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| **Student** | **Mentor/s** | **Project Title** |
| Delisha Bella | Doug Bousfield | The Production of Nanocellulose Barrier Films |
| Jean Caminero | Cristina Segura | Phytosterols from Pulping Industry Byproducts |
| Rebecca Horan | Amy St. Peter &  Darrell Donahue | Environmental and Social Life Cycle Assessment of Packaging Paper |
| Victor Huanambul | Mike Mason | Characterization of Physical and Toxicological Properties of Forest Derived Nanomaterials |
| Tahir Ibrahim | Mohammad Bataineh | Evaluating and Predicting the Regional Effects of Silviculture and Site Factors on Regeneration in the Northern Conifer Forest |
| Jessica Kersey | Álvaro Maldonado | Biodegradable Thermoplastic Composite Materials Derived from Seaweed Biomass (Algae Plastics) |
| Joshua Kling | Jeff Benjamin | Assessment of Productivity and Cost for Logging Equipment in Maine’s Forest Industry |
| Meghan Negus | Clay Wheeler | Hydrolyzate Extraction for Producing Biohydrocarbons |
| Andria Pena | Barbara Cole & Ray Fort | Fundamentals of Formaldehyde Detection and Emissions Determination |
| Jared Snell | Joe Genco | Cleavage of Acetyl Groups from Northeast Hardwood for Acetic Acid Production |
| Christian Amthauer | James Beaupre | Thermal Drying of Nanocellulose; Maintaining Nanomorphology and Redispersability |
| Sergio Gallegos | Doug Gardner | Cellulose Nanofibril Reinforced Polypropylene Composites |
| Lucas Rodrigues Ramos | Peter van Walsum | Feasibility of Biohydrogen and Methane Production from Macroalgae with Anaerobic Digestion |
| Mary Lewis | Rachel Narehood Austin & Clay Wheeler | Development of Third Generation Catalysts for Hydrodeoxygenation of Fast Pyrolysis Oil |
| Ellsworth Bell | Clay Wheeler | Oxidative Production of Formate Salts from Carbohydrates |
| James Fecteau | Brian Frederick | Pyrolysis Oil Stability: Chemical Investigation of Polymerization Reactions |

**2012 UMaine FBRI REU Student Projects**