William Paterson University
College of Science and Health
<u>Department of Computer Science</u>

COMPUTER SCIENCE SEMINAR

April 9, 2015 (Thursday), 12:30 PM – 1:55 PM
Science Hall West 201

MongoDB: Document-Oriented Database

Ian Bentley (MongoDB, Inc.)

<u>Abstract:</u>

MongoDB is an open source, document-oriented database, which has gained a lot of momentum. In this talk, we will discuss what makes MongoDB different than traditional (relational) databases, and what benefits these differences afford a developer. We will also look at some customers who have had success transitioning to MongoDB. You can expect to leave with a basic understanding of the MongoDB data format, how we achieve high availability through replication, how our sharing system works, and how to write and optimize queries.

<u>Biography:</u>

Ian Bentley has been a Senior Engineer at MongoDB Inc. for close to three years. During his tenure at the company he has worked to improve inter-departmental communication with tooling, improve the Support teams tooling, and recently has moved to working on the MMS Backup cloud solution. Ian has a background working at various startups in New York and Toronto, but before entering industry he completed a Masters degree at Queens University in southern Ontario. Academically Ian was interested in unconventional computation and wrote a thesis on analysis of vastly distributed algorithms.

All are welcome. For further information, please contact Dr. Salimur Choudhury (ext. 3383), choudhurys3@wpunj.edu, or Dr. Cyril S. Ku (ext. 2952), kuc@wpunj.edu.