

## **Marc E. Gillespie - Statement of Intent**

### **Intended Contributions/Reason for Running**

My excitement and curiosity are most strongly driven by the biocuration projects that I work on. The creation of the ISB is a boon for us who are lucky enough to know about it; there are still many who do not. In preparing for the 2014 Biocuration meeting I met numerous people who would benefit from the ISB, but had heard nothing of it. My goal is the expansion of the ISB, while still maintaining the robust sense of spirit and dynamism that we have now. I look forward to the opportunity to serve the society.

### **Bio-sketch:**

I received my doctorate in Oncological Sciences from the University of Utah in 1998 and am now a Professor in the Department of Pharmaceutical Sciences at St. John's University College of Pharmacy and Health Sciences in New York City. I received a BA in Zoology from the University of Vermont, worked as a lab technician at Cold Spring Harbor Laboratory and New York University Medical Center. My post doctoral fellowship was done at Memorial Sloan Kettering's Sloan Kettering Institute in NYC, working in x-ray crystallography.

I am trained as a molecular biologist with specialties in protein biochemistry, bioinformatics, biocuration, proteomics, and toxicology. My work in biocuration began when I joined the Reactome Team in 2003, guiding curation on Reactome modules, a pathway database of cellular level processes from "simple" events (biochemical reactions), to "complex" biological process (cell cycle). Much as I learned and grew in bioinformatics, I have been honored to grow into biocuration with the Reactome Project. I was a co-chair for the 2014 Biocuration meeting in Toronto, where I had the distinct pleasure of working more directly with the ISB.

I lead a research group focused on bioinformatics and biomarker discovery at St. John's University. Current projects range from the identification of chronic low-level lead exposure and manganese toxicity biomarkers to the mechanics of inflammatory inhibitor release. I served the University as a interim director of the Institute for Biotechnology, currently Chair the Institutional Biosafety Committee, lead institutional accreditation efforts and assessment.

I have taught courses in pharmacogenomics, public health, human anatomy & physiology, toxicogenomics, and molecular biology and have experience from academia and industry to public health policy. I have been learning, conducting, developing tools for, and teaching science for more than thirty years and am active at all levels of science.

## ISB Election Conflict of Interest Statement

### Declaration of Interest

<b>Person or organization</b>	<b>Nature of relationship and/or nature of conflict of interest</b>
Professor – St. John’s University	None
Biocurator – Reactome.org	None
Review Board - Research & Practice In Assessment	None
Adjunct Professor - New York University School Of Medicine	None
Chair – Committee on Outcomes And Assessment – St. John’s University	None
Chair – Institutional BioSafety Committee – St. John’s University	None
Review Board - Research & Practice In Assessment	None
Chief Editor – Vincention Social Action & Service Journal - – St. John’s University	None
Vice President Elect, Molecular and Systems Biology Specialty Section – Society of Toxicology	None

Name: Marc E. Gillespie

Date: 8 September 2015