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PITTSBURGH 2023

RUSH's Climate Resilience Journey

Building a Foundation, Bridges, and Lenses

Presented by

Health Care Without Harm

PRACTICE Greenhealth

Rush University System for Health

Our Foundation

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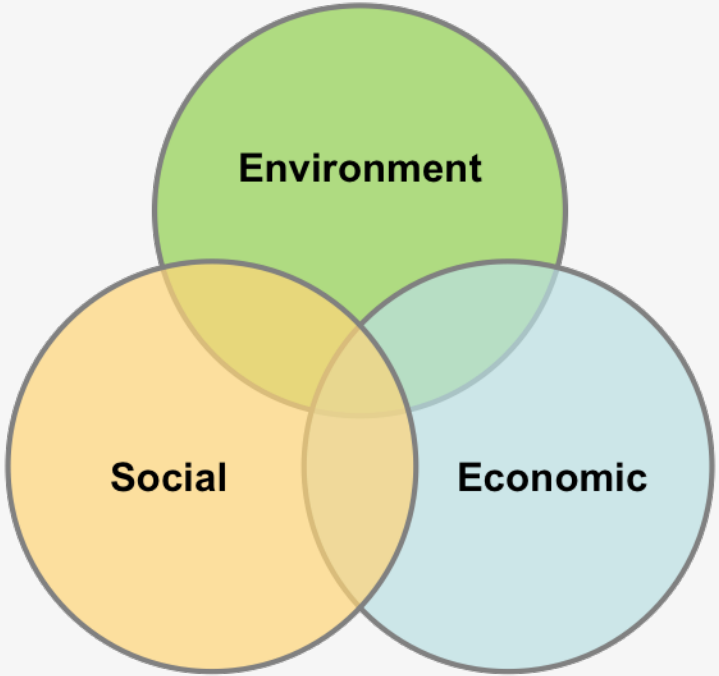
Sustainability At Rush



Environmental Sustainability Team (EST)

Climate Change	Reduce Waste	Efficient Utilities	Supply Chain	Engage/Educate
Decrease Rush's direct and indirect GHG contributions through active emissions tracking, analysis, and targeted reduction projects.	Utilize a systemic, data driven approach to rethink waste, increase waste avoidance, and enhance landfill diversion efforts at Rush.	Decrease our campus resource (electricity, natural gas, steam, water) consumption and costs through identifying, exploring, and implementing utilities efficiency projects.	Reach upstream of onsite operations to infuse our procurement process with intentional and environmentally responsible best practices that positively influence the largest contributor to our environmental footprint.	Inspire Rush staff, students, and visitors to actively support our sustainability efforts and explore new projects through storytelling, sharing best practices, and hosting volunteer opportunities.

Mission: To measure, manage, and minimize RUMC's environmental footprint.

Rush Environmental Sustainability Team

December 2022

Community/Social Sphere

- Community Health Equity and Engagement (CHEE)
- Anchor Mission Team
- DE&I Team
- Community Social Workers
- Rush BMO Institute for Health Equity
- West Side United
- Rush Education and Career Hub (REACH)
- Rush School-Based Health Centers
- Rush Community Service Initiatives Program (RCSIP)

Diversity Strengthens Us

Diversity, Equity and Inclusion at Rush University System for Health

RUSH

Food Is Medicine

Veggie Rx

By the Numbers

16yrs
Life expectancy gap between residents of Chicago's Loop and the West Garfield Park neighborhood

600,000
West Side residents Rush is committed to serve

$6million
Invested by Rush in West Side community-based organizations and projects since 2018

Working to Achieve Health Equity

Rush Education and Career Hub (REACH) ►

Rush Education and Career Hub supports education from cradle to career by providing innovative, hands-on STEM learning to underrepresented youth so they can reach their academic and professional potential.

Learn More ►

Rush School-Based Health Centers ►

For over 20 years, Rush University Medical Center has provided vital and necessary health care services through school-based health centers in Chicago public schools located in underserved neighborhoods.

Learn more ►

Rush's Anchor Mission Strategy ►

As an anchor institution on the West Side of Chicago, Rush University Medical Center has a responsibility to use its economic power to bring systemic change.

