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Health Equity and Social Determinants: Integrating Principles into Public Health Management

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Abstract:

This paper discuss about how important it is for public health management to take into account health fairness ideals and social factors. There are still differences in health around the world, which are caused by complicated relationships between social, economic, and natural factors. To successfully deal with these differences, public health management needs to take a broad approach that looks at the root factors that affect health results. This essay takes a look at recent studies and models to show how health equity principles and social factors can be used in public health management. This shows how important it is to know why some people have worse health than others and work together with people from different fields to fix the problem. It also looks at how policy changes, community involvement, data-driven decision-making, and changes to the health system can all help improve health fairness. Policymakers, practitioners, and other interested parties can help reduce health gaps and improve community health results by incorporating these ideas into public health management.

Keywords: Health equity, social determinants of health, public health management, disparities, policy interventions, community engagement, interdisciplinary approaches.

I. INTRODUCTION

Health gaps are still a major problem around the world because they cause different groups to have different health results. A lot of different social, economic, and environmental factors are to blame for these differences. These are called social drivers of health. The World Health Organization says that social factors of health are the things that affect people's health from the time they are born until they die [1]. This includes where they live, work, and age, as well as the larger set of forces and systems that make daily life possible. These factors, like a person's financial position, schooling, job, housing,

and access to health care, have a big impact on their health results and life span. Health results are still different for racial and ethnic minorities, low-income people, and communities that have been excluded, even though healthcare and public health measures have improved [2]. Not only do these unfair situations hurt people's basic human right to health, they also put a lot of social and economic stress on communities. Getting rid of health gaps takes a broad approach that doesn't just focus on fixing diseases but also on the social factors that cause them. Health equity is a concept that stresses fairness and justice in the division of health resources and chances. It has become more widely known how important it is in recent years. To reach health equality, we need to get rid of the reasons why some people have worse health than others and make sure that everyone has the same access to healthcare [3] services and resources. Inequalities in health are also caused by larger social and economic problems that need to be fixed. A big part of promoting health equality and dealing with the social factors of health is public health management. Managers [4] of public health are in charge of planning, carrying out, and reviewing programs that aim to improve the health of a community. Public health managers can make their work more successful and have a bigger impact by incorporating health equity principles and handling social factors.

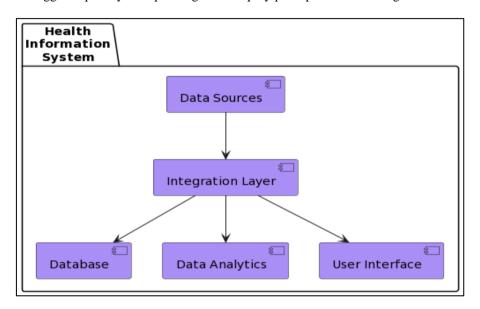


Figure 1: Overview of Health Information System

The goal of this study is to look into how health equity concepts and social factors can be used in public health management. In this paper, we will look at the ideas behind health equity and social factors. We will also talk about how to apply these ideas to public health management and show examples of how they have been successfully integrated. It will also talk about the pros and cons of incorporating health equity principles and social factors into public health management, as well as suggest areas for future study and practice [5].

Following is the outline of this paper: Section 2 will talk about health equality and social factors, including what they are, how they affect health results, and some meanings. In Section 3, we will talk about how to use health equity concepts in public health management, including ways to make sure everyone has equal access to healthcare and is fair and culturally competent [6]. We will talk about different ways to deal with social factors that affect public health in Section 4. These include changing policies, working with communities, and using data to make decisions. Then, in Section 5, there will be case studies and best practices that show how good merging attempts can be. In Section 6, we'll talk about the pros and cons of integration. Finally, in Section 7, we'll come to a conclusion by listing the most important results and suggesting ways to improve health equity in public health management.

II. BACKGROUND

Health equity and social factors are important parts of public health management that try to make sure everyone has equal chances to be healthy and happy [6]. Putting these ideas into practice in public health management needs a diverse method that looks at the underlying social, economic, and environmental factors that cause health inequalities. This part talks about important plans and tactics in this area, showing how important it is to work together, make rules, and involve the community. Taking a whole-person view that takes into account the bigger social, economic, and environmental factors

that affect health [7] is one of the most important ways to include health justice and social drivers in public health management. This means dealing with problems like poverty, lack of access to schooling and jobs, bad living situations, and poor natural health. Public health managers can create complete programs that address the causes of health disparities by realizing how these factors are linked. Working together is another important way to improve health fairness and deal with social factors. To do this, [8] they need to work together with healthcare workers, community groups, government agencies, and other interested parties to create and carry out policies and programs that improve health fairness. Working together can help make sure that solutions are ethnically suitable, community-driven, and long-lasting, which will result in better results.

