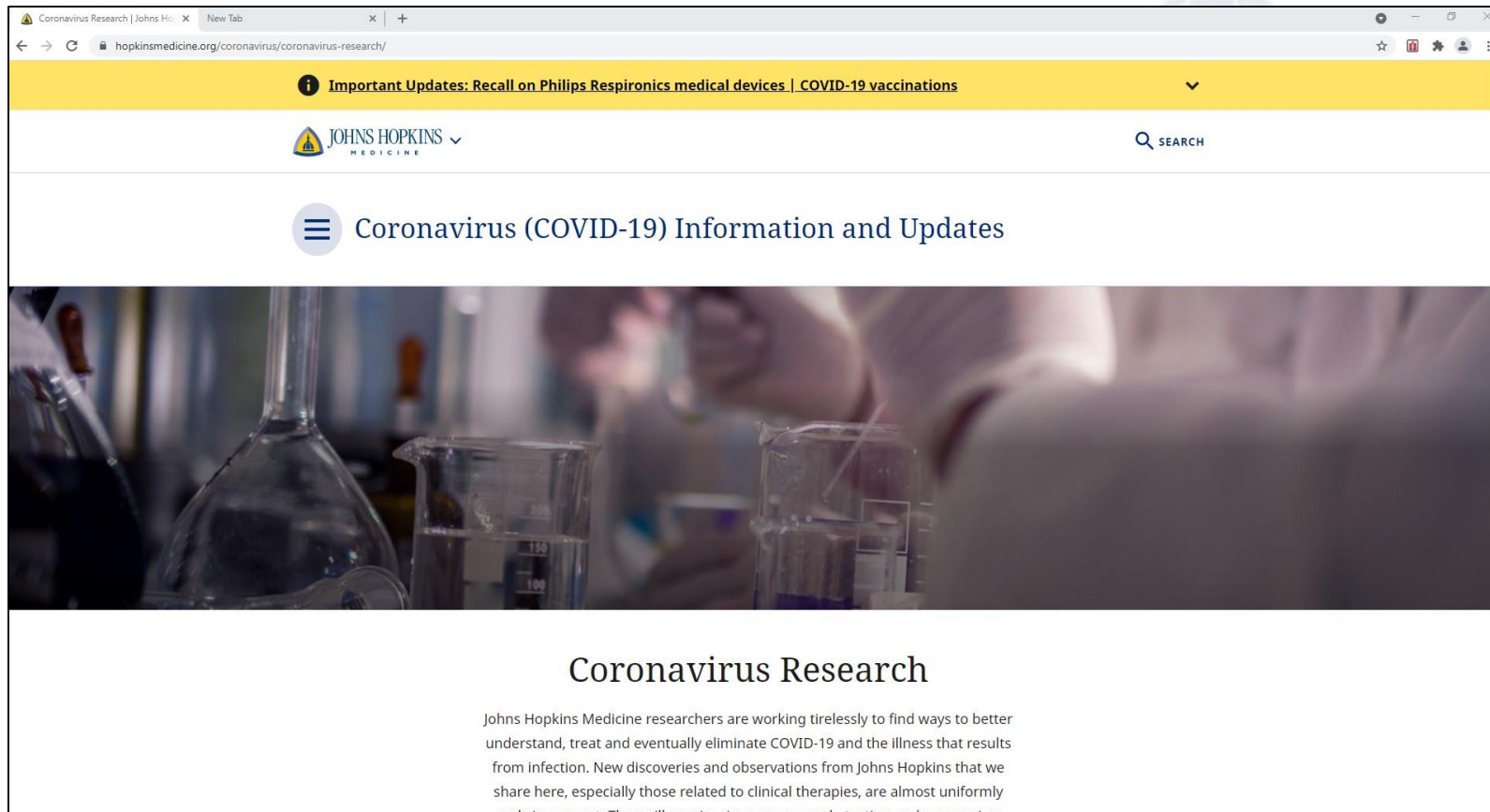
# COVID Resource Center website, cont.



