

End-of-Semester Celebration of Mathematics and Statistics

Organized by the Mathematics and Statistics Club at Georgia State

Thursday April 12, 11:15-1:30 pm, 796 COE (light lunch will be provided)

RIMMES presentations:

11:15-11:25pm

Shad Sterling: *Generalizing parity*, Mentor: Dr. Yongwei Yao

11:30-11:40 am

Ken Lee: *Modeling Stem Cell Distribution in Brain Tumor*, Mentor: Dr. Yi Jiang

11:45-11:55pm

Ed Redmond: *How Much of a Remedy are Remedial Math Courses?*

Mentor: Dr. Draga Vidakovic

12:00-12:10pm

Konstantin Kapustin: *Modeling Slow Inactivation of the Human Na⁺ Channel*,

Mentor: Dr. Vladimir Bondarenko

12:15-12:25pm

Thomas Polstra: *A remarkable property of polynomials in two variables*,

Mentor: Dr. Florian Enescu

12:30-12:40pm

Michael Kulsak: *Control of the Bullwhip Effect in Multi-echelon Systems*,

Mentor: Dr. Michael Stewart

12:45-12:55pm

Gloria Sanin: *Evaluation of Target Search Efficiency for Neurons with Balanced Arborization during Developmental Growth*, Mentor: Dr. Remus Osan

1:00-1:10pm

Ricky Tolefree Jr: *Optimization of Spiking Dynamics in a Neural Model using Geometric Analysis*, Mentor: Dr. Rob Clewley

Presentation of Student Awards (1:15pm)

The Winners of the Eighth Annual Undergraduate Mathematics Competition will be announced

ALL STUDENTS AND FACULTY ARE INVITED TO ATTEND!