
LEARNING ABOUT THE COMPLEXITY OF SCIENCE THROUGH CITIZEN SCIENCE

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Understanding the complexity and multifaceted nature of science is a key skill for engaging fruitfully in today's scientifically and technologically enhanced society. Yet, these notions are often not taught in school or university contexts and thus are difficult for students and publics to conceive. One way to increase the understanding about the nature of science is by active participation in scientific research, through citizen science projects.

This paper presents a novel approach to citizen science, applied in E\$SENTIAL MEDICINE\$ – a Breaking Good citizen science project – for exploring the world's most important medicines (Motion et al., 2020). Through hands-on engagement with the project, participants investigate the life cycles and accessibility of important medicines to people around the world, and learn about the social, political and financial variables which affect access to some medicines. Such learning opportunities provide a holistic understanding of the complexity of science, and will be discussed in this talk alongside the implications and implementation of E\$SENTIAL MEDICINE\$ in formal education.

REFERENCE

Motion, A. et al. "Breaking Good." *Breaking Good*. Retrieved June 19, 2020 (<https://www.breakinggoodproject.com>).

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