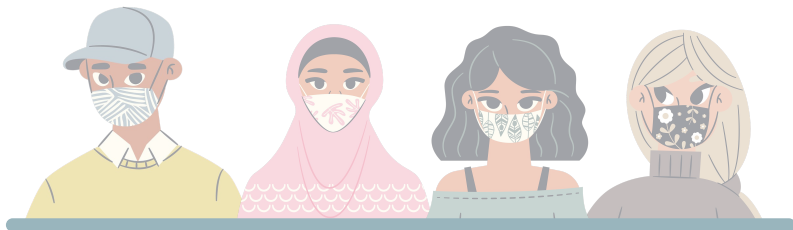


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the problem of science literacy

- Many citizens do not have a firm grasp of basic science concepts or the scientific process (NIH, 2020)
- Value anecdotes over evidence
- Misinformation is abundant



the problem of science literacy

Many citizens

- do not have a firm grasp of basic science concepts or the scientific process (NIH, 2020)
- Value anecdotes over evidence
- Misinformation is abundant



Scientist



Public

*The making of science is
not transparent*



Scientist



Public

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Scientist by LINECTOR from the Noun Project
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Scientist

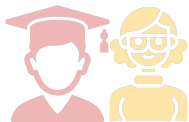


Public

How can we work towards a healthy science ecosystem?

mindHIVE

is a web-based citizen science platform that supports real-world brain and behavior research for



students & teachers who seek authentic STEM research experiences



neuroscientists & cognitive/social psychologists who seek to address their research questions outside of the lab



community-based organizations to conduct grassroots, science-based research for policy change

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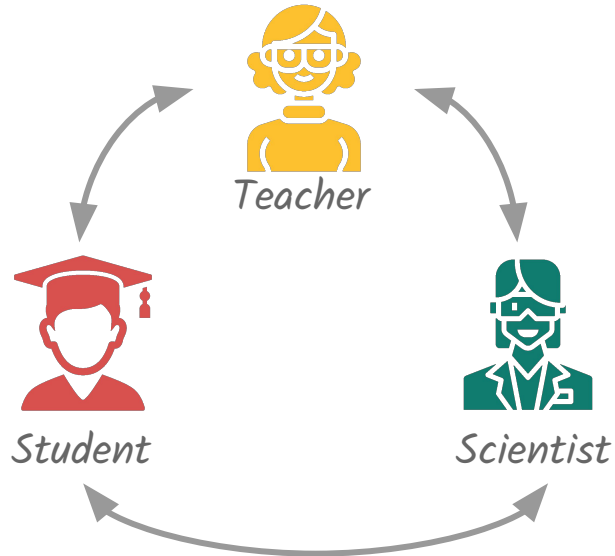


community-based organizations who seek to conduct grassroots, science-based research for policy change

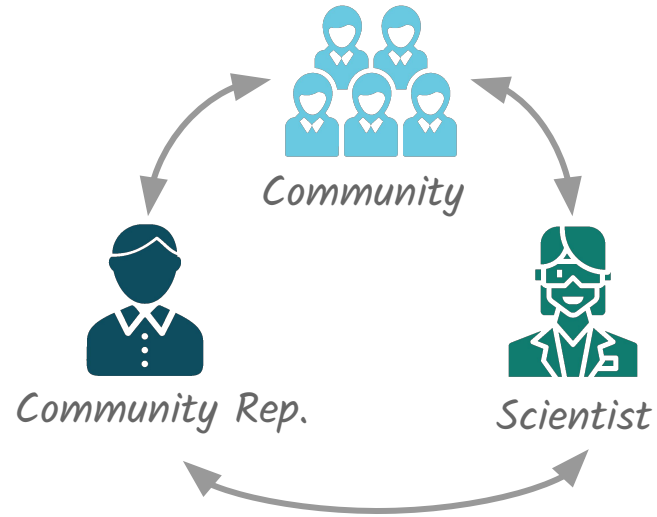
Citizen Science

Image attribution:
Teacher by Komkrit Noenpoempisut from the Noun Project
Student by Wilson Joseph from the Noun Project
Man by Made from the Noun Project

