Dr. James Vincent

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James Vincent, Research Assistant Professor of Biology, is the director of the Bioinformatics Core for the Vermont Genetics Network (VGN).

Dr. Vincent received a BS in Chemistry and a BS in Computer Science from the University of Vermont. He earned his doctoral degree in Computational Chemistry from the Pennsylvania State University under a National Science Foundation fellowship in high performance computing.

He completed three years of postdoctoral training at the National Cancer Institute (NCI), National Institutes of Health before accepting a position as Staff Scientist in the Bioinformatics and Molecular Modeling Section of the Laboratory of Molecular Biology, NCI.

While at the NCI, Dr. Vincent worked collaboratively with molecular biologists in a large-scale cancer gene discovery program. In addition, Dr. Vincent produced theoretical models of cancer drugs to reduce side effects.

As director of the Bioinformatics Core, Dr. Vincent will help integrate the proteomics and microarray facilities into the research programs of members of the Vermont Genetics Network.