For health equality and social factors [9] to be part of public health management, policy creation is also very important. This includes pushing for policies that deal with the social factors that affect health, like cheap housing, easy access to health care, and programs that help people make ends meet. At the neighborhood, state, and national levels, public health managers can make a big difference by setting policy goals, making recommendations based on research, and fighting for fair policies. Another important [10] part of incorporating health justice and social factors into public health management is getting people involved in their own health. This means getting people in the community involved in making decisions, creating programs, and putting them into action. Public health managers can learn a lot about local needs, goals, and resources by working with communities. This [11] can help them make solutions that work better and last longer. A number of projects and programs show how health equity and social factors can be effectively integrated into public health management. The Health in All Policies (HiAP) method, for instance, means thinking about how policies affect health when they are made in many areas, like schooling, housing, and transportation. This method helps make sure that programs and policies are made to improve health fairness and deal with social factors. Community health workers (CHW) programs are another example. These programs [12] have been shown to help close health gaps and improve health results, especially in areas that aren't getting enough care. CHWs help connect communities with healthcare systems by teaching, reaching out, and giving support services that are sensitive to different cultures. The National [13] Partnership for Action to End Health Disparities (NPA) and the World Health Organization's Commission on Social factors of Health (CSDH) have also created plans and suggestions for how to deal with health equality and social factors around the world. These projects show how important it is for different areas to work together, make policies, and get involved in the community in order to improve health fairness.

Table 1: Summary of background work

Method	Critical Aspects	Finding	Collaboration	Application
Health Impact Assessment (HIA) [14]	Assessing health impacts of policies and projects	Identifies potential health disparities	Government agencies, community organizations	Policy development
Community Needs Assessment [15]	Understanding local health needs and priorities	Guides intervention planning	Local health departments, community organizations	Program development
Equity Lens Analysis [16]	Examining policies for their impact on health equity	Identifies areas for improvement	Public health agencies, advocacy groups	Policy evaluation
Social Determinants Screening [17]	Identifying social factors influencing health outcomes	Informs targeted interventions	Healthcare providers, community organizations	Clinical practice
Health Equity Audit	Evaluating health service delivery for equity [18]	Highlights disparities in care	Healthcare facilities, quality improvement teams	Service delivery improvement

Policy Advocacy [19]	Promoting policies that address social determinants	Influences policy decision-making	Advocacy groups, policymakers	Policy change
Equity-Oriented Research [20]	Conducting research on health disparities	Generates evidence for interventions	Research institutions, community organizations	Evidence-based practice
Participatory Action Research [21]	Engaging communities in research and action	Empowers communities for change	Researchers, community members	Community empowerment
Health Equity Impact Assessment[22]	Evaluating policies for their impact on health equity	Informs policy decision-making	Government agencies, research institutions	Policy development
Cultural Competency Training [23]	Enhancing healthcare providers' cultural sensitivity	Improves care for diverse populations	Healthcare institutions, professional associations	Clinical practice improvement
Health Equity Toolkit [24]	Providing resources for addressing health disparities	Guides interventions and policies	Public health agencies, community organizations	Resource utilization
Equity-Focused Evaluation [25]	Evaluating programs for their impact on health equity	Determines program effectiveness	Evaluation teams, program managers	Program evaluation
Community Partnership Building [26]	Establishing collaborations with community stakeholders	Enhances community engagement	Public health agencies, community organizations	Community engagement

III. UNDERSTANDING HEALTH EQUITY AND SOCIAL DETERMINANTS

In this section, we delve into the foundational concepts of health equity and social determinants of health, providing a comprehensive understanding of their significance in shaping population health outcomes.