Scientist-teacher-student partnerships



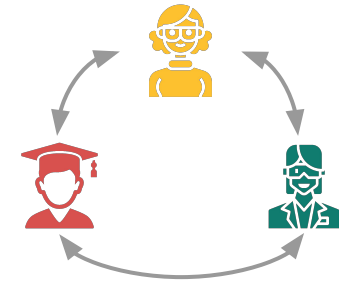
Community-Scientist partnerships



Scientist-teacher-student partnership




GRACE




11th and 12th grade
environmental science class in a
private high school in
New York City


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Photo on Unsplash




Are your climate decisions influenced by your peers?



Are you a risk taker?



How has COVID-19 affected your community?




How do we cope with global pandemics?



Are your climate change decisions influenced by your peers?

Rebecca Martin, NYU



Are you a risk taker?

Robb Rutledge, Yale University



Students participate in scientist-initiated study

1

Students design their own study

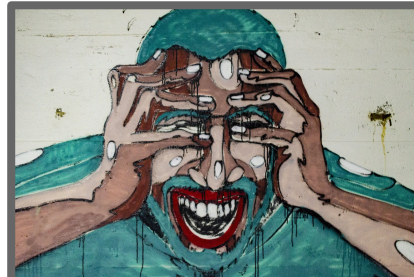
2

Scientist incorporates student ideas into studies

3

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*Student-initiated studies
exploring the relationship
between COVID-19 and...*



Stress



Mob mentality



Personality



Zoom & mental health



Students participate in
scientist-initiated study

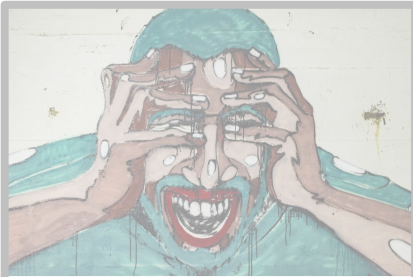
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Students design their
own study

2

Scientist incorporates
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3



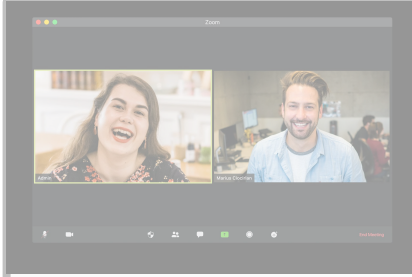
Stress



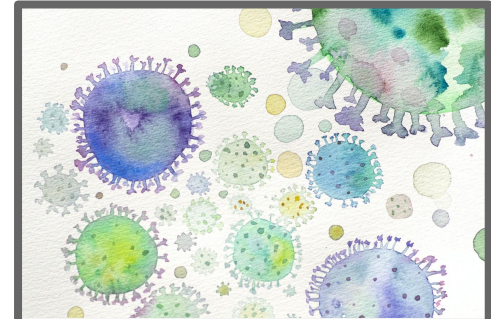
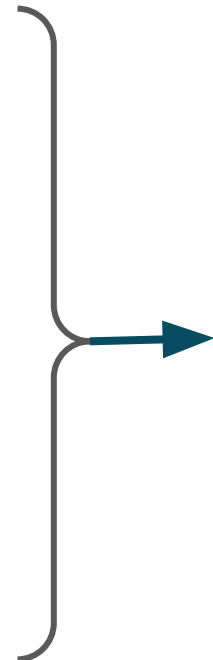
Mob mentality



Personality



Zoom & mental health



How do students cope with the coronavirus pandemic?



