Logan Everett, Bioinformatics Scientist, in EPA's National Center for Computational Toxicology

Mailing Address

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Area of Expertise: Dr. Everett is an experienced scientist with a wealth of expertise in bioinformatics, computer science, genomics, statistics, genetics and molecular biology. His research at NCCT is focused on advancing the application of high-throughput transcriptomics in chemical screening. He received a B.S. in Computer Science and Ph.D. in Genomics and Computational Biology, followed by extensive post-doctoral training in various applications of next-generation sequencing data analysis. Prior to coming to the U.S. EPA, Dr. Everett worked as a Senior Bioinformatics Scientist at Sciome, LLC and helped support research under the National Toxicology Program.

Select Publications:

- Hardy CM, Burke MK, **Everett LJ**, Han MV, Lantz KM, Gibbs AG. *Genome-wide analysis of starvation-selected Drosophila melanogaster—A genetic model of obesity.* Molecular Biology and Evolution 2018, 35(1):50-65
- Garlapow ME, **Everett LJ**, Zhou S, Gearhart AW, Fay KA, Huang W, Morozova TV, Arya GH, Turlapati L, St Armour GE, Hussain YN, McAdams SE, Fochler S, Mackay TF. *Genetic and genomic response to selection for food consumption in Drosophila melanogaster.* Behavior Genetics 2017, 47(2):227-243
- Soccio RE, Chen ER, Rajapurkar SR, Safabakhsh P, Marinis JM, Dispirito JR, Emmett MJ, Briggs ER, Fang B, **Everett LJ**, Lim HW, Won KJ, Steger DJ, Wu Y, Civelek M, Voight BF, Lazar MA. *Genetic variation determines PPARγ function and antidiabetic drug response in vivo.* Cell 2015, 162(1):33-44
- Fang B*, **Everett LJ***, Jager J*, Briggs E, Armour SM, Feng D, Roy A, Gerhart-Hines Z, Sun Z, Lazar MA. *Circadian enhancers coordinate multiple phases of rhythmic gene transcription in vivo.* Cell 2014, 159(5):1140-1152 (**co-first authors*)

View more research publications by Logan Everett

Education:

- B.S., Binghamton University, Vestal, NY; Computer Science, 2004
- Ph.D., University of Pennsylvania, Philadelphia, PA; Genomics and Computational Biology, 2010

Professional Experience:

- Member, International Society for Computational Biology, 2012 - Present
- Co-organizer, Workshop on Systems Genetics in Complex Populations, The Allied Genetics Conference, 2016
- Guest Lecturer, *Human and Biomedical Genetics*, North Carolina State University, 2016-2017
- Best Poster Award, Regulatory Genomics Special Interest Group, International Conference on Intelligent Systems for Molecular Biology, 2016
- Ruth L. Kirschstein National Research Service Award, Postdoctoral Training Fellowship, NIDDK (F32 DK095526), 2012-2014

Additional Publications:

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