## Testing



# Research



The screenshot shows a web browser displaying the Johns Hopkins Medicine Coronavirus Research page. The browser's address bar shows the URL [hopkinsmedicine.org/coronavirus/coronavirus-research/](https://www.hopkinsmedicine.org/coronavirus/coronavirus-research/). A yellow banner at the top contains the text "Important Updates: Recall on Philips Respironics medical devices | COVID-19 vaccinations". Below this is the Johns Hopkins Medicine logo and a search bar. A large blue button with a hamburger menu icon and the text "Coronavirus (COVID-19) Information and Updates" is visible. The main content area features a blurred image of a laboratory with glassware and a person working. Below the image, the heading "Coronavirus Research" is followed by a paragraph: "Johns Hopkins Medicine researchers are working tirelessly to find ways to better understand, treat and eventually eliminate COVID-19 and the illness that results from infection. New discoveries and observations from Johns Hopkins that we share here, especially those related to clinical therapies, are almost uniformly..."

<https://www.hopkinsmedicine.org/coronavirus/coronavirus-research/>



## Supply Chain





# Managing as a health system

## Hospital Epidemiology and Infection Control Situation Report

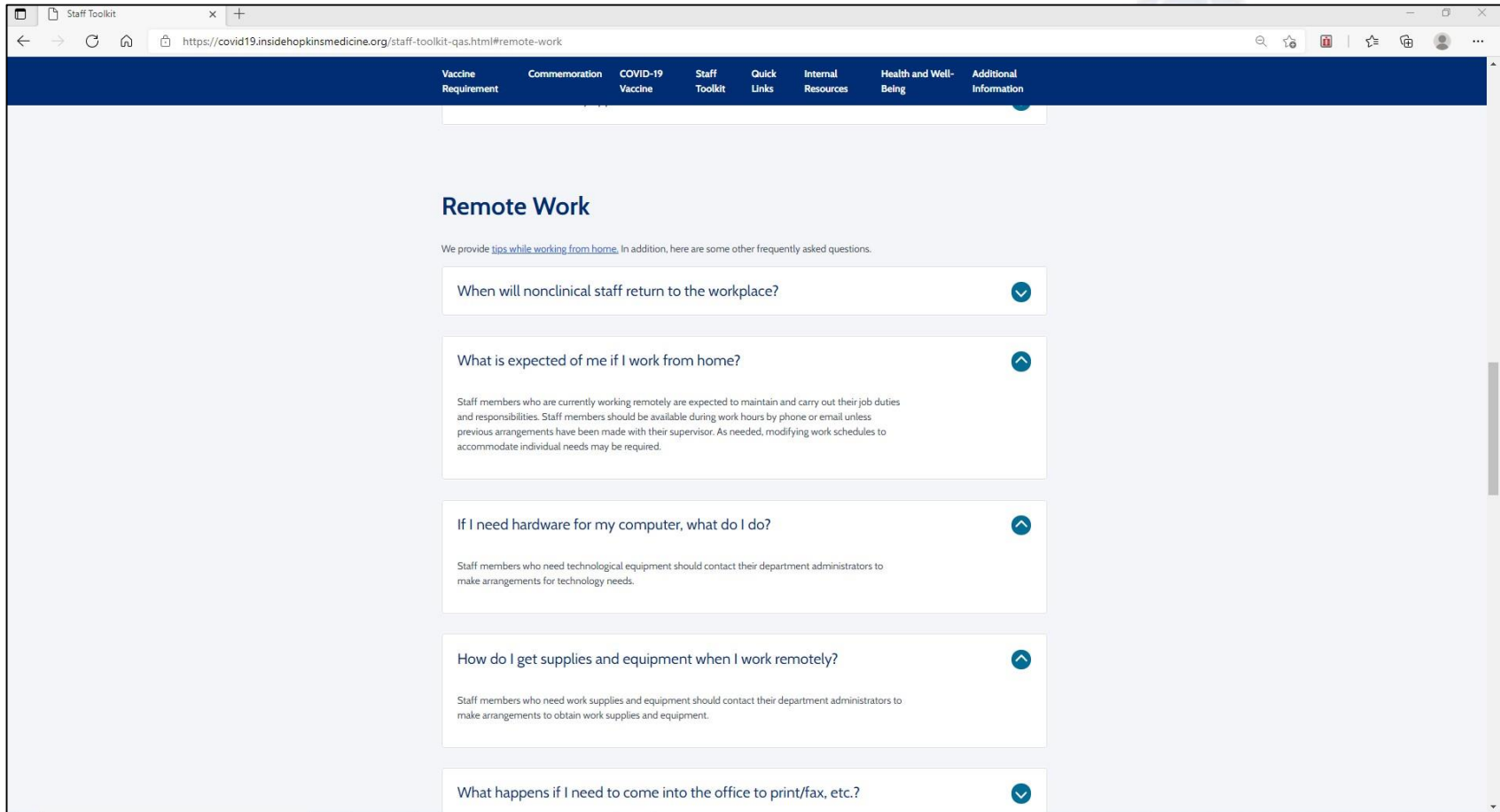
COVID-19 Patients at Johns Hopkins Medicine		
Location	Cumulative # of Confirmed COVID-19 Patients Tested, 03/09/2020 – 7/26/2021	Current # of Confirmed Patients with InPatient Admission*, 7/26/2021, 9:33 p.m.
Johns Hopkins Hospital	6,768	27
Johns Hopkins Bayview Medical Center	2,349	8
Howard County General Hospital	4,225	8
Suburban Hospital	2,170	1
Sibley Memorial Hospital	1,735	1
Johns Hopkins All Children's Hospital	683	11
Ambulatory & Other**	5,268	N/A
Johns Hopkins Medicine Total	23,198	56

