

Nathaniel Stockham

Ph.D. Student in Neurosciences, admitted Autumn 2015

Publications

PUBLICATIONS

- **The human "contaminome": bacterial, viral, and computational contamination in whole genome sequences from 1000 families.** *Scientific reports*
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- **Causal Modeling to Mitigate Selection Bias and Unmeasured Confounding in Internet-Based Epidemiology of COVID-19: Model Development and Validation.** *JMIR public health and surveillance*
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- **Improved Digital Therapy for Developmental Pediatrics Using Domain-Specific Artificial Intelligence: Machine Learning Study.** *JMIR pediatrics and parenting*
Washington, P., Kalantarian, H., Kent, J., Husic, A., Kline, A., Leblanc, E., Hou, C., Mutlu, O. C., Dunlap, K., Penev, Y., Varma, M., Stockham, N. T., Chrisman, et al
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- **Identification of Social Engagement Indicators Associated With Autism Spectrum Disorder Using a Game-Based Mobile App: Comparative Study of Gaze Fixation and Visual Scanning Methods.** *Journal of medical Internet research*
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- **Training Affective Computer Vision Models by Crowdsourcing Soft-Target Labels** *COGNITIVE COMPUTATION*
Washington, P., Kalantarian, H., Kent, J., Husic, A., Kline, A., Leblanc, E., Hou, C., Mutlu, C., Dunlap, K., Penev, Y., Stockham, N., Chrisman, B., Paskov, et al
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- **Training Affective Computer Vision Models by Crowdsourcing Soft-Target Labels.** *Cognitive computation*
Washington, P., Kalantarian, H., Kent, J., Husic, A., Kline, A., Leblanc, E., Hou, C., Mutlu, C., Dunlap, K., Penev, Y., Stockham, N., Chrisman, B., Paskov, et al
2021; 13 (5): 1363-1373
- **A maximum flow-based network approach for identification of stable noncoding biomarkers associated with the multigenic neurological condition, autism.** *BioData mining*

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- Varma, M., Paskov, K. M., Chrisman, B. S., Sun, M. W., Jung, J., Stockham, N. T., Washington, P. Y., Wall, D. P.
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 - **Activity Recognition with Moving Cameras and Few Training Examples: Applications for Detection of Autism-Related Headbanging**
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 - **Coalitional Game Theory Facilitates Identification of Non-Coding Variants Associated With Autism** *BIOMEDICAL INFORMATICS INSIGHTS*
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Sun, M. W., Gupta, A., Varma, M., Paskov, K. M., Jung, J., Stockham, N. T., Wall, D. P.
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