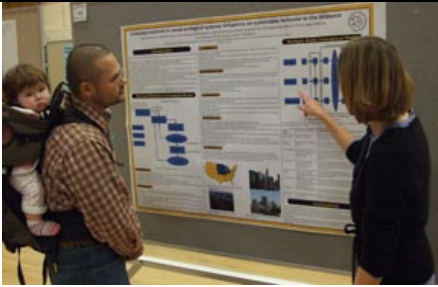




# ESE 2008 Symposium Outcomes

## Permaculture Systems and Biomimicry Innovation based on Nature for a Sustainable World December 5<sup>th</sup>, 2008, Purdue University.



The 2<sup>nd</sup> annual Ecological Sciences & Engineering Symposium brought together more than 170 students, faculty, staff, and area residents to Purdue on the topics of Permaculture and biomimicry. Organized by ESE graduate students and the Center for the Environment, this truly interdisciplinary event was co-sponsored by ten diverse academic units at Purdue spanning the Colleges of Science, Agriculture, Engineering, Liberal Arts, Consumer & Family Sciences. Bill Wilson, of Midwest Permaculture, introduced us to the Permaculture approach of sustainable living systems. As a result of Bill's talk there is wide interest for bringing a Permaculture Design Certification course to Purdue and area residents. Our lunch speaker, Curt McNamara with the Biomimicry Institute, walked us through the process of innovating new solutions based on mechanisms and processes found in nature. More than 30 people attended his afternoon workshop on the biomimicry process. The symposium highlighted 31 environmental research projects conducted by graduate students, faculty, and staff. Awards went to the top three student research posters representing work from three Colleges at Purdue. In addition, a dozen area and state organizations brought their program booths to raise awareness and create synergies between Purdue and community efforts. In conclusion, the symposium successfully brought together a large, diverse audience highlighting environmental research at Purdue, as well as raised awareness of sustainable design tools and systems. More information about the ESE graduate program is found online <http://www.purdue.edu/dp/ease>.

	<p style="text-align: center;"><b>Poster Winners</b></p> <p>1<sup>st</sup> Place: Brian Sanchez, Forestry &amp; Natural Resources (<a href="#">abstract</a> : <a href="#">poster</a>)          2<sup>nd</sup> Place: D. Sarah Stamps, Earth &amp; Atmospheric Sciences (<a href="#">abstract</a> : <a href="#">poster</a>)          3<sup>rd</sup> Place: Han-Sheng Chuang, Mechanical Engineering (<a href="#">abstract</a> : <a href="#">poster</a>)</p>
 <p><a href="#">Midwest Permaculture Home Page</a></p>	<p style="text-align: center;"><b>Permaculture and Biomimicry Resources Provided by our Speakers</b></p> <p><b>Permaculture Systems Resources</b>          Bill's presentation (<a href="#">slides</a>) (audio for slides – <a href="#">opens separate browser</a> )  <b>Handouts:</b>  <a href="#">Ethics &amp; Principles</a>  <a href="#">Mandala Garden</a>  <a href="#">Swale</a>  <a href="#">Useful Plants for Permaculture</a></p> <p>Are you interested in participating in a local Permaculture Design Course or Workshop and/or a Permaculture discussion group? <a href="#">Contact us</a></p>
 <p><a href="#">Biomimicry Institute - Home</a></p>	<p><b>Biomimicry Resources</b>          Online video presentation: <a href="#">What is Biomimicry?</a>          AskNature.org <a href="#">Website</a>          Biomimicry Database &amp; Design Portal: <a href="#">Database</a></p>