

David Vitrant

Experience

FundScience Inc, Non-Profit 501(c)3 Startup, Pittsburgh PA.

November 2007 - Current

Executive Director

- Developing a charity to allow the public to fund pilot research projects.
- Providing a collaborative environment for researchers and the public to meet and interact.

Paul Robbins Lab, Pittsburgh, PA

August 2002 - Present

PhD Candidate

- Use of phage integrase as a technique of gene therapy for Rheumatoid Arthritis.
- Study and use of LMP for fracture healing and elucidation of the bone formation pathway.
- Discovering miRNAs in Exosomes and developing Pancreatic, Head and Neck, and Breast Cancer diagnostic profiles and KSV, EBV, CMV viral infection profiles based on blood samples.

Massimo Pietropalo, Diabetes Research Institute, Pittsburgh PA.

September 2001 - August 2002

Research III Position

- HLA typing of Diabetes Type II
- Development of assays for early detection of Type II Diabetes.

Phil Campbel, John Doctor, and John Hollinger. Center for Regenerative Medicine. CMU

Summer 2000

Researcher

- Bone Fracture Healing.
- 3D collagen bead cell development for bone modeling.

Javier Lopez Lab, Carnegie Mellon University

September 1998 - Summer 2001

Researcher

- Alternative Splicing of RNA in Drosophila.

Award

Howard Hughes Fellow, Pittsburgh, PA

Fellowship for alternative splicing of RNA research.

Education

University of Pittsburgh, Pittsburgh, PA

2002-Current

- PhD, Human Genetics.

Carnegie Mellon University, Pittsburgh, PA

1997-2001

- BS, Biological Sciences.
- Special Concentrations in: Virology, Developmental Biology, and Genetics
- Minor in Chemistry.