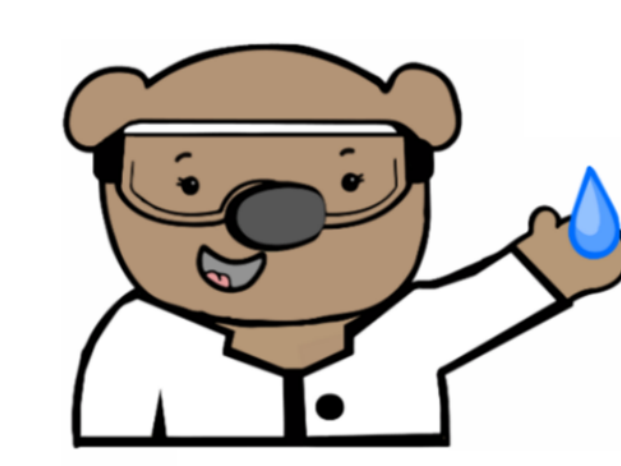




Implementing Environmental Justice and Water Issues Training into The Gandhi-King Exchange Initiative



TRAIN THE TRAINERS



College of Engineering
Civil, Construction and Environmental Engineering

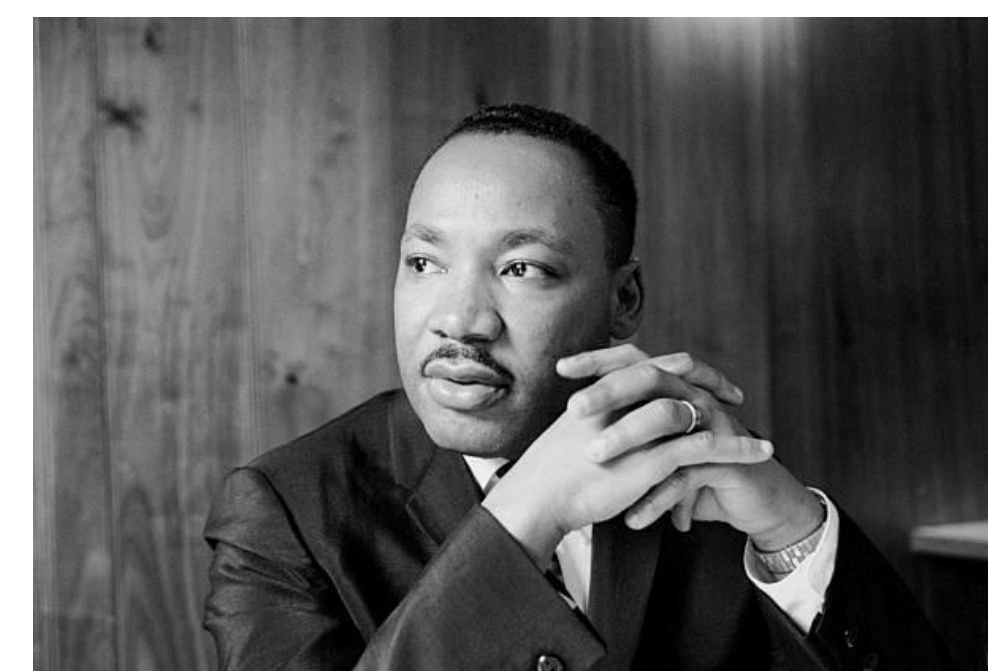
LeAnna Roberts

Need Within the Gandhi-King Exchange Initiative

The Gandhi-King Exchange Initiative was passed by Senator John Lewis with the goal of creating opportunities for young adults with a demonstrated potential in civic leadership from the United States and India to have global training that advances social justice through the lens of the legacy of Mahatma Gandhi and Dr. Martin Luther King Jr.

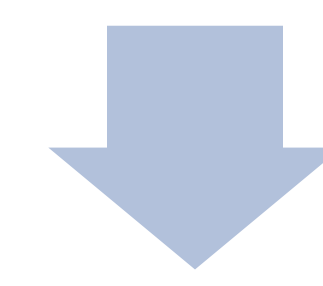
The 20 selected scholars undergo an interdisciplinary approach using social studies, art, and counseling to examine social advocacy, justice, and peace. This year the Gandhi-King Initiative wants to incorporate STEM training from the lens of increasing equity and access. STEM education and water literacy development stimulate an interest and value in environmental justice that scholars can continue to spread in their respective communities.

With sanitation equity gaps being something experienced globally, specifically in low-income areas such as Alabama's nearby Black Belt region as well as in many regions of India, training scholars to consider the equities of solution and fund distribution is vital. In India only 37% of municipal sewage and 62% of industrial wastewater is treated (Sarkar and Bharat, 2021). This contributes to health-damaging pollution.

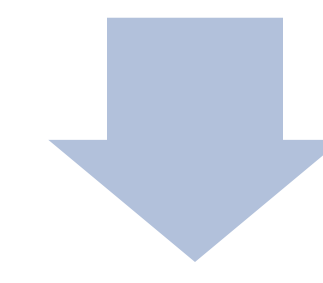


Training Strategy

Environmental justice presentations and videos to inform the audience of varied backgrounds



Investigation of a Real-World Case Study



Civic Leadership and Decision-Making Simulation



Goals and Outcomes



Increase interest and understanding of environmental misjustices and sanitation gaps



Empower scholars to educate and advocate for environmental justice within their community



Cultivate a global perspective that accounts for socioeconomic inequities when addressing environmental injustice



Simulate critical and equitable thinking in civic leadership situations

References

1. Sarkar, S. K., & Bharat, G. K. (2021). Achieving Sustainable Development Goals in water and sanitation sectors in India. *Journal of Water, Sanitation and Hygiene for Development*, 11(5), 693-705.
2. Getty Images
3. The University of Alabama News Center

Acknowledgements

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