\*The total number of positive patients with inpatient admission in the respective location at the time of admission. This includes patients tested at outside facilities and currently being treated at Johns Hopkins.

\*\*Ambulatory & Other category includes orders placed at all ambulatory settings and tent locations that are not associated with an acute care hospital location. Other locations include any other Hopkins-owned entity that does not fall into one of the defined acute care locations.

++As of Jan. 5, 2021, our data reporting method has changed. The reported numbers now include patients currently on isolation precautions for COVID-19, as well as patients who are hospitalized but who no longer require isolation precautions.

# Hybrid on-campus/remote working decision



The screenshot shows a web browser window displaying the 'Staff Toolkit' page. The URL in the address bar is <https://covid19.insidehopkinsmedicine.org/staff-toolkit-qas.html#remote-work>. The page has a dark blue header with navigation links: Vaccine Requirement, Commemoration, COVID-19 Vaccine, Staff Toolkit, Quick Links, Internal Resources, Health and Well-Being, and Additional Information. The main content area is titled 'Remote Work' and includes a sub-header: 'We provide [tips while working from home](#). In addition, here are some other frequently asked questions.' Below this, there are five FAQ items, each in a white box with a blue arrow icon on the right:

- When will nonclinical staff return to the workplace?**
- What is expected of me if I work from home?**  
Staff members who are currently working remotely are expected to maintain and carry out their job duties and responsibilities. Staff members should be available during work hours by phone or email unless previous arrangements have been made with their supervisor. As needed, modifying work schedules to accommodate individual needs may be required.
- If I need hardware for my computer, what do I do?**  
Staff members who need technological equipment should contact their department administrators to make arrangements for technology needs.
- How do I get supplies and equipment when I work remotely?**  
Staff members who need work supplies and equipment should contact their department administrators to make arrangements to obtain work supplies and equipment.
- What happens if I need to come into the office to print/fax, etc.?**

