Prioritizing housing design as a key strategy to combat diseases around the world
THE DECLARATION OF HUMAN RIGHTS [1948], ARTICLE 25.1 STATES THAT ADEQUATE HOUSING IS A HUMAN RIGHT AND IS A CRITICAL COMPONENT OF PEOPLE'S HEALTH AND WELL-BEING.
MISSION

ARCHIVE Global (Architecture for Health in Vulnerable Environments) believes that housing should have a positive impact on health. Operating through the built environment for positive health outcomes, we prioritize housing design as a key strategy in combating diseases around the world.

APPROACH

We believe that national and international development strategies must take into account the role of housing in addressing health risks in the most vulnerable communities. In order for these strategies to be successful and accessible, they must be incorporated within a diverse context of behavioral change and increased access to health facilities. To achieve our mission we use a threefold approach:

1. **Research**
   Our research focuses on how the built environment contributes to disease in vulnerable communities everywhere, and how design interventions can act as a preventative strategy for improved health outcomes.

2. **Design**
   We believe in the need to research, design, test, and build practical housing improvements that combat the challenges of poor health.

3. **Advocacy**
   Building awareness and promoting healthy behavioral changes in the communities in which we work, and advocating for adequate housing as a human right is a fundamental pillar in all of our projects.
OUR IMPACT

Since 2006, through simple, innovative and cost-effective design interventions paired with community health awareness programs, ARCHIVE Global has improved thousands of homes in vulnerable communities and has reached millions of recipients through our advocacy campaigns.

2,512 Homes Improved

6,375 Direct Recipients

12,716 Indirect Recipients

2,586,103 Reached Through Advocacy Campaigns
Letter From Our Leadership

Access to adequate housing and a health-promoting built environment is more needed than ever as the global population grows rapidly and climate change poses new risks and challenges. To combat the issue of inadequate housing, ARCHIVE Global has, for the last 13 years, played an active role and led numerous projects to design healthier homes that improve health outcomes. And this year was no different as our team sought to deliver the mission of prioritizing housing design as a key strategy to combat diseases around the world. We researched, advocated, and developed new strategies to continue having a positive impact on populations in vulnerable environments.

2020 was the year of developing and expanding our partnership efforts including strengthening relationships with WHO and UN Habitat. Partnership conversations exposed that there was a need for dialogue, tools, and shared resources that help people better connect around the intersection of health and housing; as a result we initiated the Health through Housing Coalition (HtHC)—a new digital platform where people from different fields come together to exchange knowledge, and discuss ideas about the intersection. In addition, this year, we welcomed new experts to the board and started to rethink and rebrand our website to present our work and expand our reach in a clearer way.

In order to advance the knowledge of housing’s impact on health, in 2020, we contributed to publications, attended conferences and participated in speakerships from the UN Habitat General Assembly to convenings around vector control at the Gates Foundation. We also explored new opportunities: in rural Uganda we created a survey to better understand the impact of housing on Menstrual Health Management (MHM), we tested a new standardized Household Survey and its accompanying manual that we developed to better understand the risks of housing on health. The responses from Uganda will help us further develop the survey and use it in communities around the world. In Bangladesh, as part of the ongoing Mud to Mortar project, we continued the post-construction work and provided more durable floors to families to help them live healthier lives.

As we continue to deliver our mission across the globe and set out goals with high expectations for the upcoming year, we would like to express our sincerest gratitude to the volunteers, donors, friends and families whose generous support and kind words have made our work possible!

Cheers,
The ARCHIVE Team
OUR TEAM

In 2020, the ARCHIVE team was small but mighty, composed of individuals from the fields of architecture, interior design, public health, and political economics.

Our wide-ranging interests and skills were united in our passion for health and adequate housing.

Together, we have led numerous projects and initiatives to fulfill the mission of the organization and combat disease in vulnerable communities worldwide through interventions to the built environment.
Sarah Ruel-Bergeron
DIRECTOR OF PROJECTS AND DEVELOPMENT
Sarah is a licensed architect with working experience in sustainability, low-income housing, and healthcare. She has worked and lived in the global south for many years and has worked in communities with inadequate homes and subpar public health interventions. Sarah volunteered with ARCHIVE Global in 2013 and returned full-time in 2017 as the organization embodies her lifelong career aspirations.

