

Student driven solutions that save

MONEY

and the

ENVIRONMENT



Environmental Management
and Business Institute

at the UNIVERSITY of WISCONSIN - GREEN BAY

Here, at the Environmental Management and Business Institute (EMBI) at UW-Green Bay, we have one goal: Make the region more sustainable. From finding ways to lower waste output, to reducing energy use, to educating employees, there are always ways to increase the sustainability within your organization.

That's where we come in.



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Aurora BayCare Medical Center



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In 2010, **EMBI** interns started the **Energy Team** at **Aurora BayCare Medical Center** in Green Bay, Wisconsin. A wide variety of projects were proposed and implemented ranging from waste reduction initiatives to automated lighting.

While significant drops in energy use occurred, the most telling stats came from the widely used, hospital based, "patient day" metric. Measuring energy usage against patient days looks directly at a hospital's level of efficiency; basically, doing more with less. Since the implementation of the Energy Team's projects, Aurora BayCare Medical Center has seen a 12% reduction in kilowatt hours per patient day.

Steve Teclaw, a 2011 UW-Green Bay graduate, interned at **Tosca, Ltd.** through **EMBI**. Tosca produces returnable containers for the food and beverage industry.

"In my internship, I worked with two other students on a **life-cycle assessment** of one of Tosca's wooden cheese boxes compared to the plastic box of a competitor," said Teclaw. "We worked to figure out which was more sustainable — both from a material and energy input standpoint."

Teclaw now leads quality assurance dealing with sanitation and food safety as a Tosca employee. "My internship is the reason I have my job today."

Briess Malt worked with a graduate student from **EMBI**, who interviewed the employees and developed an Environmental Management System (EMS) document for their sustainable future, which eventually led to **WDNR Green Tier Status**.

"It was a great way to co-op with the university. The document is a formalized way of saying this how we do our current business, this is how we look at our environment, and it's a blue print for the future about how we execute on what we believe."

- **Gordon Lane**
President/C.O.O. of Briess Malt