## Lock-down measures/restrictions – Patient and Visitor Measures





## Outpatient Care Partner Visitation Guidelines: Based on Levels of COVID-19 Risk

Offer use of virtual options to communicate with care partners if presence is restricted.	LEVEL GREEN: LOWER RISK (COVID-19 STILL PRESENT IN COMMUNITY)	LEVEL YELLOW: MEDIUM RISK (COVID-19 STILL PRESENT IN COMMUNITY)	LEVEL RED: HIGHER RISK	LEVEL CRITICAL: HIGHEST RISK
Ambulatory Surgery Centers, Hospital-based Same Day Surgery	<ul style="list-style-type: none"><li>Up to 2 care partners are welcome, provided there is enough space for physical distancing.</li><li>1 care partner may be with the patient in the prep and recovery areas, provided there is enough space for physical distancing.</li></ul>	<ul style="list-style-type: none"><li>1 care partner can be with the patient until patient is taken into prep, provided there is enough space for physical distancing.</li><li>The care partner may wait in the waiting room, provided there is enough space for physical distancing.</li><li>1 care partner can be with the patient in recovery, provided there is enough space for physical distancing.</li></ul>	<ul style="list-style-type: none"><li>1 care partner may accompany patient to check-in then must leave</li></ul>	
Outpatient OB/GYN, Maternal Fetal Medicine, Fetal Assessment, Fetal Therapy, or Perinatal Ultrasound	<ul style="list-style-type: none"><li>Up to 2 care partners may accompany patient throughout the visit, including in waiting areas.</li></ul>	<ul style="list-style-type: none"><li>1 care partner may accompany patient throughout the visit, including in waitin areas.</li></ul>		<ul style="list-style-type: none"><li>No care partner except for designated exception</li></ul>
Outpatient Cancer Center Clinics, Infusion Suites*	<ul style="list-style-type: none"><li>Up to 2 care partners may accompany patient throughout the visit, including in waiting areas.</li><li>*For infusion suites where there may not be enough space to accommodate a care partner: 1 care partner may accompany patient to and from the patient’s space in the infusion suite and wait in the waiting room during the infusion.</li></ul>	<ul style="list-style-type: none"><li>1 care partner may accompany patient throughout the visit, including in waiting areas.</li><li>*For infusion suites where there may not be enough space to accommodate a care partner: 1 care partner may accompany patient to and from the patient’s space in the infusion suite and wait in the waiting room during the infusion.</li></ul>		<ul style="list-style-type: none"><li>No care partner except for designated exception</li><li>1 care partner may assist vulnerable patients with transport to and from clinic or infusion suite but must wait outside of clinic area during visit.</li></ul>
All Other Adult Clinics	<ul style="list-style-type: none"><li>Up to 2 care partners may accompany patient throughout the visit, including in waiting areas, provided there is enough space.</li></ul>	<ul style="list-style-type: none"><li>1 care partner may accompany patient throughout the visit, including in waiting areas.</li></ul>		<ul style="list-style-type: none"><li>No care partner except for designated exception</li><li>1 care partner may assist vulnerable patients with transport to and from clinic but must wait outside of clinic area during visit</li></ul>
Pediatric Clinics	<ul style="list-style-type: none"><li>Up to 2 family members (adults or siblings) may accompany a patient to an outpatient visit, depending on space availability in each clinic.</li></ul>	<ul style="list-style-type: none"><li>Up to 2 care partners; no one else (including siblings) may accompany the care partner(s) and patient to the visit</li></ul>		

**FOR ALL LEVELS AND CIRCUMSTANCES, INFECTION CONTROL GUIDELINES MUST BE FOLLOWED FOR SCREENING, MASKING, PHYSICAL DISTANCING, AND HAND WASHING/SANITIZING, EVEN IF THE CARE PARTNER IS VACCINATED FOR COVID-19**

Risk level indicator notes:

- Assessments made at state and metro (if available) or county level. Indicator source: COVID Act Now; <https://covidactnow.org/>
- Johns Hopkins Medicine retains the right to discontinue visitation at any time if it is deemed necessary for the safety of patients and staff.