Riksum Kazi
INTERIM MANAGING DIRECTOR
Riksum is an international NGO operations professional with extensive background in emergency and humanitarian preparation, and direct response. He has led ARCHIVE operations since 2018, and took the helm as the Interim Managing Director to build a strong board of directors, develop grants and identify fundraising opportunities, and ensured that our projects remain the organization's priority.

Charlotte Burch
PROJECT OFFICER
Charlotte is a designer, planner, and urbanist focused on using the built environment and human-centered design to improve quality of life and eliminate social, economic, environmental and health disparities in communities around the world. At ARCHIVE, she has helped develop, design, and implement global projects.

Vivian Chau
DATA ANALYST
Vivian works as a data analyst, where she supports data cleaning and analysis initiatives for the Mud to Mortar project. Vivian became involved with ARCHIVE when she learned about the organization through a fellow University of Waterloo alumni. Being interested in environmental health, she would like to employ innovative and effective solutions to better the health of communities. ARCHIVE piqued her interest because of its close collaboration with communities, and the use of evidence to inform interventions. With a Masters in Public Health from the University of Waterloo, Vivian is interested in data quality and the use of data to inform public health policies. She is currently working at the Ministry of Health in Ontario.
Miranda Jakubek
PROJECT OFFICER INTERN
Miranda spends most of her time researching and mapping the intersection between the built environment and health - all aspects of homes and communities, communicable and chronic disease. Miranda received a Bachelor’s Degree in Public Health and International Development at Tulane University. Prior to ARCHIVE, Miranda worked on a few different city level projects in NYC, Camden, NJ, and New Orleans. This work fostered her specific interest in health at the community level.

Regan Murphy
DEVELOPMENT AND FUNDRAISING CONSULTANT
As Development and Fundraising Consultant, Regan develops organizational fundraising strategy, conducts new funding research, and collaborates on the communication strategy to maintain external and internal networks for ARCHIVE. Before joining ARCHIVE, Regan worked for two fundraising consulting firms, Orr Group and CCS, in the health and education sectors. She earned a MA in cultural policy and management from City University, London and a BA from Boston College. She is thrilled to be a collaborator in the journey to focus on ARCHIVE’s sustainability and growth. The foundation of ARCHIVE’s mission, using one basic right - housing, to deliver one basic need - health, is an endeavor that lured her to the organization.

Nada Hamida
PROJECT OFFICER INTERN
Nada joined Archive Global in May 2020 as a Project Officer Intern to work on AG’s project in Cameroon. Nada received her Master of Public Service degree from The Clinton School of Public Service. She holds a Bachelor degree in Architectural Engineering from the University of Aleppo, Syria, where she was born and raised. Her work with ARCHIVE was a part of her master’s program, during which she also worked with international organizations such as United Way and Winrock International. Her focus is on utilizing architecture and design skills to improve people’s quality of life, and that is why she values ARCHIVE’s work and mission. In her free time, Nada enjoys reading, photography, and graphic design.

Salome Gvinianidze
PROJECT OFFICER INTERN
Salome helps manage the Health through Housing Coalition (HtHC) and assists with design and communications. She is a graduate student in the Urban Planning program at Hunter College, and has a strong interest in regenerative design, built environment and housing, and their impact on people’s health and quality of life. Before joining ARCHIVE Salome worked at the City College of New York (CCNY), and various international and domestic non-profits in NY, and DC. She earned a BA in international studies and sociology from CCNY. Salome’s favorite thing about ARCHIVE is it’s dynamic team members who are always open to collaborating and working collectively to implement projects that have significant positive impact on communities around the world.

Regan Murphy
DEVELOPMENT AND FUNDRAISING CONSULTANT
As Development and Fundraising Consultant, Regan develops organizational fundraising strategy, conducts new funding research, and collaborates on the communication strategy to maintain external and internal networks for ARCHIVE. Before joining ARCHIVE, Regan worked for two fundraising consulting firms, Orr Group and CCS, in the health and education sectors. She earned a MA in cultural policy and management from City University, London and a BA from Boston College. She is thrilled to be a collaborator in the journey to focus on ARCHIVE’s sustainability and growth. The foundation of ARCHIVE’s mission, using one basic right - housing, to deliver one basic need - health, is an endeavor that lured her to the organization.
Sidney Shea

PROJECT OFFICER INTERN

Sidney brings her background in public health and international development to the project officer position, researching the complex relationship between the built environment and health in vulnerable populations. She is currently working towards her Master of Public Health with a concentration in Disaster Management from Tulane University. She earned her BSPH in May of 2020 from Tulane, where she studied German as well. Sidney’s favorite thing about ARCHIVE is getting to work with colleagues who have experience in architecture, design, and urban planning, and getting to work collaboratively to target the intersection of design and health.

