

TGIF Taking Great Ideas Forward

Improving Northern Capital - Sustainable Development in the Northern Tier

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Herbster, WI, July 27th, 2007 – Volume 3: Number 30 [Back Issues](#)

“In any field, find the strangest thing and then explore it.”

-John Archibald Wheeler-

MEETINGS and EVENTS:

Links will provide additional information. Dates for recent additions are in **bold**.

<i>What</i>	<i>Date</i>	<i>Time</i>	<i>Where</i>
Inventors & Entrepreneurs Club	August 2nd	6:00 PM	Iron River Community Center
Lake Superior Technology Conference	Aug. 8 & 9	Evening 8/8 All Day 8/9	WITC – Ashland
Green Building	Aug. 10 th	8:30 – noon	Shawno Co. Courthouse
BCEDC Board Meeting	August 13 th	10 AM – noon	TBA
Wisconsin Natural Resources Board	August 14-15*	Full Day * Half day	Washburn/Bayfield
Investing in Agriculture	August 16	All Day	Pewaukee WI
Bayfield County Lakes Forum Annual Meeting	August 18 th	9:00-11:00 AM	Iron River Community Center
Great Lakes Restoration Conference	Sept 6-8	All Day	Chicago
Lake Superior Binational Forum	Sept. 7 & 8	All Day	Wawa, ON
Rustic Roads Board	Sept. 10 th	9:00 – noon	Madison

** Check the link for details. Rice Lake is the closest of seven hearing sessions.

INNOVATION AND RESEARCH

One science hero from my undergraduate days was (and remains) the late **Dr. Robert Good**. Minnesota born and raised in Crosby, Good was the first individual to be jointly awarded, in 1947 at the age of 25, the MD and PhD at the University of Minnesota. He is honored by the [Robert A. Good Immunological Society](#) that will hold it's second annual meeting at **Harvard University** in November. His highly productive career in medical research, over 2500 publications and 50 books, was built on a foundation of looking closely at *Experiments of Nature*; the errors of development and metabolism that provide windows into discovery of processes and procedures for correction and cure of disease.

Good's discoveries provided a foundation for modern cellular immunology. His discovery of the Thymic lymphocytes (T-cells) of the immune system stemmed from rare conditions involving children born without a thymus gland. The discovery of T-Cells created a revolutionary framework for understanding the immune system. One important application of this knowledge is the control of rejection in organ transplant surgery. Eventually these discoveries enabled medical scientists to first understand the cause of the Acquired Immune Deficiency Syndrome(AIDS) and then to develop contemporary strategy for control of HIV-AIDS.

Good was the first to perform bone marrow transplant, a procedure now done thousands of times in hundreds of medical centers around the world. Many of these transplant centers were founded by Good's students; over 300 MD/PhD research scholars with more than 200 becoming Professors in their own right. This highly innovative procedure was a progression of research that provided confidence based on a solid foundation. Years of work to understand the immune system enabled Good and later many others to save lives. Following the successful transplant in 1968, Good was reported to have said; *“of one thing I am sure, the last word has not been written on the subject.”*

His work was recognized in many ways, but a 1973 **Time Magazine** cover led me to a brief encounter with his family. His daughter, attending **Normandale College** to pick up a few credits in preparation for attending the **Julliard School** in New York, saw the magazine cover hanging on my office wall. She stopped to comment and we had a delightful conversation about her life with a famous father.



I attended several lectures Good gave at the University of Minnesota in the 1970's, 80's and 90's when he returned from New York and Florida to his alma mater. He had a magical ability to tell the stories of discovery from his laboratories with lavish credit to his students. The story of his Minnesota research and career was published in a chapter on Minnesota Science and can be [downloaded](#) from the honorific Web site created for the memory of Dr. Good. This is a good read for those comfortable with some basic biology. The Web site declares Dr. Good the **Father of Modern Immunology**. He never received the **Nobel Prize** but it would be hard to argue that he does not deserve this honor. The Nobel Committee has it's own arcane standards; but in my humble opinion, they blew it in failing to honor Dr. Robert Good.

Lake Superior Technology Conference

This conference is an annual event you do not want to miss. This year the conference will feature a keynote by **Kevin Riley**, President of the University of Wisconsin and a [panel of panels](#) that will provide important updates and insights about opportunities and challenges in the Northern Tier. Panel titles include: **Competing in the “Knowledge-based Economy”**, **Trends in Alternative Energy**, **Medical and Pharmaceutical Business Opportunities**, and **Investing in Wisconsin, Basics for Entrepreneurs**. Dr. **Fred Tidstrom** has been a persistent advocate for the importance of education as fuel for the workforce, investment and innovation engines of economic development, and this event is just one more in which this civic-minded, retired dentist has poured his enormous energy. The conference will provide an excellent panel on **renewable energy**. **Roger Hanson** doesn't leave a stone unturned in seeking opportunities to build economic opportunity in Ashland and its surrounding area. He has contributed again with this conference.

LIGHTER SIDE:

from : The Cleveland Browns Forum (ca. Late 2001)

Latest news reports advise that a cell of 4 terrorists has been operating in one of the neighborhoods in Cleveland, Ohio.

Police advised earlier today that 3 of the 4 have been detained.

Police Officials have detained the following terrorists on civil unrest issues:

- 1: Bin Sleepin
- 2: Bin Drinkin
- 3: Bin Fightin

The Police advise further that they can find no one fitting the description of the fourth cell member, Bin Workin, anywhere in the neighborhood.

Police are very confident that anyone who looks like Bin Workin will be very easy to spot in the community. No further information available.

Take care and have a great weekend!

/BRUCE

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Bruce Lindgren is Principal of [B.Lindgren CONSULTING](#). The consulting practice serves small business, local government, school districts and non-profits providing support for research, grant development, technical writing, marketing support and project management. Bruce brings his background in biological sciences, education, small business and media technology to generate and implement ideas contributing solutions to mission critical challenges.

In addition Bruce maintains the following affiliations:

[Bayfield County Economic Development Corporation](#), (BCEDC) Director

[Inland Sea Society](#), (ISS) Director

[Lake Superior Binational Forum](#), (LSBF) US Delegation Co-Chair

[Raindrop Garden Gallery](#), (RGG) Co-owner

[IDEA Consortium LLC](#), Owner

[Chequamegon Institute, Inc.](#) Initial Registered Agent

[Coalition for Eco-Industrial Development](#), (CEID) Work Group Member

[Northwest Wisconsin Workforce Investment Board](#), (WIB) Member

The encircled fractal triangle represents an integrated cluster of seven ideas – economics, ecology, equity, ethics, experience, education and energy – that may be considered a core for sustainability studies. Bruce is available to present illustrated lectures and facilitate discussions about role of education in Industrial Ecology, Sustainable Development and the Sustainability Revolution.