Curriculum Vitae

Joe Bible, Ph.D. Candidate

Address: 512 West Ormsby Avenue
Unit 107
Louisville, KY 40203
Tel: (404) 246-6568
Email: jbible831@gmail.com

Education:

2011-present	Ph.D. Candidate, Department of Biostatistics and Bioinformatics University of Louisville Louisville, KY 40208
2009-2011	M.S., Applied Statistics Kennesaw State University Kennesaw, GA 30144
2007-2009	B.S., Secondary Mathematics Education Kennesaw State University Kennesaw, GA 30144
2007	A.A., Mathematics Georgia Perimeter College Clarkston , GA 30021

Professional Experiences:

2011-present	Collaborative Research Statistician (GRA)-Conn Center for Renewable Energy Research, Louisville KY Implementation of informatics based techniques to investigate the so called materials genome.
Summer 2011	Business Analyst-Premium Retail Services Chesterfield, MO 63005 Provided onsite business/consumer analytics solutions, ranging fromPOS data analysis to fielding multinational consumer insight surveys.
Fall 2009-2011	Research Consultant/Analyst (GRA)-Kennesaw State University Department of Mathematics and Statistics Kennesaw, GA 30144 Provided assistance to numerous clients both internal and external, with projects that ranged from investigations into course scheduling to inform

course offerings to healthcare management survey analysis to pinpoint inconsistencies in nurse and supervisor attitudes.

Spring 2009 Mathematics Lecturer (GRA)-Kennesaw State University Department of Mathematics and Statistics
Kennesaw, GA 30144
Taught Undergraduate Precalculus.

Research Interests: Materials Science-band gap estimation
Periodontal Disease- carries/attachment Loss

Publications:

[1*] J. Bible, Susmita Datta, Somnath Datta **"**Finding Groups In Data" in Informatics for Material Science and Engineering (K. Rajan) Elsevier, to appear Summer 2013.

[2*] P. Dey, J. Bible, S. Datta, J. Jacinski, M.Sunkara, M. Menon and K. Rajan **"**Application of Feature Selection and Regression Algorithms for Band gap Engineering," Target journal, *Journal of Chemical Information and Modeling*.

[3*] Bible, J.* and Datta, S. Marginal regression analysis of clustered longitudinal data under terminal displacement.

*__Tentative__

Conferences:

SRCOS, Burns TN June 4, 2013.

RE3, Louisville KY on March 24, 2013.

Poster Presentations:

SRCOS Summer Research Conference 2013, June 4, 2013.

2013 Kentucky Workshop on Renewable Energy and Energy Efficiency, KY International Convention Center on March 24, 2013.

Professional Activities:

Co-taught a short course titled "Tools for Materials Genome Research" at 2013 Kentucky Workshop on Renewable Energy and Energy Efficiency, KY International Convention Center on March 24, 2013.

Funded by: National Science Foundation, Grant Number: DMS-1125909, "Solar: New Materials Search for Solar Energy Conversion to Fuels", September 2011 - August 2014.