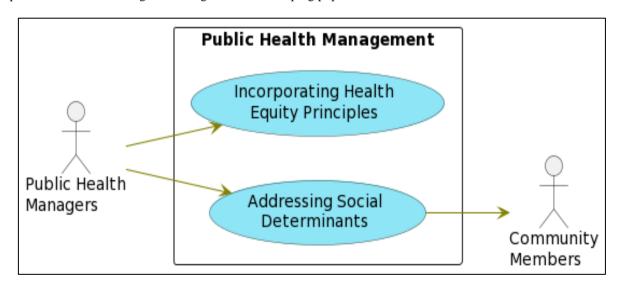


Figure 2: Scenario for Public Health Management

3.1 Definitions and Conceptual Frameworks

Health equity refers to the absence of unfair and avoidable differences in health outcomes among different populations or groups. It emphasizes the principle that everyone should have the opportunity to attain their highest level of health, regardless of their social, economic, or demographic characteristics. Achieving health equity requires addressing social injustices, discrimination, and systemic barriers that contribute to health disparities. Various conceptual frameworks have been developed to elucidate the complex interplay between health equity and social determinants. The World Health Organization's Commission on Social Determinants of Health introduced the concept of the social gradient, which highlights how health outcomes worsen as socioeconomic status declines. Additionally, the Dahlgren-Whitehead model emphasizes the multi-level determinants of health, including individual lifestyle factors, social and community networks, living and working conditions, and broader socioeconomic, cultural, and environmental contexts.

3.2 Key Social Determinants Influencing Health Outcomes

Social determinants of health encompass a wide range of factors that influence individuals' health and well-being. These determinants operate at multiple levels, including the individual, interpersonal, community, societal, and structural levels. Key social determinants include:

- Socioeconomic status: Income, education, and occupation significantly impact access to resources such as healthcare, nutritious food, and safe housing.
- Physical environment: Environmental factors such as air and water quality, housing conditions, and neighborhood safety affect individuals' health outcomes.
- Social support networks: Strong social support networks and community cohesion contribute to better mental and physical health outcomes.
- Health behaviors: Individual behaviors such as smoking, physical activity, diet, and substance use play a crucial role in shaping health outcomes.
- Access to healthcare: Adequate access to healthcare services, including preventive care, primary care, and specialty services, is essential for maintaining optimal health.

Understanding these social determinants and their complex interactions is critical for developing effective interventions to promote health equity.

3.3 Impact of Social Determinants on Health Disparities

Social factors have a big effect on health inequalities, which means that different groups of people have different health results. For instance, people from low-income areas often have trouble getting medical care, which makes them more likely to get diseases that can be avoided and die before their time. In the same way, racial and ethnic communities face more abuse and systematic racism, which leads to differences in health results such as higher rates of chronic diseases, child mortality, and shorter life span. When public health managers fully comprehend how social factors affect health gaps, they can create focused solutions that can fix the root problems and make everyone's and every community's health better.

IV. INTEGRATING HEALTH EQUITY PRINCIPLES INTO PUBLIC HEALTH MANAGEMENT

This part is all about the steps and plans you can use to make health equity concepts a part of how you handle public health. In order to improve the health of the whole community, public health managers can work toward fairness, justice, and inclusion by incorporating health equity concerns into their organizations' policies, programs, and decision-making processes.

4.1 Incorporating Health Equity into Organizational Missions and Goals

A big part of supporting health equality and dealing with the social factors of health is the work of public health groups. To make health equity a part of an organization's aims and goals, they must commit to putting it first in all planning, implementation, and review. This means making it clear in the organization's purpose statement and strategy plans that health justice is a core value and top concern.

- Setting health equality goals and aims that can be measured, like lowering differences in health results between groups of people.
- Giving money and resources to programs and projects that deal with social factors that affect health and support fair health care is a top priority.
- Public health managers can make sure that equity issues are taken into account in every part of their work by
 incorporating health equity concepts into the organization's aims and goals.

4.2 Promoting Cultural Competence and Responsiveness

Cultural literacy is important for public health groups that work with a lot of different people whose wants and interests are different. To encourage cultural knowledge and response, public health managers can do the following:

- Providing training and professional growth chances for staff on cultural humility, diversity, and inclusion.
- Getting and keeping a broad staff that mirrors the areas the organization serves.
- Including community leaders and other interested parties from a range of backgrounds in the process of making decisions and creating programs.
- Communication and outreach should be made to fit the language and culture of the people you're trying to reach.

Promoting cultural literacy and response is a way for public health managers to build trust and relationships with communities, make their programs more relevant and successful, and lower health inequalities.

