

**Professor David Williams questions doctoral student Gang Shi on his winning poster entry.**

**Masters student Jaimin Rao displays his poster.**

# Results on display

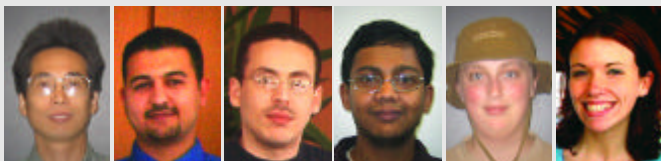
## Research Poster Competition

The MMAE Department held its first annual research poster competition in April 2003. All undergraduate and graduate students who had conducted individual research within the department were eligible to participate. Eleven students entered posters, and six were awarded prizes in three categories as follows:

Ph.D.:

**Gang Shi**, First Place  
 "Microstructure-Based Kinetic Model of Austenitization of Steels"

**Mohammad Alsharoa**, Second Place  
 "Mechanical Design Optimization of Radio Frequency Cavities"



**Pictured from left are Shi, Alsharoa, Alkhader, Datta, Parsons and Titus.**

Masters:

**Maen Alkhader**, First Place  
 "Fibers in Shear Flow"

**Subhra Datta**, Second Place  
 "An EHD Conduction Pump for Refrigerant Flow Management in Multi-Tube Evaporators"

Undergraduate:

**Abigail Parsons**, First Place  
 "Separation Control in an Axial Flow Compressor"

**Tiffany Titus**, Second Place  
 "The Variability of the WW Vulpeculae"

Entries were judged by select MMAE faculty on technical level, the presentation of the material, the innovation of the concepts, and the overall impact of the poster. All entries received high commendation from the judges. Next year, the department plans to invite professional engineers from local industry to act as judges. If you are interested in participating as a judge or if you would like an invitation to next year's poster display, please contact Renata DeWees, the department coordinator, at 312-567-3177 or [deweese@iit.edu](mailto:deweese@iit.edu).