

Blackwell-Tapia Conference and Awards Ceremony

Saturday November 15, 2014

- 12:15–1:00 *Registration Check-In*
- 1:00–1:10 *Welcome & Opening Remarks: Dean Miguel García-Garibay (Dean of Physical Sciences, UCLA) and Dima Shlyakhtenko (Director, IPAM)*
- 1:10–1:50 **Lester Mackey** (Stanford University)
Matrix Completion and Matrix Concentration
- 1:55–2:35 **Mahlet Tadesse** (Georgetown University)
A unified method for detecting copy number variants and their association with gene expression levels
- 2:40–2:50 *Break*
- 2:50–3:30 **Erika Tatiana Camacho** (Arizona State University West)
Modeling Photoreceptor Death and Rescue
- 3:35–4:00 *Break*
- 4:00–4:40 **Gaston N'Guerekata** (Morgan State University)
Joaquin Bustoz, Jr. Lecture: Sub- and super-solutions of almost periodic elliptic equations
- 4:45–5:25 **Ryan Hynd** (University of Pennsylvania)
A doubly nonlinear evolution for p -ground states
- 5:30–5:40 *Break*
- 5:40–6:20 **Mariel Vazquez** (University of California, Davis (UC Davis))
Random knots, confinement and chirality considerations
- 6:30–7:30 *Poster Session & Reception (Hosted by IPAM)*

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- 8:15–9:15 *Check-In/Breakfast (Hosted by IPAM)*
- 9:15–9:55 **Sara Del Valle** (Los Alamos National Laboratory)
Global disease monitoring & forecasting with Wikipedia
- 10:00–10:40 **Ronald Mickens** (Clark Atlanta University)
Periodic Solutions to $f(x)^2 + g(x)^2 = 1$: Generalized Sine and Cosine Functions
- 10:40–10:55 *Break*

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- 10:55–11:00 *Group Photo*
- 11:00–11:40 **Amanda Ruiz** (University of San Diego)
Realizations of phased matroids
- 11:45–1:10 *Lunch (on your own)*
- 1:10–1:50 **Stanley Young** (National Institute of Statistical Sciences)
Jacqueline Hughes-Oliver, contributions to drug discovery
- 1:55–2:35 **Dubois Bowman** (Columbia University)
Determining Multimodal Imaging Biomarkers for Parkinson's Disease
- 2:40–3:00 *Break*
- 3:00–3:40 **Raquel Prado** (University of California, Santa Cruz (UC Santa Cruz))
Bayesian time series models and the analysis of multiple brain signals
- 3:45 *Introduction of Prize Winner: Ricardo Cortez, Tulane University*
- 3:45–4:45 **Jacqueline Hughes-Oliver** (North Carolina State University)
Mining in the Presence of Class Imbalance: Precision-Recall Curves and the F-Measure
- 4:45–6:00 *Social Hour*
- 6:00–9:00 *Banquet and Awards Ceremony (Location: Main Dining Room - East, UCLA Faculty Center)*

