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Whitney Tarpy

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Pharmaceutics Graduate Student Honored for 3D Printing Research

Jiaxiang Zhang awarded Best Oral Presentation at annual pharmaceutical meeting

AUGUST 15, 2018 BY **WHITNEY TARPY**



Jiaxiang Zhang

OXFORD, Miss. – Jiaxiang Zhang, a University of Mississippi graduate student in the School of Pharmacy’s **Department of Pharmaceutics and Drug Delivery**, was awarded Best Oral Presentation at the annual meeting of the Controlled Release Society in New York City last month.

Zhang’s presentation focused on combining 3D printing with hot-melt extrusion, a process that melts and mixes polymers and drugs into rod-like shapes. Once formed, the rods can be delivered immediately into a 3D printer to create personalized drug dosages in the forms of tablets, capsules and films.

“Without Ole Miss, I wouldn’t have gotten this award,” Zhang said. “I’m thankful that the university has the facility and equipment for these projects and for the unprecedented freedom to explore new ideas, materials and designs.

“This award is not only for me, but also to encourage young scientists who want to help improve the lives of others through this field.”

Mike Repka, Zhang’s adviser and chair of the Department of Pharmaceutics and Drug Delivery, has worked with Zhang for four years on his 3D printing research.

“Jiaxiang delivered an animated, yet clear, presentation that showed his interest in the topic and that he was deserving of this recognition,” said Repka, who is also director of the **Pii Center for Pharmaceutical Technology**. “His novel ideas have been great for our discussions and presentations at various conferences.”

After earning his pharmaceutical engineering degree from Northwest University in his home country of China, Zhang continues to grow his expertise. He hopes that this award, along with the resources within the **School of Pharmacy**, will help him solve problems facing the pharmaceutical industry.

“I was excited when I found out I got the award,” Zhang said. “The first thing I thought about was to inform Dr. Repka that our work was being recognized.

“He supported my research and inspired me throughout my study, from the big concepts to every single detail in the research. This affirms our academic efforts.”

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Students Learn ‘Real Politics’ in Washington, D.C., Winter Session

OXFORD, Miss. – Eleven University of Mississippi students spent their winter break learning about the people who work behind the scenes of the American government in Washington, D.C. Lead by Jonathan Klingler, assistant professor of political science, the students of Pol 391: Applied Politics met not with candidates, but with the people who make candidates’

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OXFORD, Miss. – Stephanie Jennings Teague, of Chicago, sees her commitment of \$100,000 to the Patterson School of Accountancy’s new building at the University of Mississippi as a means of saying “thank you.” “It is a way to show a small token of my appreciation to Ole Miss, the faculty and staff, and the accounting

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U.S. inflation roller coaster prompts fresh look at long-ignored money supply By Michael S. Derby NEW YORK – The amount of money sloshing around the U.S. economy shrank last year for the first time on record, a development that some economists believe bolsters the case for U.S. inflation pressures continuing to abate. The Federal Reserve’s

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