

Mechanical Engineering @ Iowa State



InCYde Mechanical Engineering July 8, 2011

ME Department Welcomes New Faculty Members

Daniel Attinger, Associate Professor, with tenure

Daniel comes from Columbia University where he is studying multiphase microfluidics. He is addressing problems in self-assembly during evaporation and blood spatter analysis, to name a few. He will officially start in August.

Nastaran Hashemi, Assistant Professor, tenure-track

Nastaran is currently an ASEE Post-Doctoral Fellow at the Navy Research Laboratory. She completed her PhD from Virginia Tech. Her research is in the area of bio-M/NEMS and sensing biological components using fluid mechanics for cell separation. Nastaran will also hold the title of the William March Scholar in Mechanical Engineering. She will officially start in August.

Reza Montazami, Assistant Professor, tenure-track

Reza recently completed his PhD from Virginia Tech. His research is in the area of soft material electromechanical actuation with applications in nature-inspired microrobotics and soft robotics. He will officially start in August.

David Asjes, Lecturer

David is finishing his PhD in mechanical engineering and will be responsible for ME 421 – Dynamic Systems and Controls this coming year. David was an Adjunct Assistant Professor in the Department of Naval Science at ISU and the Executive Officer of the ISU Naval ROTC unit. He is a recently retired Navy pilot. David's appointment will start in August.

New Video of NASA Lunabotics Competition Features ISU Team Members

A NASA Edge video of the recent NASA Lunabotics international mining competition can be viewed that features members of the ISU student team. The team booth can be seen at moment 1:25 in the video, and team member Zach Laws is interviewed starting at 8:00 and 15:30. The video can be found [here](#).

ISU Baja SAE Team Results

Many ME students made up the 2011 ISU Baja SAE team that went to Peoria, IL, for the annual SAE International off-road racing competitions in June. The team started well in the race, and, despite a few mechanical problems, the team managed to finish 59th overall out of 97 teams. They ranked 9th in the sales presentation and 18th in design presentation. [Read the full story](#).

baja



Amy Carver Receives Dean's Staff Excellence Award

Amy received the College of Engineering Dean's Staff Excellence Award for her outstanding work as graduate programs assistant in the ME Department. ME Director of Graduate Education Pranav Shrotriya said, "Amy Carver has demonstrated an extremely high level of enthusiasm, professional responsibility and ambassadorship for the Mechanical Engineering Department and the College of Engineering. Over the past 3 years, she has been instrumental in: developing new recruitment initiatives; deployment of professional master's degree and enhancing the graduate student experience through development of orientation programs, social activities, and improved systematic communications." Congratulations, Amy!

amy



Human Powered Vehicle Team Performs Well at Regional Competition

The ASME Human Powered Vehicle student team did very well at a May 2011 regional competition. The team placed second in the 2.5-hour-long unrestricted speed endurance race, and fourth in the men's sprint, fifth in women's spring, and fourth in utility out of 10 total teams. This was the first year for the ISU team to construct a single rider vehicle, so these accomplishments are even more impressive. The team was also up against other school teams that had considerably larger budgets for building the vehicles. Congratulations to the team members!

human



The Human Powered Vehicle Team members Nick Miller, Jon Flemming, Austin Hilton, Ian Moore, Mark Saul, and Ana Williams pose with their creation.

Do you have department news you'd like to share? Please e-mail news items for InCYde Mechanical Engineering to Alex Rausch.

Department of Mechanical Engineering