Emily Ralic-Moore

PROJECT OFFICER INTERN

Emily joined ARCHIVE Global during the summer of 2020 while pursuing a Masters in Public Administration at NYU Wagner School of Public Service. Emily is passionate about international development and reducing global inequality. During her internship, she supported ARCHIVE with the development of the Health through Housing Coalition (HtHC) and gained hands-on experience advancing innovative, multi-sectoral solutions to improve health outcomes for individuals around the world. She had previously worked in the private sector as well as at internationally-focused think tanks and holds a B.A. in Linguistics from Boston College.

Jimi Patel

RESEARCH/GRANT OFFICER

Jimi is a public health professional with a background in non-profit management. Since 2017, she has helped oversee award-winning projects at ARCHIVE, led fundraising efforts, and managed the organization’s needs assessment initiatives.

ARCHIVE Global

Annual Report 2020
2020 At A Glance
Launching the Health Through Housing Coalition

We officially launched the Health through Housing Coalition digital platform in late 2020, as a place where people from different fields, organizations, and communities can come together to share knowledge, resources, and ideas for adequate and healthier housing. Through interdisciplinary collaboration, the platform helps unlock the full potential of projects and solutions contributing to building healthy communities around the world. The platform has gained dozens of members coming from multiple disciplines, has hundreds of resources relating to health and housing, and includes an events section which regularly gets updated with information on relevant webinars. Please click here to visit the coalition, learn more about it, and leave us some feedback so we can continue creating a useful resource for all.

Cameroon Needs Assessment: Assessing Public Health Needs In a Lower Middle Income Country

To continue building and advocate for our work in Cameroon, ARCHIVE developed a manuscript to be published as a book. The book demonstrates a methodology for assessing public health needs in communities experiencing environmental sanitation inadequacies. Centring on a case study of the Republic of Cameroon, the findings represent the starting point of a campaign to implement a comprehensive water and sanitation infrastructure through advocacy, housing improvements, and new service chains. The book explores and establishes a causal relationship between the built environment and its impacts on public health, uses the United Nations’ Sustainable Development Goals as a benchmark for highlighting issues and challenges with sanitation infrastructure projects, and provides lessons for communities around the world facing environmental health issues similar to those Cameroon’s Idenau Municipality deals with. The book was published by Taylor and Francis publication, under Routledge Focus on Environmental Health and is available on Amazon.
Launching The New Website

2020 WAS A YEAR OF DEVELOPMENT, MAKING CONNECTIONS, AND GROWING ARCHIVE’S REACH.

This year, ARCHIVE launched an updated website to better communicate our mission, impact, and project updates. The website was designed by our beloved design partner HvADesign, a multidisciplinary design studio based in New York City. Our new website aims to inform diverse audiences about our projects, our service offerings, and provides updates about our work. Please visit archiveglobal.org to check out the new look and follow us on social media to stay updated!

Bangladesh: Mud to Mortar

ARCHIVE’s Mud to Mortar project in Bangladesh continues to scale covering 29 villages across 6 Union Parishads in the Savar district. This phase III scale-up was co-funded by the Thornton Tomasetti Foundation and the International Foundation. By March 2020, we had completed replacing 76 dirt floors with a concrete assembly designed in partnership with the Housing and Building Research Institute of Bangladesh. The construction of the floors was coupled with educational workshops in sanitation and hygiene behaviors for 2 family members from each participating household. Given the global COVID-19 pandemic and associated government lockdown measures the final data collection that was originally scheduled for November 2020 was delayed by two months due to increased COVID-19 cases in Savar. Please see the 2020 update below and stay tuned for the final data analysis results.

