

## 2015 BRIGHT IDEAS CONFERENCE WED NESD AY, PR IL 29 SUBMISSION FORM

Primary Presenter:	Mr.	•	Asmerom	restamichaei
•	Title (Dr., Ms., M	⁄lr.)	First Name	Last Name
Rank: Graduat	te Assistant	Dept: Mather	matics and Sta	tistics
Faculty Co-Present Dr. Kent Riggs	ters:			
Graduate Student ( Asmerom Tesfamich				
Title of Exhibit:				
A fixed-inverse binar	ry misclassification	model under po	ssible false-pos	sitive misclassification
				stract of your proposed Exhibit s will appear in the conference
false-positive misclas sampling scheme. Th that is prone to produ	ssification. To account the first stage in the tallicing false-positives classifier under investing the state of the state	unt for the misclatwo-stage samp sunder fixed sar rse sampling. Tl	assification, the ling scheme inv npling. The sec ne binomial dis	that allows for the possibility of model incorporates a two-stage volves the use of a fallible classifier cond stage involves using an tribution is used in stage one, while
	tive misclassification	n rate paramete	r φ. In addition	rimary prevalence parameter p as , we derive confidence intervals for p
likelihood ratio-based	l confidence interva parameter and sam	lls for p through ple size configu	a Monte Carlo	ld-based, score-based, and simulation. The simulation study is we apply the newly-derived

poster

Type of display/presentation: (poster, tri-fold display, 3-D exhibit, etc. - describe below)

## Display requirements: Lattice panel 4' wide x 8' tall Full cork board 6' wide x 4' tall Half cork board 3' wide x 4' tall (½ exhibit space - 4' deep x 4' wide) or ☐ Easel – 2' x 6' (should hold up to 4' wide posters) Additional options: Table - 3' deep x 8' long Access to power (Limited - please request only if required.) Other, please specify (e.g., screen, chairs, etc.) Computers are not provided; security for exhibitor's computers or other equipment is not provided. We will provide video and computer to play it. If selected, I will be present with my Exhibit at one or more of the following times: 11 am – 12 $12 - 1 \, pm$ 1 – 2 pm

Display/exhibit spaces are a 4' x 8' area - Please check your anticipated requirements

## **Submission Instructions:**

- E-mail your electronic submission form to your designated BIC college representative *no later than Friday, February 27, 2015*
- Please consult your dean or college conference representative regarding college-specific submission requirements, if any.

Call Andrew Ormsby at 468-7689 if you have any questions about exhibit space requirements.