



# The Ontario BioCar Initiative

## 5<sup>th</sup> Biannual Research Meeting

Friday, May 14, 2010

University of Guelph

MacNaughton, Rm 113 (ground floor, next to Bookstore)

### Agenda

9:00 am	<p><b>Light Breakfast and Poster Set-Up</b>  <i>fruit juices, mini breakfast pastries, assorted yogurt, fresh fruit &amp; coffee</i></p>
9:30 am	<p><b>Welcome Remarks</b>  <i>Amar Mohanty and Rich Moccia, University of Guelph</i></p> <p><b>Tribute to Gary Ablett</b>  <i>Istvan Rajcan, University of Guelph</i></p>
9:40 pm	<p><b>Invited Speaker</b>  <b>K. Chandrashekhara</b>, <i>Missouri University of Science and Technology</i>  <i>"Manufacturing of Soy-based Composite Materials"</i></p>
10:10 am	<p><b>Research Presentations</b> (15 min each)</p> <p><b>University of Guelph</b></p> <ol style="list-style-type: none"> <li>1. Joel Hemingway: Identification of Superior Soybean Genotypes for Polyol Production for Use in the Auto Parts Industry</li> <li>2. Renuka Subasinghe: Regulation of Starch Synthesis in Maize Endosperm: Characterization of Starch Synthase IV</li> <li>3. Yarmilla Reinprecht: Soybean and Corn Fibre Traits for Composite Material Performance</li> </ol>
10:55 am	<p><b>Coffee Break and Poster Competition</b> (for preselected posters)          MacNaughton Lobby</p>
11:30 am	<p><b>University of Guelph - continued</b></p> <ol style="list-style-type: none"> <li>4. Singaravelu Vivekanandhan: Antimicrobial Biobased Paints for</li> </ol>

	<p>Automotive Coatings: A New Green Synthesis of Silver Nanoparticles</p> <p>5. Sandeep Ahankari: Truly Green Composites from PHA Bioplastic and Ontario Biomasses for Automotive Applications</p> <p><b>University of Waterloo</b></p> <p>6. Rachel Campbell: Bacterial Activity during Corn Silage Retting Monitored by Carbon Substrate Utilization Patterns and Enzyme Production</p> <p>7. Yasaman Amintowlieh: Agricultural Fillers in Polyamide Thermoplastic Composites</p>
12:30 pm	<p><b>Lunch</b></p> <p>PAGES café (above UofG Bookstore)</p>
1:15 pm	<p><b>Poster Competition</b> (for preselected posters)</p> <p>MacNaughton Lobby</p>
2:00 pm	<p><b>Research presentations</b> – continued (15 min each)</p> <p><b>University of Toronto</b></p> <p>8. Alexis Baltazar-y-Jimenez: Imide-modification of GreenCore fibre-reinforced PLA composites</p> <p>9. Vibha Tyagi: TBA</p> <p>10. Lei Xu: Polyol synthesis from soybean oil</p> <p><b>University of Windsor</b></p> <p>11. Shun Yi Jin: Mechanical Performance Comparison Between Flexible Biofoams and Conventional Polyurethane Foams for Automotive Applications</p> <p>12. Inna Seviaryna: Non-Destructive Evaluation of the Biocomposites Deterioration</p>
3:15 pm	<p><b>Closing Remarks</b></p> <p>Amar Mohanty, <i>University of Guelph</i></p>
3:15 pm	<p><b>Networking and Poster Removal</b></p>
3:30 pm	<p><b>General Meeting Adjourns</b></p>