

The Five Graduate Student Scholarships have been awarded to the following individuals:

Mr. Zhonggiang (Jacky) Lin, University of Maryland: *Quantification of the Extent of Coalescence of Ethylcellulose Films using Permeability and Spectroscopic Methods* – Purpose: To use the water vapor permeability of ethylcellulose (EC) pseudolatex cast films at different stages of coalescence during the curing process to quantify the extent of particle coalescence.

Mr. Desai Parind Mahendrakumar, National University of Singapore: *Evaluation* of functionality of disintegrants and their mixtures by visiometric, calorimetric and quality by design approaches – Purpose: To evaluate functionality of disintegrants and their mixtures by visiometric, calorimetric and quality by design (QbD) approaches.

Mr. Sharad Mangal, Monash University: *Engineering of novel core-shell micro- excipient for efficient tablet manufacturing: Employing the concept of interactive mixing* – Purpose: The term "interactive mixing" describes coating of larger particles with smaller ones of appropriate cohesive-adhesive balance.

Ms. Pinal Mistry, University of Minnesota: *Role of the strength of drug-polymer interactions on the molecular mobility and physical stability of amorphous solid dispersions* – Purpose: To investigate the effect of specific drug-polymer interactions (ionic or H-bonding) on the molecular mobility and the physical stability of ketoconazole solid dispersions.

Mr. Frederick Osei-Yeboah, University of Minnesota: *Effect of moisture on the tableting performance of polymer-based drug delivery systems* – Purpose: This work investigates the impact of moisture on mechanical properties of polymer-based pharmaceutical materials and their tableting performance.

Graduate Student Scholarship winners will receive a travel award of \$1,000 and membership with IPEC-Americas for one year. In addition, the scholarship winners will present their research during the poster sessions at AAPS November 3-5.

Best Manuscript Award - Will be announced at a later date.

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