# PROGRAM for the Indiana Section MAA FALL MEETING 2014
Trine University  
Saturday, October 18, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00–8:40</td>
<td>Registration</td>
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<tr>
<td>8:40-2:30</td>
<td>MAA Book Sale</td>
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| 8:40-8:45  | Welcome by Prof. Craig Laker  
Dean of the Jannen School of Arts and Sciences  
**Fawick Hall, Allen School of Engineering and Technology** |
| 8:45-9:45  | Timothy Comar, Department of Mathematics  
Benedictine University  
*Undergraduate Mathematical Biology: From the Classroom to Research*  
Introduction: John Rickert |

## Contributed talks

<table>
<thead>
<tr>
<th>Room</th>
<th>Talks</th>
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| Fawick Hall 122 | Spectral theory of multiple intervals  
Feng Tian  
Trine University |
| Fawick Hall 119 | The L²-Gradients & Application to Nonlinear Pseudo-differential Equations  
Ramesh Karki  
Indiana University East |
| Fawick Hall 117 | From Energy to Entropy to Emergy  
Dennis G. Collins  
University of Puerto Rico, Mayaguez, retired |
| Fawick Hall 117 | Inverting the Linear Algebra Classroom  
Melissa Lindsey  
Indiana Wesleyan University |
| Fawick Hall 122 | Amorous Bugs and Pursuit Problems  
Steven A. Schonefeld  
Trine University |
| Fawick Hall 119 | Biological Systems Can Be Random: How to Deal  
Elizabeth Wolf  
Saint Mary's College |
| Fawick Hall 117 | Fostering Undergraduate Research  
Haseeb A. Kazi  
Trine University |
| Fawick Hall 119 | Green's Theorem Revisited  
Adam Coffman  
IPFW |
| Fawick Hall 117 | Introduction to Stochastic Models in Population Dynamics  
Lochana Siriwardena  
University of Indianapolis |
| Fawick Hall 117 | Math Magic Number Blocks and the Wobble-square Method of Multiplication  
Glenn Collins |

*student talks: (*) graduate student; (**) undergraduate student*
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<tr>
<th>Time</th>
<th>Location</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>12:00–12:55</td>
<td>Whitney Commons Café, Rick L and Vicki L James University Center</td>
<td>Lunch</td>
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<tr>
<td>12:00–12:55</td>
<td>Bateman Presidential Dining Room, Rick L and Vicki L James University Center</td>
<td>Executive Committee Meeting</td>
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**Indiana Project NExT Panel Session**

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<tr>
<th>Room</th>
<th>Fabiani Theatre, Rick L and Vicki L James University Center</th>
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<tr>
<td>1:15–2:15 (60 min)</td>
<td>Strategies for Helping Students Transition to Proofs</td>
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<tr>
<td></td>
<td>Jeff Leader</td>
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<td></td>
<td>Tiffany Kolba</td>
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<td>Katie Merkling</td>
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<td>Mary Porter</td>
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<td>Moderator: William Lindsey</td>
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Student talks: (*) graduate student; (**) undergraduate student

ADJOURNMENT—See you March 13-14, 2015 at Taylor University.