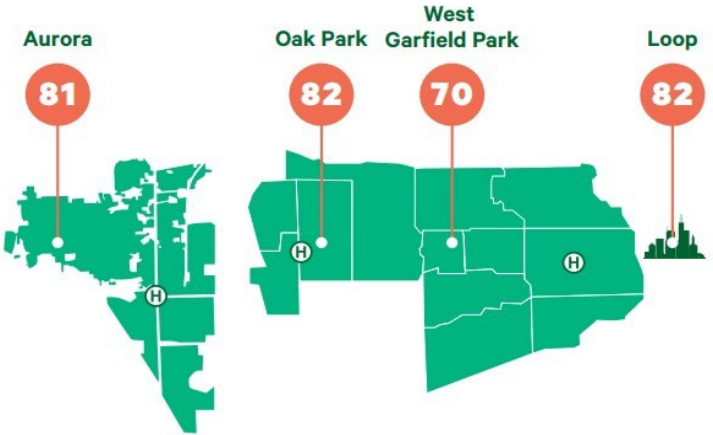
Learn More ►

Rush Community Service Initiatives Program (RCSIP) ►

The Rush Community Service Initiatives Program offers Rush University students, faculty, residents, fellows and staff an opportunity to use their distinct skills and talents to make a difference in our community and beyond.

Events Requests and Support ►

RUSH connects with the communities we serve by partnering, hosting and participating in health fairs and community events. If you are interested in having RUSH participate in your event, please review our linked surveys.



Life Expectancy (Years) at Birth by Neighborhood

WEST SIDE UNITED: Building Blocks to Better Health

1,405
mental health visits provided

Children and adolescents served:
768

539 phone calls made to SBHC families to **screen for social determinants of health**

1,702
students and adults reached through sexual health education programming

122
teen pregnancies prevented through family planning services

20,000
people received **free, healthy food** distributed by Rush employee volunteers

Bridge Building

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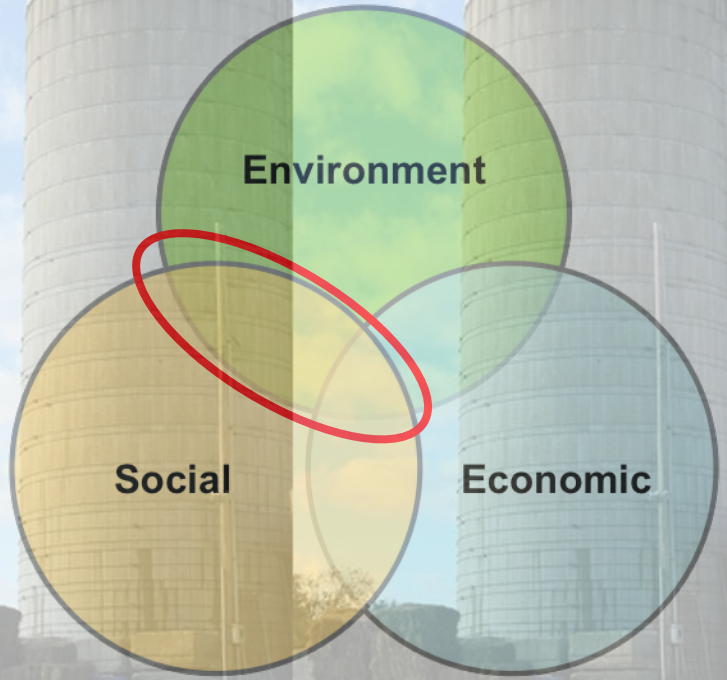
Sustainability At Rush



The Spark

Healthcare Anchor Network Impact Purchasing Commitment

HEALTHCARE ANCHOR NETWORK

Health Care Without Harm

PRACTICE Greenhealth

Core Sustainability Goals

Choose four goals from the two categories: Climate Mitigation and Environmentally Preferable Purchasing. By August 1, 2021, select at least one goal from each category; each goal will be achieved by FY2025.

Climate Mitigation	Environmentally Preferable Purchasing
Renewable Electricity Increasing renewable electricity procurement to one of the four levels: 25% by FY2025, 50% by FY2025, 75% by FY 2025, or 100% by FY2025.	Furniture and Furnishings Ensure that 30 percent of the annual furnishings and furniture purchases (based on cost) eliminate the use of priority chemicals of concern by FY2025
Transportation Emissions When purchasing new fleet vehicles, by FY2025 at least 50% must be alternative fuel vehicles; and include criteria to become an EPA SmartWay partner for top 10 suppliers/ distributors/ carriers (by annual expenditure).	PVC and DEHP Eliminate both PVC and DEHP from at least 2 of 8 priority medical product categories (see Part III: Definitions) by FY2025.
Anesthetic Gas: Qualifier: Has desflurane been removed from the formulary? If yes: Reduce GHG emissions specific to anesthetic gas by 5% from FY2020 If no: Reduce GHG emissions specific to anesthetic gas by 50% from FY2020	Sustainable Food Achieve 20 percent of total food purchases meeting sustainable criteria by FY2025 (measure=dollars).
	Greening the OR: Reduce single-use, disposable products to reusable products Transition single-use, disposable products to reusable products in 5 of the 10 supply categories on the checklist (see Part III: Definitions) by FY2025. The goal is qualitative by identifying which are transitioned from disposable to reusable.

