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Places & Spaces Exhibit Debuts Macroscopes at University of Michigan's Clark Library

By: Ezra Engels

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Bloomington, IN. The Cyberinfrastructure for Network Science Center is pleased to announce that the *Places & Spaces* exhibit's newest collection of interactive data visualizations, or macroscopes, are now available for viewing at the University of Michigan's Clark Library and on scimaps.org <<https://scimaps.org/home>> . In addition to hosting an interactive kiosk featuring the four new and 28 previous macroscopes, the Clark Library is featuring a selection of *Places & Spaces* science maps from its own archival collection. The entire exhibition will be on display through November 23rd, 2022. To commemorate the launch of a new iteration of *Places & Spaces*, Dr. Katy Börner will deliver a presentation entitled "Science Maps & Macroscopes" on Friday, September 30, 2022, at 3pm in the Clark Library.

Announcing "Macroscopes for a New Perspective"

The 18th iteration of *Places & Spaces: Mapping Science* features four interactive visualizations that disrupt old habits of seeing, that challenge our common patterns of perception in order that we might see things anew. Looking at wellness through the lens of social, economic, and infrastructure factors, for example, opens up ideas for how policy and research can improve health. Looking at income segregation at the level of the individual visitor within the landscape captures the dimension of

movement. A shift in perspective can result in a richer and more multifaceted understanding of the subject at hand, whether that subject is egg shape or the motion of the stars.

- *Star Mapper* (Jan Willem Tulp)
- Using Hippacaros star mapping data to explore our night sky in 360 degrees.
- *Atlas of Inequality* (Esteban Moro, Alex Pentland, Xiaowen Dong, Dan Calacci)
- Analyzes mobile location data to visualize economic inequality in public places.
- *Cracking the Mystery of Egg Shape* (Sarah Crespi, Jia You)
- Uses a 'scrollytelling' style to describe the science behind why bird eggs have unique shapes.
- *Social Determinants of Health Visualization Tool* (Chang Zhao, Peter Herman, Andrea Malpica)
- Aggregates public datasets to compare health outcomes to their possible societal causes

For additional information about these interactives, please visit [scimaps.org](https://scimaps.org/home) <<https://scimaps.org/home>> .

About the Places & Spaces exhibition: Drawing from across cultures and across scholarly disciplines, *Places & Spaces: Mapping Science* demonstrates the power of maps to address vital questions about the contours and content of human knowledge. An interdisciplinary and international advisory board chose each one of the works in the *Places & Spaces: Mapping Science* exhibit as an outstanding example of how visualization can bring patterns in scientific data into focus. The exhibit is curated by the Cyberinfrastructure for Network Science Center at Indiana University. The exhibit has been on display at over 450 venues in 28 countries on 6 continents. It showcases the work of nearly 300 mapmakers that hail from 17 different countries. For further information, please visit our website at [scimaps.org](https://scimaps.org/home) <<https://scimaps.org/home>> .

About the Cyberinfrastructure for Network Science Center (CNS): CNS is a research center at Indiana University's Luddy School of Informatics and Computing in Bloomington, Indiana (<https://cns.iu.edu> <<https://cns.iu.edu>>). For more than 20 years, CNS has played a leading role in the field of data visualization, developing open source tools for the creation of data visualizations, offering online professional development classes in visual analytics, co-organizing international workshops and conferences, and promoting network science and visualization through international initiatives. CNS's research, teaching, and software development efforts benefit from long-term collaborations with colleagues in academia, government, and industry.

Media Contact

Jacob Warner

Luddy Director of Marketing and Communications

Phone: (812) 855-6357

jaawarne@iu.edu

LUDDY SCHOOL OF INFORMATICS, COMPUTING, AND ENGINEERING <[HTTPS://](https://luddy.indiana.edu)
LUDDY.INDIANA.EDU>