**In risk levels where no care partner is permitted, a patient with a disability may always have one care partner with them in the clinic, and two care partners may be identified so they can take turns being with the patient.**



## Lock-down measures/restrictions, cont. – Employee Measures

### Health Check

Do you currently have any of these symptoms: **fever, cough, sore throat, shortness of breath, acute loss of taste or smell, headache, diarrhea/vomiting, new fatigue/muscle aches or runny nose/congestion** that ***began*** in the last 72 hours?

Yes

No

### Resources

[Johns Hopkins University Coronavirus Information](#)  
[Johns Hopkins Medicine COVID-19 Resource Portal](#)  
[Accessibility](#)

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### Health Check

JHED ID: [REDACTED]

Do you currently have any of these symptoms: **fever, cough, sore throat, shortness of breath, acute loss of taste or smell, headache, diarrhea/vomiting, new fatigue/muscle aches or runny nose/congestion** that ***began*** in the last 72 hours?

Yes

No

### Resources

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[Accessibility](#)

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### Campus Pass

Expires 07/29/2021 at 4:38 am

[REDACTED] your campus access is approved.



Settings



## Help slow the spread of COVID-19

### Required To Do



#### COVID Health Check

Complete every 12 hours before arriving and while on campus.



#### COVID Vaccine Documented



### Resources

[Johns Hopkins University Coronavirus Information](#)

## Masking and Social Distancing



## Impact to elective cases; Ramping up telemedicine capabilities



# Communicating with Employees



The screenshot shows a web browser window displaying the "COVID-19 Internal Resource Portal" for Johns Hopkins Medicine. The browser's address bar shows the URL <https://covid19.insidehopkinsmedicine.org>. The page features a dark blue header with the Johns Hopkins Medicine logo and the text "COVID-19 Internal Resource Portal". Below the header, the main title "COVID-19 Internal Resource Portal" is prominently displayed in white, followed by the subtitle "Key resources and frequent updates for the Johns Hopkins Medicine community." A horizontal navigation bar contains links for "Vaccine Requirement", "Commemoration", "COVID-19 Vaccine", "Staff Toolkit", "Quick Links", "Internal Resources", "Health and Well-Being", and "Additional Information". The main content area is titled "COVID-19 Vaccine Requirement" and contains a paragraph explaining the vaccination requirement for all personnel. It also lists deadlines: "Aug. 1: Managers and above must be fully vaccinated. Sept. 1: All other JHM personnel must be vaccinated." Below this text is a "Vaccine Management System" section with a blue button labeled "Vaccine Management System" and a small icon.

COVID-19 Internal Resource Portal

Key resources and frequent updates for the Johns Hopkins Medicine community.

Vaccine Requirement Commemoration COVID-19 Vaccine Staff Toolkit Quick Links Internal Resources Health and Well-Being Additional Information

## COVID-19 Vaccine Requirement

To continue to protect the health and safety of our patients, our workforce and the communities we serve, the Johns Hopkins Health System will require all personnel to be fully vaccinated. The Health System's COVID-19 Vaccination requirement applies to all Johns Hopkins Health System employees and School of Medicine faculty, staff, residents and postdoctoral fellows working in clinical departments.

