Special Issue Call for Papers: Mathematics and Society

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Mathematics and Society

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The Journal of Humanistic Mathematics (http://scholarship.claremont.edu/jhm/*) is pleased to announce a call for papers for a special issue on Mathematics and Society. Please send your initial proposal submissions via email to the guest editors by August 15, 2022. Initial submission of complete manuscripts is due December 15, 2022. The issue is currently scheduled to appear in July 2023.*

Whereas mathematics education journals routinely feature current research into and critical reflections on the intersection of mathematics education and issues such as race, class, and gender, mathematical research into the problems relating to social justice remains a promising and yet not much explored subfield of inquiry. A prerequisite to such engagement is a deep sense of humility regarding local knowledges and prior work by creative and passionate people in other fields. Social scientists make efforts to learn the tools of mathematics in order to apply them to social systems.

Likewise, mathematicians need to learn about social science theories and structures in any attempt to engage with the world. Make no mistake, this is a tall order: we demand rigor in both mathematical and social scientific thinking. It is often weakness in the latter that leads to colonial and oppressive deployments of mathematics.

Thus, we invite submissions on mathematical approaches to problems of society, in particular, social inequity and social justice. We call for submissions in these topics involving mathematics of varied flavors; appropriate mathematical approaches may involve but are not limited to: political geometry, network analysis, topological social choice, applied category theory, applications of topological data analysis, and statistical work. Given the novelty of the field, we also invite speculative but substantiated work that ventures into yet unexplored ideas at the intersections of mathematics and society, namely, qualitative and quantitative mathematical approaches to race, gender, class, and power. We also invite submissions which explore educational approaches to the mathematics classroom, where justice is centered both as pedagogy and as content.

The Journal of Humanistic Mathematics prides itself on publishing a broad array of mathematical explorations including personal essays, mathematical research including education research and history of mathematics, art, and poetry. In the same spirit, we welcome submissions which span multiple disciplinary boundaries, ways of knowing, and ways of sharing.

Through this special issue on mathematics and society, we hope to highlight both the work that is being done across the various disciplines and the new areas of research that are yet unexplored but also urgent. Led by a flexible and inclusive conception of humanistic mathematics, we invite creative and rigorous mathematical thinking that is engaged in social processes and humanity.

JHM will also be recruiting peer reviewers for this issue. If you are interested in serving as a peer reviewer, please fill out the form below:

https://forms.gle/7R6CFkRm49Vk7Sic8

Alternatively, you might choose to contact the journal editors Mark Huber and Gizem Karaali.

Proposals emailed to the guest editors before August 15, 2022, that include tentative titles and brief formal or informal abstracts will be considered for the special issue. The guest editors will respond by September 15, 2022, and the full contributions will be due December 15, 2022. Note that acceptance of a proposal does not guarantee publication. The full work will still be subject to a peer-review process.

The issue is currently expected to be published in July 2023.

We welcome email inquiries from all those considering contributing to this issue.

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