Students participate in scientist-initiated study

1

Students design their own study

2

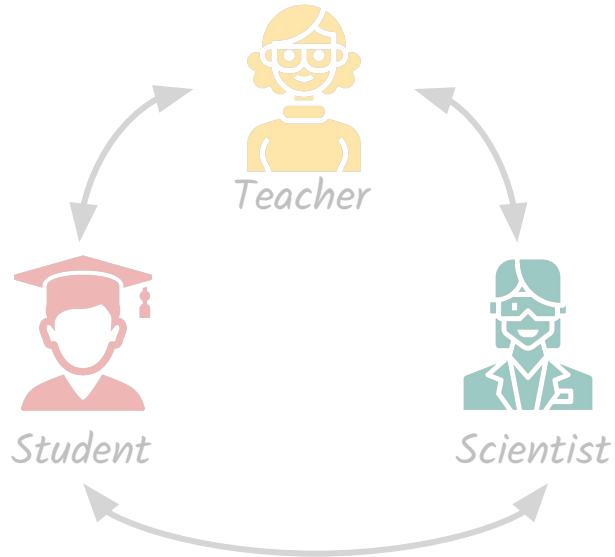
Scientist incorporates student ideas into studies

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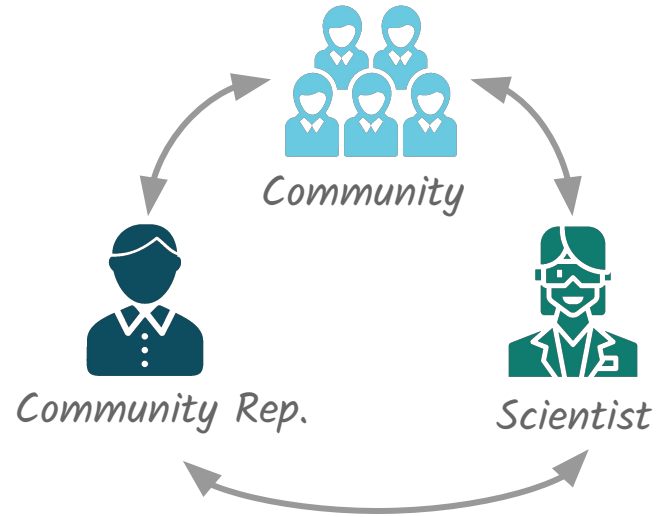


Citizen Science

Scientist-teacher-student
partnerships



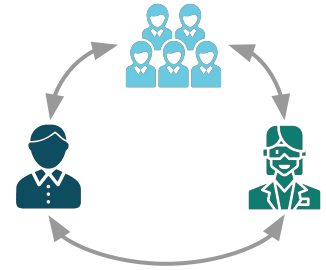
Community-Scientist
partnerships



Community-scientist partnership

Brownsville Sentiment

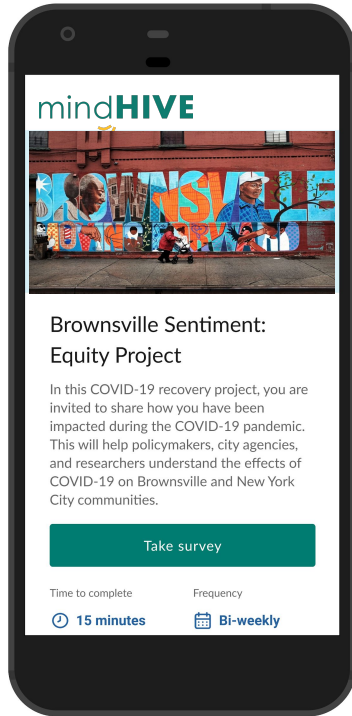
EQUITY PROJECT



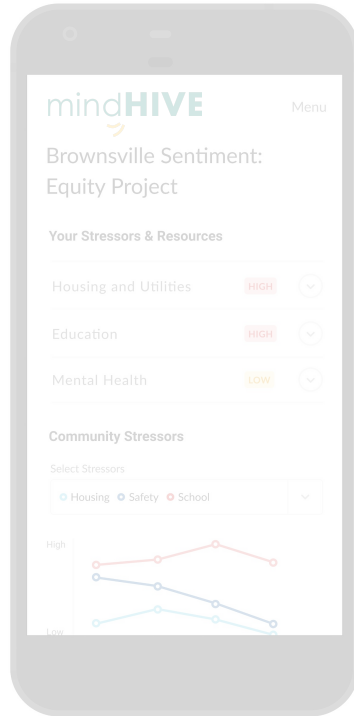
Longitudinal study with BV adults and adolescent over the course of 6 months

