PROGRAM for the Indiana Section MAA FALL MEETING 2010
Purdue North Central
Saturday, October 16, 2010 (CENTRAL TIME ZONE)

8:00–8:45 Registration
LSF Lobby

8:45—2:00 MAA Book Sale
TECH 109

8:45–9:00 Welcome by: Prof. Karen Schmid, Vice Chancellor for
Academic Affairs, Purdue North Central.
LSF 02

9:00–10:00 NebraskaMATH
(Moderator: Vesna Kilibarda)
LSF 02
Aaron Douglas Professor of Mathematics Jim Lewis
(University of Nebraska, Lincoln)

<table>
<thead>
<tr>
<th>Room</th>
<th>TECH 110 (Mod: Royer)</th>
<th>TECH 112 (Mod: Luther)</th>
<th>TECH 134(Mod: Pudwell)</th>
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</thead>
<tbody>
<tr>
<td>10:15–10:35</td>
<td>Generators of the symmetric group Kelsey Watson **</td>
<td>Total defect for polyhedra Andrew Rich</td>
<td>Transitioning students from high school to college mathematics</td>
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<td>10:45–11:10</td>
<td>An exploration of ideal-divisor graphs Abigail Richard **</td>
<td>Detection of some malignant 2D tumors by 1D continuous symmetry Dennis Collins</td>
<td>IN NExT Panel</td>
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<td>11:20–11:45</td>
<td>What is a functional equation? Maria Neophytou*</td>
<td>Process Education in a mathematics classroom Melissa Desjarlais</td>
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- student talks: (*) graduate student; (**) undergraduate student.
- Indiana NExT Panelists: Gayla Domke (Purdue North Central), Janet Teeguarden (Ivy Tech - Indianapolis), Bill Stockdale (Ivy Tech - Valparaiso)

12:00–1:00 Lunch
LSF 144

12:00–1:00 Executive Committee Meeting
dining room of the cafeteria

1:15–2:15 The State of Mathematics Education in the State
(Moderator: David Feikes)
LSF 02
Professor of Mathematics Education Catherine Brown
(Indiana University Bloomington)

GENERAL ADJOURNMENT - See you April 8-9, 2011 at Indiana Wesleyan University!