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## Alireza Asiaee Joins Chemical Engineering Department

Newest instructor brings professional experience, research expertise to UM students

OCTOBER 22, 2018 BY EDWIN B. SMITH

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Alireza Asiaee has joined the Department of Chemical Engineering at the University of Mississippi. Submitted photo

As an undergraduate chemical engineering major at Shiraz University in Iran, Alireza Asiaee dreamed of one day earning his terminal degree and joining the faculty of a prestigious university. Since then, both dreams have come true.

Asiaee is the newest instructor in the **Department of Chemical Engineering** at the **University of Mississippi**. He was hired Aug. 1, after receiving both his Ph.D. in chemical engineering from South Dakota School of Mines & Technology and his Master of Science degree in chemical engineering from Shiraz University.

"I always had a passion for teaching and transferring chemical engineering knowledge to (the) next generation," said Asiaee, who previously worked as a process engineer at ideaCHEM Inc. in Rapid City, South Dakota, and as a lecturer at Rajae Higher Education Institute in Shiraz, Iran. "During my graduate studies, I volunteered to be a teaching assistant for courses in computer programming, thermodynamics and advanced chemical engineering mathematics."

Asiaee is teaching Programming for Chemical Engineering and Chemical Engineering Lab this fall. Next semester, he will be teaching Programming, Chemical Engineering Lab II and web-based Thermodynamics.

"In addition to teaching the assigned courses, my short-term goals are developing new elective courses in the department, updating the current chemical engineering laboratory, providing support and help to update the existing curriculum, as well as helping and advising students with their research," Asiaee said.

"My long-term goals include developing new courses and labs related to my research background in computational chemistry and bioprocesses and collaborating with other faculty members to establish research centers in computational and/or supercritical fluid areas."

In addition to joining the UM chemical engineering department, Asiaee said his most satisfying achievement has been the outcomes of his Ph.D. research, which have established some new methods and procedures in studying and computational modeling of solid-fluid interfaces and heterogeneous catalysis.

"One of my articles was published as an 'Editor's Choice Paper,' where we addressed some of the challenges and discussions between the theoretical results and experimental observations in Fischer-

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## Campus Briefs

### 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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### Young Alumna Gives Back to School of Accountancy

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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## Ole Miss In the News

### Reuters: Keep an Eye on the Money Supply

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

Tropsch synthesis process,” he said. “Due to the outstanding methods we developed in the mentioned paper, the company who owns the applied software (Accelrys) has reached out to my previous research group requesting our calculations and procedure in order to update their software packages and develop new procedures for estimation of first-degree reaction rates and parameters.”

Asiaee provides the enthusiasm and energy of a newly graduated Ph.D. to the department, said John O’Haver, chair and professor.

“He is providing the attention and creativity needed for our laboratory classes, as well as providing our freshmen with the fundamentals of using and programming in Excel,” O’Haver said. “He brings research skills that will enable him to collaborate at times with faculty. We are excited to have him in the department.”

Asiaee has a fiancée, who is working in Salt Lake City as an energy engineer. His family includes his parents and sisters.

“My extracurricular activities are mainly sports,” he said. “I am a member of Ole Miss Badminton Club. My other favorite sports are mountain biking, racquetball and playing pool.”

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