- MindHive team
- NGO Public Sentiment
- UC Berkeley
- Working group of 6 community reps of Brownsville, Brooklyn, including youth workers

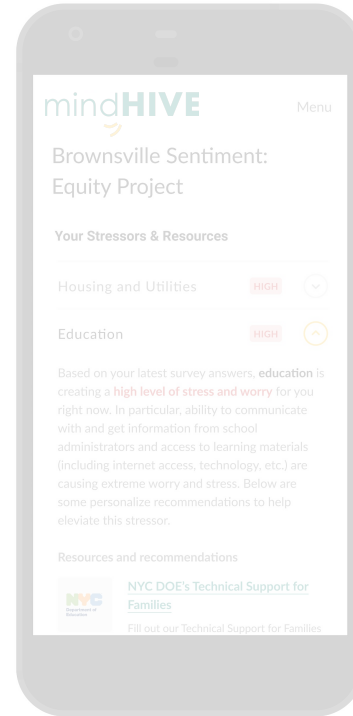




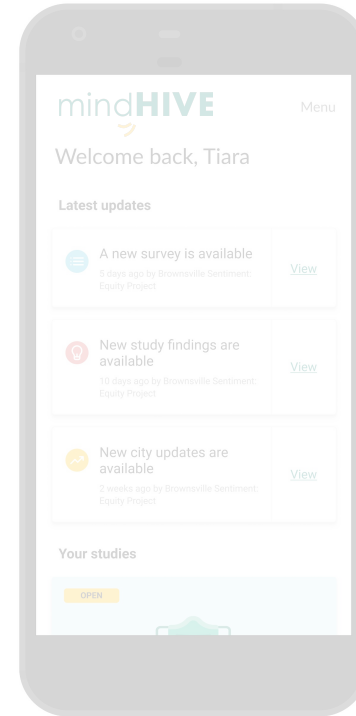
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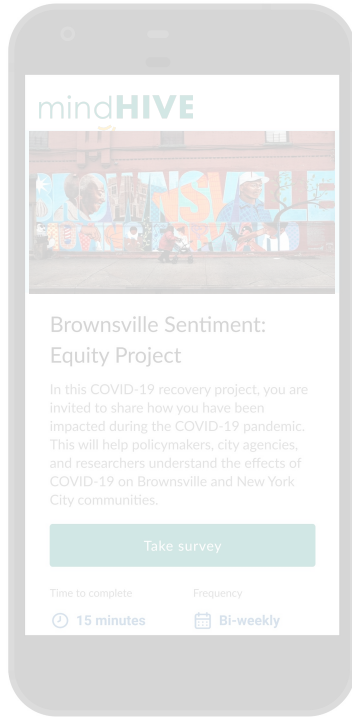
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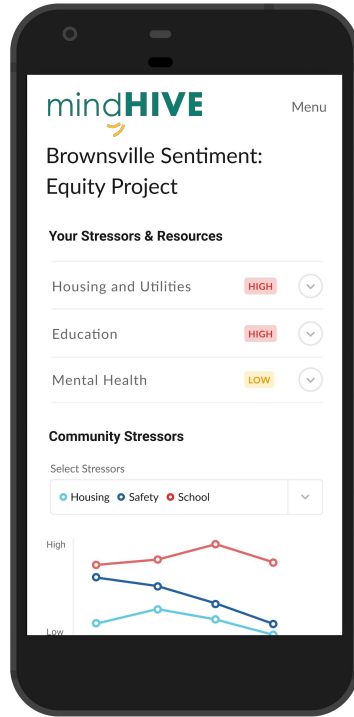
