VIRTUAL HUMAN DEVELOPMENT

Alexandria Volkening

Alexandria Volkening is an Assistant Professor of Mathematics and (by courtesy) Biomedical Engineering at Purdue University. The Volkening group focuses on understanding how cells or other agents come together to create group-level dynamics, particularly in developmental-biology settings. Her research combines predictive, data-driven modeling (including agent-based and continuum perspectives) with novel approaches for quantifying previously qualitative biological data at large scale to better understand variability and plasticity in cellular self-organization.

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