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HHS Climate Pledge

RUSH Attends White House Roundtable on Climate Change

RUSH accepted challenge to reduce greenhouse gas emissions by 50% by 2030

Rush Content Hub — RUSH Attends White House Roundtable on Climate Change

Public Health June 30, 2022

RUSH University System for Health participated in a White House roundtable discussion on health sector actions to tackle climate change on Thursday, June 30. RUSH accepted the U.S. Department of Health and Human Services' (HHS) challenge and signed a pledge to reduce greenhouse gas

RUSH Joins National Pledge to Decarbonize Health Care Sector, Make Facilities Resilient

RUSH leadership recognized by Biden Administration officials at COP27

RUSH Stories — RUSH Joins National Pledge to Decarbonize Health Care Sector, Make Facilities Resilient

Awards, Rankings and Recognitions November 10, 2022

Find a Doctor

Find a Location

Make an Appointment

Sign Up for Our E-Newsletters!

Unifying Efforts Pilot

“The RUSH Commitment”

To achieve the RUSH mission of improving the health of the individuals and diverse communities we serve through the integration of outstanding patient care, education, research and community partnerships,

there are initiatives being pursued across RUSH to meaningfully address social and environmental determinants of health, however:

without a collaborative platform, leaders are often unaware of each others’ work – leading to silos, redundancy and less optimization of efforts.

At a time when RUSH needs to ensure maximization of investments, we are risking under-powering our impact.

Treasury / Finance	Enterprise Risk Management / ESG	Environmental Sustainability Initiatives	Clinical and Operational Initiatives	Anchor Mission & Community Engagement Initiatives	Center for Health Equity & Engagement	Strategic Equity Initiatives	University Initiatives

New Lenses

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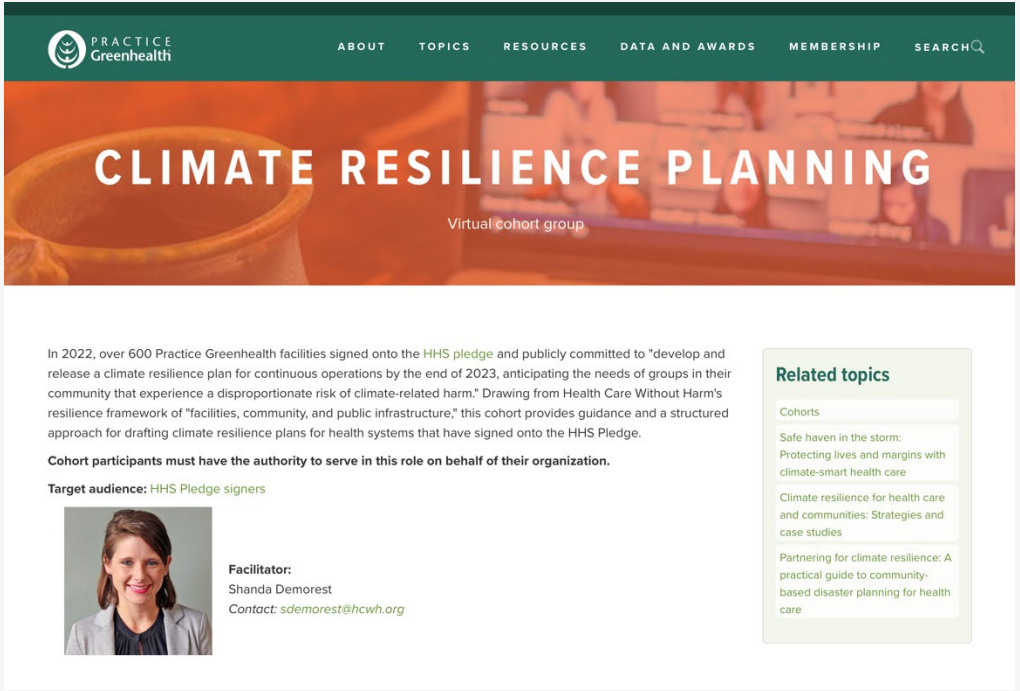
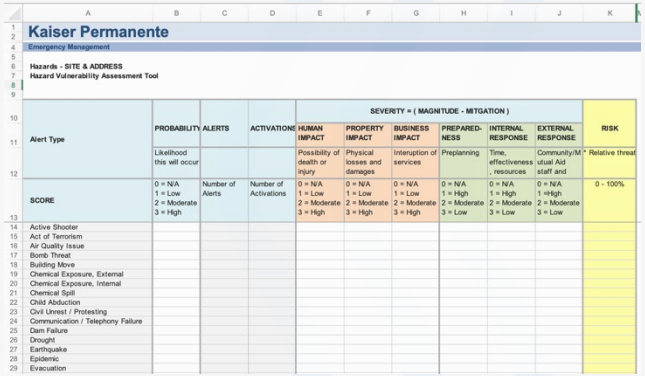
PGH/HCWH Climate Resilience Planning Cohort