**Deadlines:** Aug. 1: Managers and above must be fully vaccinated. Sept. 1: All other JHM personnel must be vaccinated.

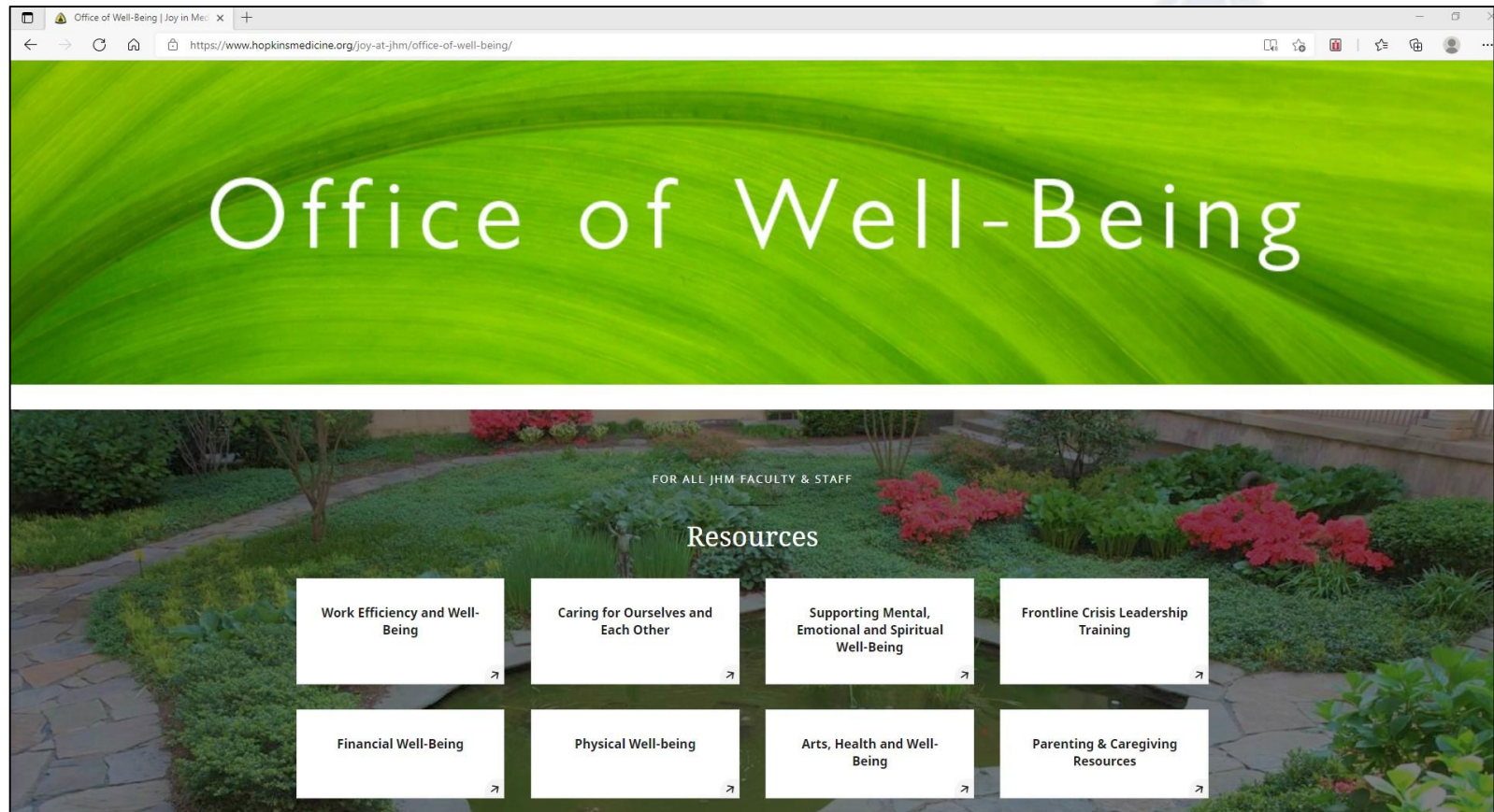
### Vaccine Management System

Vaccine Management System

The Johns Hopkins Medicine Covid-19 Internal Resource Portal



## Support for Physicians and Staff



# Baltimore Area COVID-19 Public Private Taskforce

City of Baltimore

CareFirst, Johns Hopkins Medicine, & University of Maryland Medical System



## Protecting Vulnerable Populations



- Special strategies for seniors
- Culturally competent strategies for especially impacted minority populations
- Care for individuals and families experiencing homelessness



## Baltimore Convention Center Field Hospital





## Mass Vaccination



## Employee Vaccination





## Applying what we have learned





**Thank you**