

Schedule of Third UBM South Regional Conference  
 University of Houston-Downtown, Houston, Texas  
 Friday, October 12, 2012 (All talks in Academic Building A300)

<b>Day / Time</b>	<b>Speaker</b>	<b>Title</b>
<b>Friday 10/28</b> 1:00–1:15	<b>Welcome Remarks</b> by Dr. Akif Uzman	
1:20–2:20 pm	<b>Keynote</b> Dr. Alok Sutradhar <i>Ohio State University</i>	Role of Topology Optimization in Reconstructive Surgery
2:20–2:40 pm	Molly Zumbro and Rob Bierman  <i>Trinity University</i>	Discrete Modeling of Chemostat Population Dynamics of Escherichia coli strain B and Bacteriophage T4
2:40–3:00 pm	Jungsook Larson  <i>University of Houston-Downtown</i>	Modeling the Rate of Formation of cAMP in Preformed Signaling Complex of G-Proteins and Adenylyl Cyclase
3:00–3:20 pm	Hoai-Ngoc Ngo <i>University of Dallas</i>	Diversity and Homogeneity Revealed in SSR Analyses of NCGR Cultivars
3:20–3:40 pm	<b>Coffee Break</b>	
3:40–4:00 pm	Wei Yang Kevin Wang and Sara Wilder <i>University of Houston-Downtown</i>	Mathematical Modeling of Glassy-Winged Sharpshooter Population
4:00–4:20 pm	Grant Cavalier*, Chris Meaux & Logan Perry <i>University of Louisiana at Lafayette</i>	Development of Dispersive Nutria Population Model and Comparison of Control Techniques
4:20–4:40 pm	Kimberly Walker, Caroline Barbosa & Antonio Mendoza <i>University of Houston-Downtown</i>	Mathematical Modeling of Pseudomonas species Biofilm Growth and Inhibition
4:40–5:00 pm	Logan S. Perry <i>University of Louisiana at Lafayette</i>	Chaos in Two Stage Ecological Model its Effects on Population Dynamics
5:00–5:20 pm	Jose Trejo and Bruno Toledo  <i>University of Houston-Downtown</i>	Mathematical Modeling of SMAD-1 and Noggin in the Epidermal Signaling Pathway during Neural Induction in <i>Xenopus laevis</i>
5:20–5:40 pm	Ashik Khatri <i>University of Houston</i>	Need to take a Physiology Exam? Get your iPad!
6:00 pm –	<b>Banquet</b>	