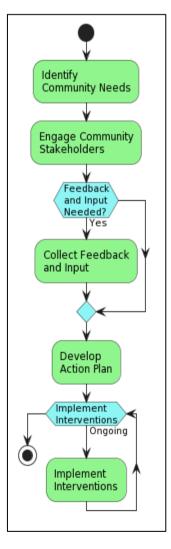


Figure 3: Overview of Cultural Competence and Responsiveness

4.3 Ensuring Equitable Access to Healthcare Services and Resources

For health equality to be achieved, everyone must have equal access to healthcare services and funding. Managers of public health can support fair access by:

- Finding and fixing the things that make it hard for people to get health care, like where they live, how they can get there, language hurdles, and not having health insurance.
- Putting plans into action to improve healthcare facilities and service delivery in areas that need it the most.
- Giving more low-income people, racial and ethnic minorities, and people living in rural areas access to preventive services, tests, and treatments is a top concern.
- Trying to get policies and funds for things like Medicaid growth, community health centers, and telemedicine programs that help everyone get access to health care.
- Public health managers can help make sure that everyone has the chance to get the best health results, no matter their social or economic situation, by focusing on equal access to healthcare services and resources.

4.4 Addressing Structural Racism and Discrimination

Health gaps and unfair treatment are made worse by structural racism and discrimination. To fix these structural problems, public health managers can do the following:

- We need to recognize and deal with the fact that structural racism and discrimination keep health disparities going.
- Working together with lawmakers, lobbying groups, and community groups to push for policies and programs that break down societal hurdles and increase fairness.
- Educating and teaching staff in anti-racism programs will make them more aware of unconscious bias and institutional racism.
- Doing study and planning in communities that include and value the views and experiences of groups that are
 often ignored.

Public health managers can help make systems and settings that support everyone's health and well-being more fair and welcoming by taking action against structural racism and discrimination.

5. STRATEGIES FOR ADDRESSING SOCIAL DETERMINANTS IN PUBLIC HEALTH MANAGEMENT

In this section, we explore a range of strategies and interventions that public health managers can employ to address social determinants of health. By targeting the underlying factors that influence health outcomes, these strategies aim to promote health equity and improve the overall well-being of populations.

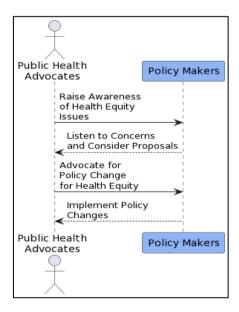


Figure 4: Strategies For Addressing Social Determinants In Public Health

5.1 Policy Interventions to Address Social Determinants

Changing policies is a very important part of dealing with the social factors that affect health at the general level. Public health managers can support and put into action policies that make sure everyone has equal access to resources, lower inequalities, and make places healthy. Here are some examples of policy interventions:

Helping people make ends meet: Putting in place policies like minimum wage laws, earned income tax credits, and social aid programs can help lower poverty and make the economy more stable, which can help fix one of the main reasons why some people don't have the same access to health care.

Housing Policies: Making it easier for people to find cheap housing, making sure that homes are safe and of good quality, and stopping people from being homeless can all have a positive effect on health by giving people stable and helpful places to live.

Education Policies: Putting money into good schools, lowering differences in how much people have learned, and fixing structural problems that make it hard to learn can improve health results by giving people more information, skills, and chances to move up in society and earn more money.

Food and Nutrition Policies: Making it easier for people to get healthy foods, teaching people about nutrition, and fixing food poverty are all policies that can help disadvantaged groups eat better and lower their risk of nutrition-related illnesses.

Public health managers can deal with social factors of health and make settings that are more fair and helpful for everyone by pushing for and adopting policy changes that are based on evidence.

5.2 Strengthening Community Partnerships and Engagement

To figure out what the needs, assets, and goals are in a given area and to make changes that specifically address the social factors of health, it is important to work with and involve the community. Managers of public health can improve relationships and participation in the community by:

Work together with schools, faith-based groups, community-based organizations, and local governments to set common health improvement goals and priorities.

Including community members in figuring out what they need, planning programs, putting them into action, and reviewing them to make sure that the solutions are culturally appropriate, acceptable, and long-lasting.

Building trust and relationships with communities by being open, listening, and participating in a polite way.

Giving people in the community the tools they need to take charge of their own health by giving them chances to learn how to be leaders, build their skills, and be advocates.

By building strong relationships and working together with communities, public health managers can make better use of local assets and resources to deal with the social factors that affect health and encourage long-lasting changes in the health of the whole community.

5.3 Leveraging Data and Technology for Targeted Interventions

Data and technology are very important for finding health gaps, keeping track of progress, and making decisions in public health management. Managers of public health can use data and technology to focus their efforts by:

Gathering and reviewing information about health outcomes, inequalities, and social factors of health to figure out where to focus on interventions and keep track of progress over time.

