

# Center Highlights

The Human Exposome Research Center: Understanding Lifetime Exposures (HERCULES) was established in May 2013.

Here we highlight accomplishments from the 2nd cycle of HERCULES funding from 2017 - 2021.

## Center Vision

To serve as an intellectual hub in the advancement and translation of exposome research to improve human health

## Growing Exposome Research

71

Center Members from 24 departments and divisions at Emory University and the Georgia Institute of Technology

9

Early career scientists were recruited and established at Emory through support of the Center

4 Cores offer services and opportunities to Center members to help further their research efforts. From 2017 through 2020:



Integrated Health Sciences Facilities Core (IHSFC)

68

members were assisted on project development



Community Engagement Core (CEC)

47

members increased their community engagement capacity with CEC services



Environmental Health Data Science Core (EHDSC)

50%

of members used data science services

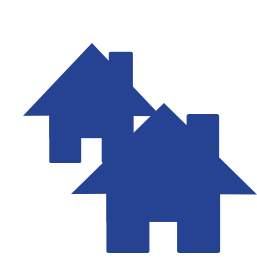


Pilot Project Program (PPP)

33

Pilot Projects funded: 19 led by early career scientists, 5 in partnership with a community

The CEC also connects HERCULES to:



18 communities and non-profit organizations



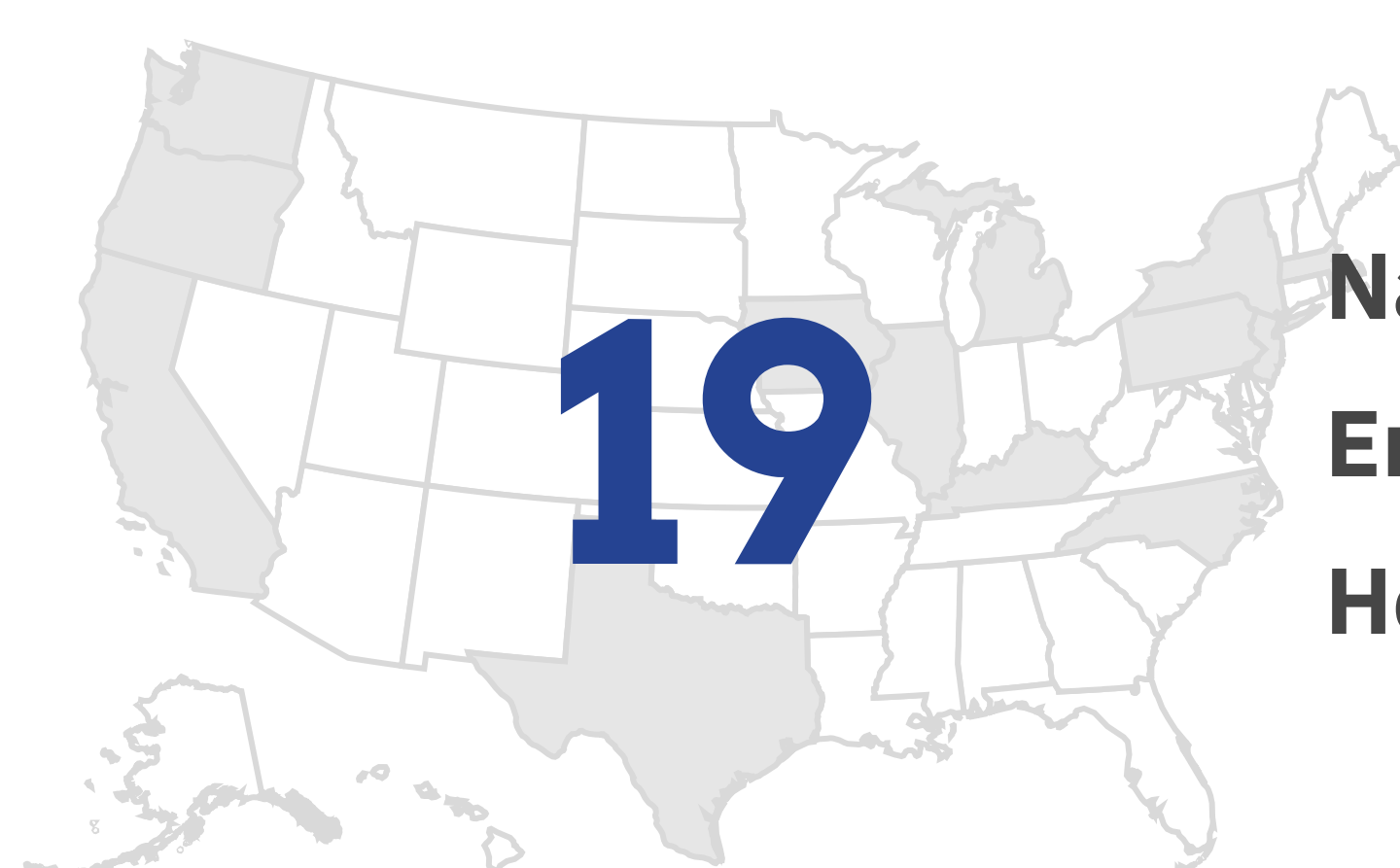
5 academic institutions



6 local, state, and national government agencies

## Advancing Exposome Research

Center Members and Center Cores collaborated with:



National Environmental Health Centers



Researchers across the country and around the world



- Members are supported by \$24 million in external research funding to support environmental health research.
- Pilot awards led to \$9.5 million in external research funding, a 12-fold return on investment.

## Translating Exposome Research to Improve Human Health

HERCULES supported research was translated and disseminated via:

276

peer-reviewed publications of innovative, translational, environmental health research

27

plain language summaries of funded Pilot Projects

16

infographics, 6 of which are in Spanish

10

plain language research summaries



18 grants totaling \$36,500 were awarded to Atlanta area community groups to support their efforts to address their environmental health concerns and take action.