2020

M2M: COMPLETED DATA COLLECTION & CONSTRUCTION OF 76 FLOORS AND WORKSHOPS FOR 152 PARTICIPANTS

LAUNCHED: COVID PREVENTION HANDWASHING STATIONS PROJECT
Bangladesh: Mud to Mortar
In 2019 ARCHIVE completed a sanitation needs assessment in Idenau, Cameroon. In early 2020, ARCHIVE signed a book deal to publish the findings from the sanitation needs assessment project.
In the Pipeline
BUILDING SANITATION IN IDENAU

In 2018, ARCHIVE in partnership with the Idenau Municipality in Cameroon had conducted a sanitation infrastructure needs assessment for the Municipality. The assessment identified critical gaps in the Municipality’s sewage and industrial waste infrastructure. The lack of access to clean water and open defecation is a major concern. Also, environmental degradation, particularly pollution and deforestation, is a major cause of poor conditions for residents. In 2020, ARCHIVE initiated the development of a 3-phase project to improve health outcomes by providing community-wide adequate infrastructure and living conditions such as access to clean water, sanitation, and waste management in the Municipality of Idenau, Cameroon.
HANDWASHING STATIONS IN SAVAR

The COVID-19 pandemic compounds the need for accurate hand hygiene practices, creating an opportunity to leverage our existing partnership with ADESH, the Association of Development for Economic & Social Help. Our relationship with ADESH and the Savar community in Bangladesh began in 2014, where we have been implementing our award winning Mud to Mortar project. Since then ARCHIVE has continued to expand the impact of this project, which included replacing dirt floors with a durable, cleanable flooring assembly, combined with an educational component for accurate hygiene and sanitation behaviors to combat diarrheal diseases and respiratory infections. Together with ADESH, we prototyped a hand washing station that harvests and stores rain, and has a foot pedal soap dispenser, for use by the Savar community. Our strategy tackles an urgent and critical component of disease control - limiting the spread of COVID-19.
Guatemala

KUJ TXE: STRONG FOUNDATIONS FOR THE BACÚ COMMUNITY, GUATEMALA

In 2020, we partnered with Habitat for Humanity, Guatemala to replicate our Mud to Mortar flooring project in Bacú, Guatemala. The project’s goal is to reduce bacteria and parasite-related disease in 50 households of Bacú Village in the state of Huehuetenango in Guatemala. This community-based initiative will deliver improved floors combined with training on best sanitation and hygiene practices and the link between housing and health. Participating families will be required to attend training workshops to promote positive behavioral change, and sweat-equity and a small financial contribution will ensure buy-in of this multidimensional approach, bolstering long-term impact. The participants’ experience and health improvements will contribute to developing a self-sustaining local market continuing to lower the burden of disease while elevating the quality of local living standards.
Strategy
Events

GIVING TUESDAY VIRTUAL BENEFIT
2020 was ARCHIVE’s third year participating in the Giving Tuesday, which is a global day of giving that harnesses the collective power of individuals, communities, and organizations to encourage philanthropy and celebrate generosity worldwide. This year we held a virtual event hosting panelists and guests to talk about the impact of COVID-19 on our work, the difficulties we faced due to the pandemic, and some of the solutions that helped us overcome challenges this year.

COOKING SESSIONS
In order to promote team building, get to know each other better, and connect while working remotely, ARCHIVE’s team members held virtual cooking sessions monthly to share incredible new recipes with one another and cook favorite dishes together such as Canadian dessert Pouding Chômeur, Korean Japchae, and famous Indian dish Aloo Matar. Hosting virtual cooking sessions was a great opportunity to engage, show off the best dishes from various cultures, and most importantly have fun while shelter-in-place mandates kept us indoors.

EXPERT GROUP MEETINGS & SPEAKERSHIPS
1.15 -17. 20 | WORLD HEALTH ORGANIZATION: EXPERT CONSULTATION ON THE IMPLEMENTATION OF THE WHO HOUSING AND HEALTH GUIDELINES.
4.21.20 | PLACEMAKING X: PUBLIC SPACES ARE ESSENTIAL SERVICES
5.14.20 | GLOBAL SHELTER CLUSTER SHELTER AND HEALTH LEARNING DAY: MEASURING AND MITIGATING HEALTH IMPACTS IN A VARIETY OF SETTINGS
Campaigns and Awards

CARING CROWD CAMPAIGN
In Savar Bangladesh, testing and treatment options for COVID-19 are extremely limited, so preventative strategies to combat the pandemic are paramount. As a result, we raised $27,251 through our CaringCrowd campaign with a total of 154 backers. Combined with a generous grant from the Thornton Tomasetti Foundation, we were able to begin the construction of 20 handwashing stations in 2021. In addition, community hand hygiene trainers will be deployed throughout Savar. The durable handwashing stations and the accompanying training will have a valuable impact on the health of members of this community, in 2021 and beyond, making this campaign a success.