Using geographic information systems (GIS) and other tools for spatial analysis to find the most needy and unequal places and then focusing efforts there.

Electronic health records (EHRs), telemedicine, and mobile health tools are being used to make it easier for people to get medical care, especially in areas that aren't well covered or are far away.

Using social media, mobile apps, and other digital tools to share health information, encourage healthy habits, and make it easier for people to get involved and feel empowered in their communities.

Data and technology can help public health managers make changes that are more focused, efficient, and based on research to deal with social factors of health and lower health inequalities.

5.4 Implementing Health System Reforms to Improve Access and Quality

Reforms to the health system are needed to make it easier for people to get medical care, improve the quality of care, and level out differences in health results. Public health officials can push for and carry out changes to the health system by:

Getting more people to have health insurance through programs like Medicaid expansion, health insurance markets, and assistance for people and families with low incomes.

Boosting basic care and preventive services will help find and treat chronic illnesses earlier, lower healthcare costs, and lead to better health results.

Using programs like workforce training, loan payback benefits, and telecommuting to help with healthcare access and quality issues and a lack of workers.

Getting behind patient-centered care models that put an emphasis on cultural competence, shared decision-making, and continuity of care so that all patients' needs and wants can be met.

Public health managers can make healthcare systems more fair, efficient, and patient-centered by pushing for and adopting complete health system improvements. These changes will make it easier for everyone to get great care.

VI. CASE STUDIES AND BEST PRACTICES

This part looks at real-life examples of successful programs and projects that have dealt with the social factors of health and worked to improve health fairness. The case studies show the best ways to do things and what can be learned from them. This information can help public health managers fix health gaps and make everyone healthier.

6.1 Case Study: The Healthy Food Financing Initiative (HFFI)

The USDA, HHS, and Treasury Department started the Healthy Food Financing Initiative (HFFI) in 2010. It is a relationship between the government and the business sector. The goal of the program is to improve access to healthy foods in areas that don't have enough of them by helping grocery stores, farmers' markets, and other places that sell healthy foods open. Launched in 2004, the Pennsylvania Fresh Food Financing Initiative (FFFI) is a good example of how the HFFI can work. Over 180 market shops and fresh food sources have opened or been fixed up in poor areas across the state thanks to FFFI funds and help for over 88 projects. Over 400,000 people now have better access to fresh, healthy foods thanks to these projects. This has led to better eating habits and lower rates of diet-related diseases like diabetes, obesity, and heart disease.

One important thing that we learned from the HFFI and FFFI is how important it is to work with both public and private partners to share resources and knowledge.

- Including partners and local groups in the planning and carrying out process.
- Targeted cash rewards and technical help to get people in neglected places to eat healthier food.
- Checking the results of actions and using data to help make decisions and set spending goals for the future.
- Together, the HFFI and FFFI show that public-private relationships can help improve health equity in neglected areas, deal with social factors of health, and make it easier to get healthy foods.

6.2 Case Study: The Nurse-Family Partnership (NFP)

Nurse-Family Partnership (NFP) is a program that pairs trained nurses with low-income first-time mothers during pregnancy and the first two years of their child's life. It is based on research and works to improve the health of both moms and children. To reach its goals, the program offers home visiting services that deal with social factors of health like poverty, lack of social support, and limited access to healthcare. These services aim to improve pregnant results, child health and development, and economic independence. According to a thorough study by experts at Duke University, the NFP has a lot of good effects on the health of mothers and children. For example, there are fewer preterm births, cases of child abuse and neglect, and mothers who smoke while they are pregnant. It has also been shown that the program saves a lot of money in the long run by lowering healthcare costs, government dependence, and interaction with the criminal justice system.

- Some important parts of the NFP's success are:
- Getting moms and children in danger thorough, one-on-one help in their own houses.
- The focus is on building relationships of trust and support between nurses and clients.
- Using a wide range of management techniques to deal with a lot of different social factors that affect health.
- To make sure the program works and stays true, use methods that have been shown to work and keep improving the quality of the program.

The NFP is a good example of how focused, intense programs that deal with the social factors of health can make a big difference in people's health and improve health equity for vulnerable groups.

