Curriculum Vitae

Joe Bible, Ph.D. Candidate

Address: 512 West Ormsby Avenue
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                 Louisville, KY 40203
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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, 2013.

[2] P. Dey, J. Bible, S. Datta, J. Jacinski, M.Sunkara, M. Menon and K. Rajan "Informatics-Aided Bandgap Engineering for Solar Materials", Computational Materials Science, 2013.

[3] Partha Dey, Joe Bible and Somnath Datta "Applications of feature selection and regression techniques in material design: A Tutorial" Book chapter in progress.

[4]* Bible, J. and Datta, S. "Marginal regression analysis of clustered longitudinal data under terminal displacement." Target journal: Bioinformatics.

[5]* Bible, J. and Datta, S. Garcia, M. "Bandgap estimation of ternary mixtures." In progress.

*Tentative**

Conferences:

SRCOS, Burns TN June 4, 2013.

RE3, Louisville KY on March 24, 2013.

Joint Statistical Meetings, Boston August 2, 2014.

Poster Presentations:

Joint Statistical Meetings, Boston August 2, 2014.

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:

Colloquium presentation titled "Marginal Model Estimation: Weighted Generalized Estimating Equations" Kennesaw State Department of Statistics and Analytical Sciences, October 18, 2014.

Colloquium presentation titled "Modeling Band Gap of Binary Compounds: Defining the solid solutions problem." Conn Center Renewable Energy Colloquium, August 29, 2014.

Co-author grant proposal titled "Use of a predictive approach in the design of new dilute magnetic semiconductors", in progress as of August 18, 2014.

Student colloquium presentation titled "Informatics Based Bandgap Estimation" October, 2013 meeting of the KY chapter of the American Statistical Association.

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.