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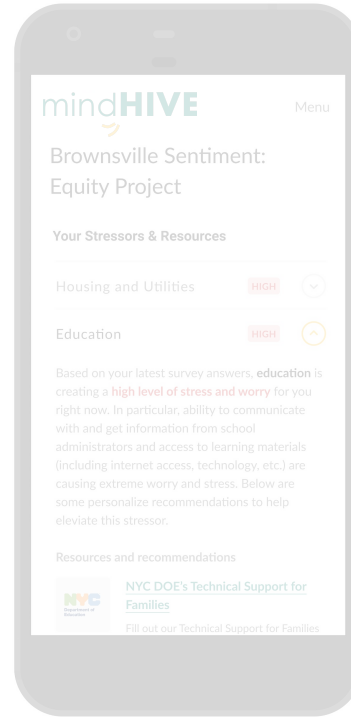
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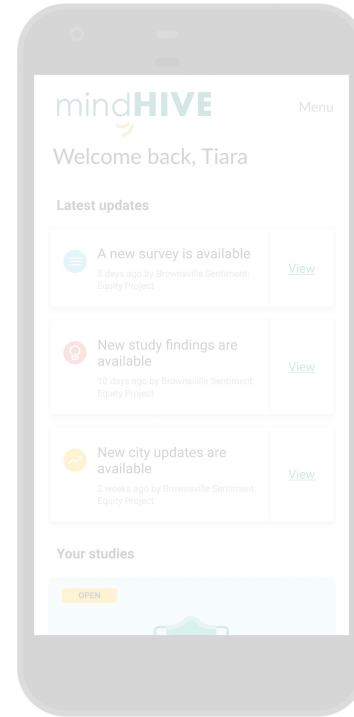
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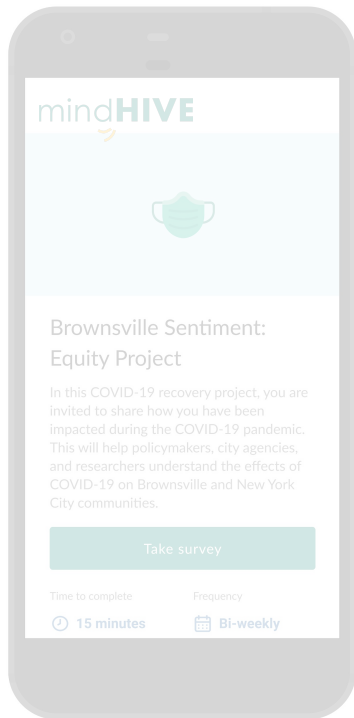


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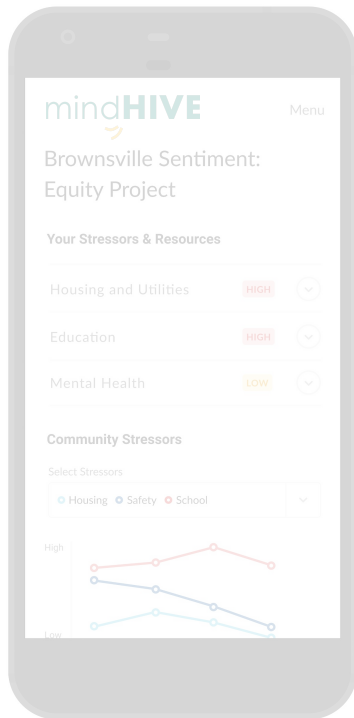


