

## DMS Faculty Achievements

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In addition to their work teaching and mentoring students, DMS faculty also engage in regular research projects. While our newsletter typically reports only large, collaborative efforts, this month, we take the time to recognize several recent accomplishments by individual faculty members. Congratulations on the following DMS faculty achievements:

Dr. Moses Haimbodi, recently voted the new chair for our department, was awarded a summer Faculty Development Grant to continue his work on geometrical optimization of CdSe quantum dots using DFT. Dr. Haimbodi also submitted a proposal for a \$2 Million grant from the Department of Energy for a project in green H<sub>2</sub> production. This grant was submitted in collaboration with collaborators from Eastern New Mexico University, New Mexico State University, and the Pacific Northwest National Laboratory

Professor Abel Ayele also received a Faculty Development Grant to fund a new project titled "Reimagining Data Literacy as an Essential Component of the 21<sup>st</sup> Century Liberal Arts Education." He will present the results of this project at one of the Spring workshops organized by the Faculty Development Committee and the Center for Excellence in Teaching and Learning.

Finally, Dr. Jawahar Pathak presented his work on finite commutative rings at the 34<sup>th</sup> Midwest Conference on Combinatorics and Combinatorial Computing in late October. The conference was held at the Illinois State University. Dr. Pathak's talk was entitled "On the finiteness of a commutative ring with divisor hyper-graph and the classification of finite commutative rings with  $HG(R)=2$ ."

Congratulations again to these DMS faculty members. It is through numerous efforts like these that our department, and indeed Lincoln University as a whole, remains involved with the greater world of academic research.