GO FUND ME CAMPAIGN
GoFundMe campaign was conducted in July to raise money for PPE and emergency relief for Savar community and to build a handwashing station, since handwashing is critical and a key preventative measure of COVID-19. In addition, the community in Savar has since requested blankets and masks to help them get through the winter. In total, 200 people have benefited from the campaign, various cultures, and most importantly have fun while shelter-in-place mandates kept us indoors.

TRACINGTHOUGHT SHORT FILM
Working with our friend, Tracingthought, on our Mud to Mortar project in Bangladesh was amazing, because the film truly captured the essence of what we were trying to do through the Mud to Mortar project. “TracingThought is an independent outlet for visual journalism, focusing on photojournalism and documentary filmmaking. Often partnering with nonprofits and like-minded journalists, TracingThought thrives on the energy of environmentally conscious stories, unique lifestyles, and high-intensity conflict zones. The mission is to maintain a neutral ground and allow the viewer to judge the topics at hand.” The film and more about the filmmaker can be viewed here.

ARCHITIZER AWARD
In August, Our Mud to Mortar project in Savar, Bangladesh won the Popular Choice Award in Architecture For Good category. “Architizer is a portfolio database, media site, and architectural manufacturer search engine that’s transforming the architecture community. With over 86,000 projects from around the world, their vision is to bring more innovation, efficiency, and quality to the world of architecture and design by leveraging data to create a more fully connected network of architects, product manufacturers, and design enthusiasts.” The link to the awards site is here.
HEALTH THROUGH HOUSING COALITION (HTHC)

The built environment is a powerful tool to combat health problems, however, working across disciplines to create collaborative design solutions requires coordination, and can be difficult to fund. In order to encourage the collaborative process, ARCHIVE Global is developing the Health through Housing Coalition (HTHC), a digital platform which aims to optimize the positive impact of housing on health through interdisciplinary synergies.

The platform will enable healthcare professionals, designers, architects, and planners to exchange knowledge, and facilitate partnerships and connections across sectors and industries. Our aim is that this will lead to collaborations and projects to improve housing design for positive health outcomes in vulnerable communities worldwide.
ORGANIZATIONAL DEVELOPMENT

New Board Members
In 2020, ARCHIVE welcomed Karen Frome, Evelyn Furia, Edward Gengler, Palmer Leff, and Sylvia Tsen as new Board members, together they bring new areas of expertise to the board. These additions help us build on the strong foundation of knowledge, skill sets, and passion for health and the built environment. The ARCHIVE team is excited to work with them and collaborate closely to deliver our mission.

New Grants
In 2020, ARCHIVE made a large push to grow our funding base in order to continue providing life saving household interventions. We are excited to say that in the fall of 2020 we received two new grants, allowing us to implement Phase III of Mud to Mortar in the spring of 2020.

Thanks to The International Foundation and Thornton Tomasetti Foundation for their generous contributions to our work. These grants are critical in enabling us to improve homes and living conditions of families and building healthier communities. The grants will also enable us to test out new construction methods which use no bricks, making the work more sustainable, and durable, estimated to last up to 30 years.

We would also like to thank the BOVA Network for their support, funded through the UK Government’s Grand Challenges Research Fund, for enabling a workshop and a plan for the development of the Health through Housing Coalition (HtHC). The new digital platform will enable professionals from different fields to connect, share resources, and implement collaborative projects to build healthier homes through innovative design interventions.

New Website & Rebranding
Throughout 2020, ARCHIVE has been carefully rethinking and redesigning our current website and the way we represent our work. As a result, we are building and designing a new and engaging website to better showcase our projects and raise awareness of the impact that housing can have on health.

To view our new website visit us at archiveglobal.org
2020 Financials
FISCAL YEAR 2020

Our financial performances for Fiscal Year 2020 including revenues, assets, and expenses.

REVENUE & OTHER SUPPORT

- $54,256, 36%
- $72,700, 15%
- $74,235, 49%

ASSETS & LIABILITIES

- $62,863, 96%
- $2,500, 4%

EXPENSES

- $54,256, 36%
- $74,235, 49%
- $22,700, 15%
Thank You

2020 DONORS

ARCHIVE Global’s work is made possible by the generous foundations, corporations, and individuals who share our passion for health and adequate housing.

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Nalin Ahuja
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