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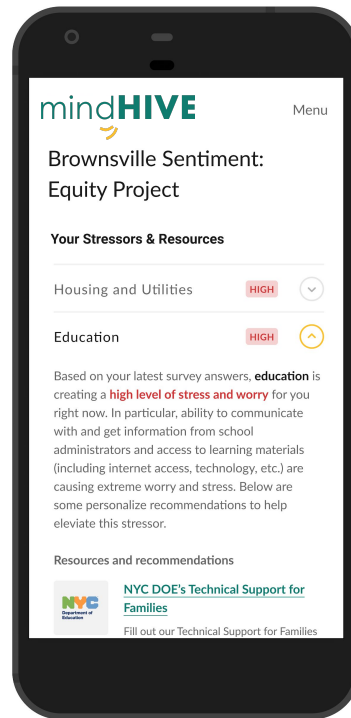




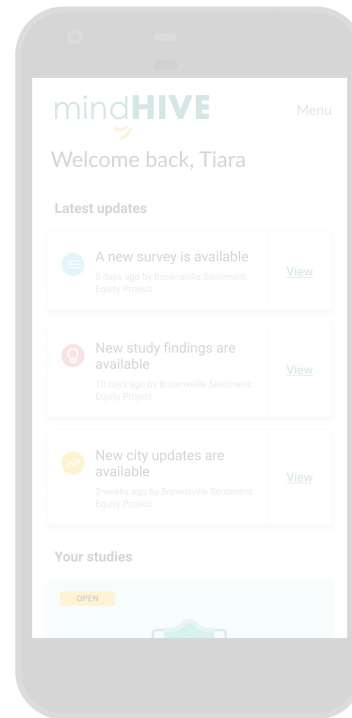
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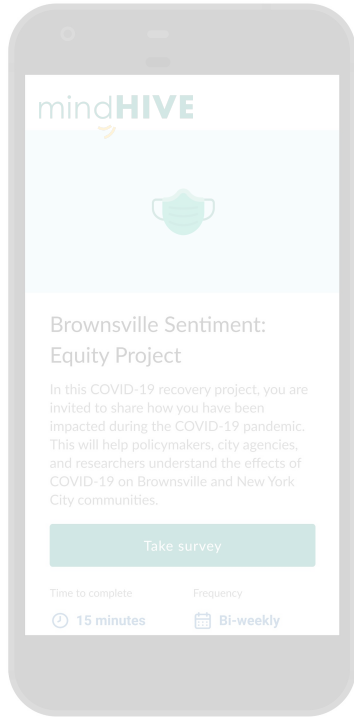
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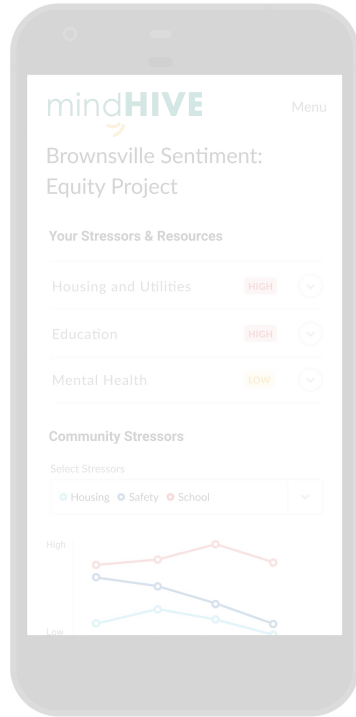
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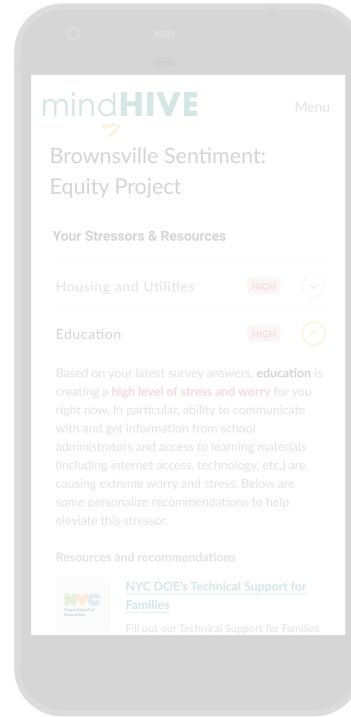
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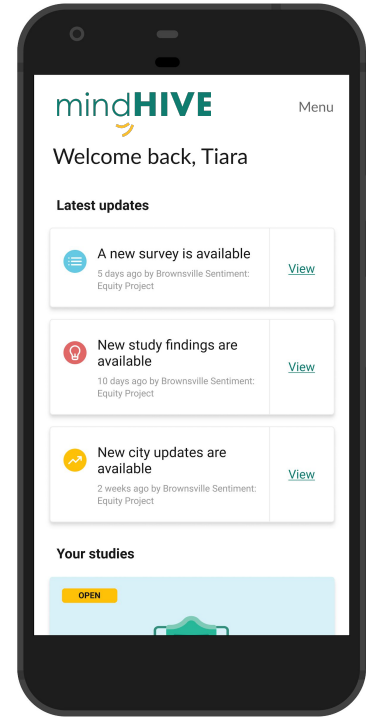
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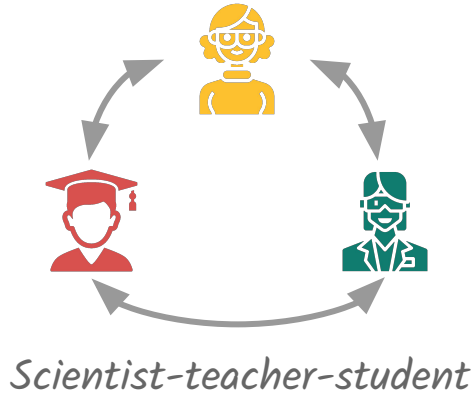
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Summary