6.3 Case Study: The Community Health Worker (CHW) Model

Many people know about the Community Health Worker (CHW) plan, which uses community members as health instructors and supporters to deal with the social factors that affect health. CHWs are valued people of the community who are trained to teach, reach out, and help their peers with health issues, especially those who aren't getting enough help or are on the outside. New York City's Bronx Health REACH program is a well-known example of how well the CHW plan works. Bronx Health REACH uses community health workers (CHWs) to help fix health problems tied to long-term illnesses like diabetes and heart disease in the Bronx, a borough known for having a lot of poor people and bad health results. CHWs in the program work directly with people in the community to teach them about health in a way that is sensitive to their culture, make it easier for them to get medical care, and push for policy changes that will improve the social and natural factors that affect health. Studies that looked at the Bronx Health REACH program showed that people who took part in it learned a lot more about health, changed some of their habits, and had easier access to care. The program has also helped build community leadership and skills, giving people the power to take charge of their own health and push for changes in the system to fix health inequalities.

Some important parts of the CHW plan for success are:

- Outreach and instruction that are sensitive to different cultures and languages.
- personalized help that is based on what the community wants and needs.
- Working together with nearby groups, healthcare workers, and lawmakers to make the most of resources and help change the whole system.
- Continuous training and assistance for CHWs to make sure they work well and last a long time.
- Community-based methods that deal with the social factors of health, like the CHW model, can lead to better health results, easier access to care, and more health fairness for vulnerable groups.

6.4 Case Study: The Harlem Children's Zone (HCZ)

Harlem Children's Zone (HCZ) is a place-based, all-encompassing program that aims to improve the health of children and families in Harlem, New York City by treating the social factors that affect health and encouraging good results. HCZ was started by Geoffrey Canada in the 1990s. It covers 97 blocks and offers a wide range of health, educational, and social services to people from birth through college and job. One of HCZ's most well-known programs is the Baby College, which helps families with young children and expecting parents through parenting classes and other services. Parents get help

with their child's development, eating, and parenting skills through Baby College. This gives them the tools they need to make their homes safe, caring places that encourage healthy growth.

Aside from that, HCZ runs a number of private schools for kids from low-income families. These schools offer a great education and a wide range of support services. Aiming to break the cycle of poverty and improve long-term results for children and families, HCZ provides wraparound services like health and mental health support and works to close school gaps. The results of research that looked at HCZ were positive. For example, program members did better in school, graduated more often, and went to college. Also, HCZ's all-around approach to dealing with social factors of health has helped kids and families in the neighborhood have better health results and overall well-being.

In the HCZ plan, some of the most important parts of success are:

- A broad, cross-sectoral method that meets the complicated needs of kids and families in many areas.
- Strong leadership and involvement in the community, with a focus on making connections and gaining trust in the community.
- Decisions based on data and ongoing review to track success and change actions as needed.
- Long-term dedication and ongoing funding of services and programs to make an effect that lasts.
- Harlem Children's Zone is a great example of how place-based programs that deal with the social factors of health can help kids and families in areas that need it the most..

VII. CHALLENGES AND OPPORTUNITIES

7.1 Challenges

Deep-seated societal inequalities, such as systemic racism, economic inequality, and unfair access to resources and opportunities, must be dealt with in order to address the social factors of health. It can be hard to make real changes when there are social barriers like these that keep health disparities going.

- Limited Resources: Public health groups often have trouble getting the resources they need, like money and staff.
 This can make it harder for them to carry out complete programs and keep up long-term efforts to address social factors of health.
- Intersectoral Collaboration: To effectively address the social factors of health, people from different fields must work together, such as in housing, education, healthcare, and social services. But separate methods and different goals in different areas can make it harder for people to work together and coordinate their efforts.
- Inequities and Data Gaps: Differences in how data is collected, analyzed, and reported can hide how bad health disparities really are and make it harder to come up with focused solutions. Also, disadvantaged groups might not be fully included in health statistics, which makes it harder to understand and meet their specific needs.
- Policy and Political Challenges: Local, national, and global policy choices can have a big effect on health equality
 and the social factors that affect health. However, political division, special interests, and rival policy goals could
 make it harder to implement policies that are based on facts and support fairness while addressing disparities.

7.2 Opportunities

- Community Empowerment: Getting groups involved in planning, carrying out, and reviewing programs is a great
 way to deal with social factors of health from the very beginning. Community-led projects can use local resources,
 skills, and knowledge to create health-improving solutions that are appropriate for the situation.
- Policy Advocacy: People who work for public health can have an impact on policy choices and push for policies
 that deal with the social factors of health and improve health equality. Advocates can work to change the system
 in a way that fixes the problems that cause health gaps by getting people involved, spreading information, and
 forming groups.
- Innovative Financing Mechanisms: Looking into new ways to pay for things like social impact bonds, community
 benefit agreements, and public-private partnerships can help find new ways to pay for health programs that deal
 with social factors of health. These systems can bring in private funding, make the most of charitable funds, and
 encourage methods that focus on results.