- Focus Areas:
  - Emergency Preparedness
  - Facilities
  - Community Health
  - Public Infrastructure

Emergency Preparedness



Kaiser Permanente

Emergency Management

Hazards - SITE & ADDRESS
Hazard Vulnerability Assessment Tool

Alert Type	PROBABILITY	ALERTS	ACTIVATIONS	SEVERITY = (MAGNITUDE - MITGATION) HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	PREPARED-NESS	INTERNAL RESPONSE	EXTERNAL RESPONSE	RISK
	Likelihood this will occur			Possibility of death or injury	Physical losses and damages	Interuption of services	Preplanning	Time, effectiveness , resources	Community/M* utual Aid staff and	Relative threat
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	Number of Alerts	Number of Activations	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = High 2 = Moderate 3 = Low	0 = N/A 1 = High 2 = Moderate 3 = Low	0 = N/A 1 =High 2 = Moderate 3 = Low	0 - 100%
Active Shooter										
Act of Terrorism										
Air Quality Issue										
Bomb Threat										
Building Move										
Chemical Exposure, External										
Chemical Exposure, Internal										
Chemical Spill										
Child Abduction										
Civil Unrest / Protesting										
Communication / Telephony Failure										
Dam Failure										
Drought										
Earthquake										
Epidemic										
Evacuation										

- Partners:
  - Emergency Management Program
- Tools/Reports:
  - Hazard Vulnerability Assessment
  - Emergency Operations Plan
- Wins:
  - EST on Emergency Management Committee
  - Reviewing and Suggesting EOP/HVA Updates

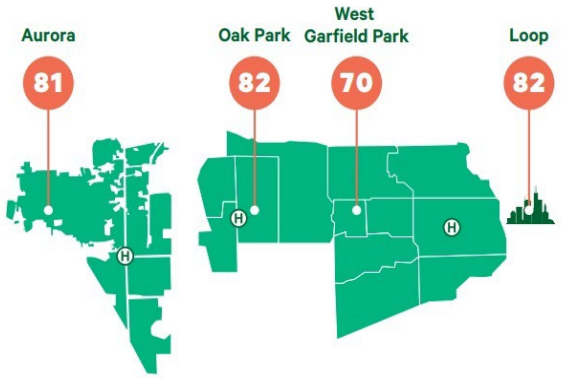
Facility Resilience

- Partners:
  - RUSH Enterprise Risk Management
  - Facilities/Operations Staff
- Tools/Reports:
  - Facilities and Equipment Risk Register
  - US Climate Resilient Health Care Facilities Toolkit
- Wins:
  - Facilities & Equipment Domain ERM meetings/risk register

U.S. Climate Resilience Toolkit

Community Health Resilience

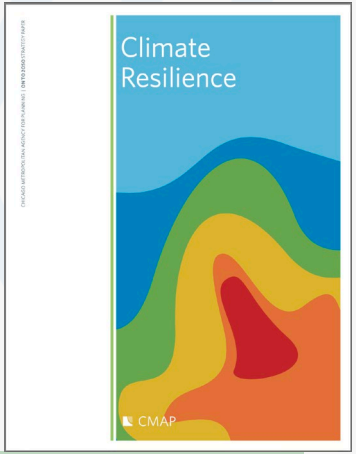
- Partners:
  - RUSH Community Health Teams
  - Community-Based Orgs
  - West Side United
- Tools/Reports:
  - RUSH community health equity, Anchor Mission reports, etc



Life Expectancy (Years) at Birth by Neighborhood

Public Infrastructure Resilience

- Partners:
  - RUSH Government Affairs
  - City of Chicago/Cook County
  - Local Community/Advocacy Orgs
- Tools/Reports:
  - TBD



Climate Resilience Planning – Next Steps

- Expand Discussions Internally/Identify Opportunities:
  - The RUSH Commitment
  - Procurement
  - Capital Projects/New Construction
- Community Resilience Workshop – September
- Build a Resilience Plan/Overview.

Thank you!
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