mindHIVE

is a web-based citizen science platform that supports real-world brain and behavior research.

Partnerships

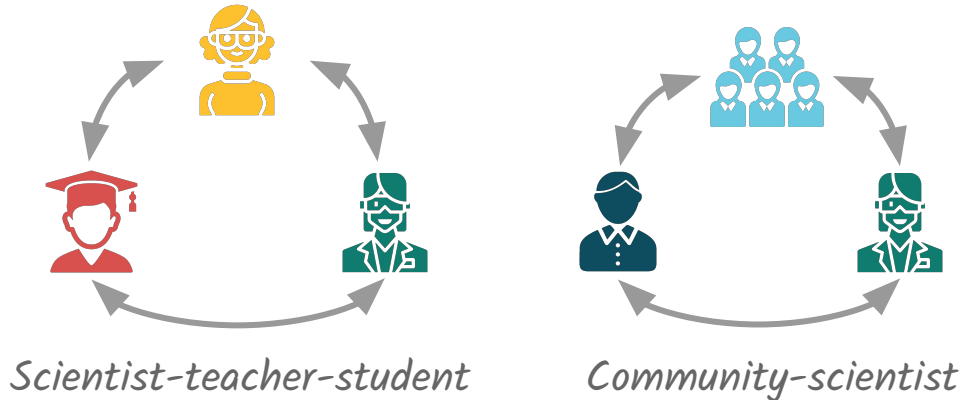


Summary

mindHIVE

is a web-based citizen science platform that supports real-world brain and behavior research.

Partnerships



- ➔ Scientists can access more diverse study populations, like adolescents who are typically difficult to recruit

Thank you for your attention!

info@mindhive.science

Our collaborators

Scientist Partners

Robb Rutledge, Yale University

Dacher Keltner, UC Berkeley

Julia Basso, Virginia Tech

Rebecca Martin, NYU

Kim Noble, Columbia

Natalie Brito, NYU

Community Organizations

Public Sentiment

Teachers

Kim Chaloner, Grace Church School

Marc Sole, Talent Unlimited HS

Joshua Wickline, East Side Community HS

Our team



mind**HIVE**



info@mindhive.science