

Journal of Child and Family Studies

Call for Papers

Artificial Intelligence and Machine Learning Applications in Behavioral and Social Sciences

Guest Editors

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The *Journal of Child and Family Studies* is organizing a Special Issue on *Artificial Intelligence and Machine Learning Applications in Behavioral and Social Sciences*. Artificial Intelligence (AI) and Machine Learning (ML) have been parts of the computer science field for many decades. More recently, due to significant increase of available data and the advances in AI and ML methodology and tools, they have become more frequently used in different areas outside computer science, including social and behavioral sciences. Different methods, such as, for example, random forests, neural networks, and elastic net have been used to increase the effectiveness of diagnosis and prediction of different conditions (e.g., autism, depression, suicide), to increase understanding of human development and functioning (e.g., parenting, romantic relationships, substance abuse), or to increase the effectiveness of data management in different social and human services (e.g., child welfare).

The purpose of this *Special Issue* is to provide a comprehensive examination of the state of the art applications of artificial intelligence and machine learning methodologies in social and behavioral sciences. The *Journal of Child and Family Studies* is an international forum for issues pertaining to the well-being of children and families, with original papers detailing basic and applied research, program evaluation, service delivery, and policy issues. The journal aims to advance theoretical understanding, shape policy, and inform practice and for this Special Issue welcomes submissions on applications of different artificial intelligence methodologies to social and behavioral sciences, with a focus on children and families. The Issue strives to spearhead *interdisciplinary collaborations* between scholars with different scientific backgrounds which could provide opportunities to find creative solutions to complex problems, such as, for example developing faster and more sophisticated and effective computational methods to analyze large data sets or developing more productive practices to improve social services that increase quality of life in general.

Potential contributors are invited to submit their papers by **June 1st, 2019**. The papers are expected to focus on original empirical research and development (reviews of literature will not be considered). For inquires please contact Mihaela Robila at Mihaela.Robila@qc.cuny.edu. For manuscript and online submission guidelines please refer to the Journal webpage. Authors should select SI: Artificial Intelligence and Machine Learning as the Article Type when submitting their paper for this Special Issue.