- Solutions based on data: Using technology, data analytics, and artificial intelligence can help us learn more about
 the social factors that affect health and plan more effective solutions. Public health managers can come up with
 evidence-based plans to reduce differences and promote fairness by looking at large datasets and finding patterns
 and trends.
- In all policies, health care: Using a "Health in All Policies" method means that decisions about things like
 transportation, urban planning, and economic growth all take health into account. By including health equity
 principles in the governing process, governments can make sure that policies support fair results and deal with the
 social factors that affect health.

VIII. CONCLUSION

Adopting health equity principles and recognizing the role of social factors of health are important steps toward making sure that everyone has the best possible health results. This essay looked at the different aspects of health inequalities, the underlying causes of these disparities, and possible solutions for dealing with them in the field of public health management. We started by getting a basic understanding of health justice and social drivers. We did this by noting that socioeconomic, environmental, and systemic factors all affect health results in complicated ways. After that, we looked at how public health management can build health equity principles into its core purpose and processes. We stressed how important it is to be culturally competent, give everyone equal access to healthcare, and fix structural hurdles. We also looked at a number of different ways to deal with the social factors that affect health, such as changing policies, working with communities, and using data-driven methods. We saw real-life examples of great programs that have made big steps toward health equity and reducing health gaps through case studies and best practices. Even with these results, though, problems still exist. Progress toward health equality is still being held back by structural inequalities, a lack of resources, and political issues. Still, we found chances for real change, such as giving people more power in the community, pushing for better policies, coming up with new ways to pay for things, and finding answers based on data. To achieve health equality and deal with the social factors of health, everyone involved must work together and remain committed. Policymakers, community leaders, healthcare workers, and supporters for public health must all work together to break down structural hurdles, push for policies that promote equality, and give communities the tools they need to take charge of their own health. As we move forward in our quest for health equity, let us stay true to the values of fairness, justice, and inclusion. We can make a world where everyone, no matter their background or situation, has the chance to reach their best level of health and well-being by focusing on solutions that are fair and getting to the bottom of health inequalities.

References

- [1] Hung, M.; Hon, E.S.; Ruiz-Negron, B.; Lauren, E.; Moffat, R.; Su, W.; Xu, J.; Park, J.; Prince, D.; Cheever, J.; et al. Exploring the intersection between social determinants of health and unmet dental care needs using deep learning. Int. J. Environ. Res. Public Health 2020, 17, 7286.
- [2] Wilder, M.E.; Kulie, P.; Jensen, C.; Levett, P.; Blanchard, J.; Dominguez, L.W.; Portela, M.; Srivastava, A.; Li, Y.; McCarthy, M.L. The impact of social determinants of health on medication adherence: A systematic review and meta-analysis. J. Gen. Intern. Med. 2021, 36, 1359–1370.
- [3] Lund, C.; Brooke-Sumner, C.; Baingana, F.; Baron, E.C.; Breuer, E.; Chandra, P.; Haushofer, J.; Herrman, H.; Jordans, M.; Kieling, C.; et al. Social determinants of mental disorders and the Sustainable Development Goals: A systematic review of reviews. Lancet Psychiatry 2018, 5, 357–369.
- [4] Feinstein, J.S. The relationship between socioeconomic status and health: A review of the literature. Milbank Q. 1993, 71, 279–322.
- [5] McMaughan, D.J.; Oloruntoba, O.; Smith, M.L. Socioeconomic status and access to healthcare: Interrelated drivers for healthy aging. Front. Public Health 2020, 8, 231.
- [6] Kivimäki, M.; Batty, G.D.; Pentti, J.; Shipley, M.J.; Sipilä, P.N.; Nyberg, S.T.; Suominen, S.B.; Oksanen, T.; Stenholm, S.; Virtanen, M.; et al. Association between socioeconomic status and the development of mental and physical health conditions in adulthood: A multi-cohort study. Lancet Public Health 2020, 5, e140–e149.
- [7] Runyan, D.; Wattam, C.; Ikeda, R.; Hassan, F.; Ramiro, L. Child abuse and neglect by parents and caregivers. In World Report on Violence and Health; Krug, E., Dahlberg, L.L., Mercy, J.A., Zwi, A.B., Lozano, R., Eds.; World Health Organization: Geneva, Switzerland, 2002; pp. 59–86.

- [8] Kakade, S. V., Dabade, T. D., Patil, V. C., Ajani, S. N., Bahulekar, A., & Sawant, R. (2023). Examining the Social Determinants of Health in Urban Communities: A Comparative Analysis. South Eastern European Journal of Public Health, 111–125.
- [9] Pangarkar, S. C., Paigude, S., Banait, S. S., Ajani, S. N., Mange, P., & Bramhe, M. V. (2023). Occupational Stress and Mental Health: A Longitudinal Study in High-Stress Professions. South Eastern European Journal of Public Health, 68–80.
- [10] Fang, X.; Brown, D.S.; Florence, C.S.; Mercy, J.A. The economic burden of child maltreatment in the United States and implications for prevention. Child Abus. Negl. 2012, 36, 156–165.
- [11] Basu, A.; McLaughlin, K.A.; Misra, S.; Koenen, K.C. Childhood maltreatment and health impact: The examples of cardiovascular disease and type 2 diabetes mellitus in adults. Clin. Psychol. Sci. Pract. 2017, 24, 125–139.
- [12] Berlin, L.J.; Appleyard, K.; Dodge, K.A. Intergenerational continuity in child maltreatment: Mediating mechanisms and implications for prevention. Child Dev. 2011, 82, 162–176.
- [13] Roy, A. Intergenerational trauma and aboriginal women: Implications for mental health during pregnancy. First Peoples Child Fam. Rev. 2019, 14, 211–224
- [14] Menzies, K. Understanding the Australian Aboriginal experience of collective, historical and intergenerational trauma. Int. Soc. Work. 2019, 62, 1522–1534.
- [15] Sacks, T.K.; Savin, K.; Walton, Q.L. How ancestral trauma informs patients' health decision making. Am. Med. Assoc. J. Ethics 2021, 23, 183–188.
- [16] Sangalang, C.C.; Vang, C. Intergenerational trauma in refugee families: A systematic review. J. Immigr. Minority Health 2017, 19, 745–754.
- [17] Han, M. Relationship among perceived parental trauma, parental attachment, and sense of coherence in Southeast Asian American college students. J. Fam. Soc. Work. 2006, 9, 25–45.
- [18] Spencer, J.H.; Le, T.N. Parent refugee status, immigration stressors, and Southeast Asian youth violence. J. Immigr. Minority Health 2006, 8, 359–368.
- [19] Yehuda, R.; Halligan, S.L.; Grossman, R. Childhood trauma and risk for PTSD: Relationship to intergenerational effects of trauma, parental PTSD, and cortisol excretion. Dev. Psychopathol. 2001, 13, 733–753.
- [20] Messman-Moore, T.L.; Bhuptani, P.H. A review of the long-term impact of child maltreatment on posttraumatic stress disorder and its comorbidities: An emotion dysregulation perspective. Clin. Psychol. Sci. Pract. 2017, 24, 154.
- [21] Motoyama, Y. Columbiana, Mahoning, & Trumbull County Demographic, Industry, & Cluster Analysis. Author; The Ohio State University, City & Regional Planning: Columbus, OH, USA, 2020.
- [22] Felitti, V.J.; Anda, R.F.; Nordenberg, D.; Williamson, D.F.; Spitz, A.M.; Edwards, V.; Marks, J.S. Relationship of childhood abuse and household dysfunction to many of the leading causes of death in adults: The Adverse Childhood Experiences (ACE) Study. Am. J. Prev. Med. 1998, 14, 245–258.
- [23] Ondersma, S.J.; Chaffin, M.J.; Mullins, S.M.; LeBreton, J.M. A brief form of the Child Abuse Potential Inventory: Development and validation. J. Clin. Child Adolesc. Psychol. 2005, 34, 301–311.
- [24] University of Kansas Center for Public Partnerships and Research. The Protective Factors Survey, 2nd ed.; FRIENDS National Center for Community-Based Child Abuse Prevention: Chapel Hill, NC, USA, 2018.
- [25] Kalinyak, C.M.; Gary, F.A.; Killion, C.M.; Suresky, M.J. Components of a TIP model program. J. Behav. Health Serv. Res. 2017, 44, 331–340.
- [26] Maguire-Jack, K.; Johnson-Motoyama, M.; Parmenter, S. A scoping review of economic supports for working parents: The relationship of TANF, child care subsidy, SNAP, and EITC to child maltreatment. Aggress. Violent Behav. 2021, 65, 101639.