



*Engineering Connections*  
*– Building Relationships*  
**Monthly Networking Breakfasts**

---

**On the second Friday of every month,**

St. Thomas Engineering alumni, students, faculty, staff and friends are invited to an informal breakfast-and-speaker gathering.

- Build new relationships – enjoy this great networking opportunity
  - Strengthen past relationships with old friends and colleagues
  - Gain insight into topics affecting your professional and personal lives
  - Share with others involved in engineering and manufacturing
- 

**Mark your calendar for the**  
**2<sup>nd</sup> Friday every month**  
**7:00 – 8:30 a.m.**

---

**UPCOMING BREAKFASTS**

**September 14**



**Michael Shoup**

VP Quality, Regulatory & Clinical Affairs  
SurModics, Inc.

Adjunct Instructor, Univ. of St. Thomas  
*The (Mis)Adventures of Launching a New  
Medical Device*

Mike has over 20 years quality assurance, operations, regulatory compliance, supply chain and development experience, including 15 years in medical devices.

He will be speaking about the good, bad and ugly of trying to launch a new medical device, Acorn Cardiovascular's *CoreCap™ Cardiac Support Device*, from product development through clinical trials including an unusual battle with the FDA. Mike's common-language insight and perspective on this process is certain to be enlightening and perhaps a bit confounding.

Mike has a B.S. Mechanical Engineering from the University of Minnesota and an MBA with a Manufacturing Concentration from UST.

## October 12



### **Dennis Ferguson**

Sr. Molding Specialist, 3M Company  
Adjunct Instructor, Univ. of St. Thomas

#### *From Steam Engines to Fuel Cells*

Dr. Ferguson holds a B.S.; M.S. and a Ph.D. all in Mechanical Engineering, all from the University of Minnesota. He has been working at 3M since 1972 and has been the project leader on numerous product design, automatic assembly, die casting, stamping and injection molding programs.

He has filed 10 patents, authored several papers in machine design and is a senior member of the Society of Plastics Engineers. He has taught several courses on machine design and injection molding at 3M and since 1991 has taught net shape manufacturing and automation at UST.

Dennis will talk about the development of many materials and products we take for granted today as well as some newer ones we are sure to see more of in the future. There are also a few others which, unfortunately he just can't talk about yet!

## November 9



## **Bob Krausert**

President, StrateX

### *Constraint Management in a Bottle(neck) – Basic Practicalities of TOC*

Bob Krausert, founder of the Twin Cities based consulting firm StrateX, has been working with constraint management tools since the early 1990's. He has worked with over 100 companies applying the constraint management improvement process to production and engineering processes. Companies he has worked with range in revenues from \$1.8million to over \$8 billion. With over 20 years of consulting experience, Bob is a certified Theory of Constraints (TOC) instructor and a "Jonah".

Bob will share his simplified, common sense approach to constraint management.

StrateX works with companies to dramatically and quickly improve production and design flows. Bob has trained 1000's of people in constraint management techniques in various venues. He has trained for Manufacturer's Alliance, MPMA, Moores Rowland CPA group, APICS, Minnesota Technology and others.

---

**RSVP:**            [SEAC@StThomas.edu](mailto:SEAC@StThomas.edu)  
                      or **651.962.5750**

---

**PROGRAM:**    7:00 – 8:30 a.m.

**COST:**            \$10.00 / person (*cash or check*)  
                      Incl. breakfast buffet + beverage

**RSVP:**            [SEAC@StThomas.edu](mailto:SEAC@StThomas.edu)  
                      or 651.962.5750

**LOCATION:**      UST St. Paul Campus  
                      Binz Refectory – Lower Level

**PARKING:**      Free parking for these events!  
                      Use Lot "O" next to Binz  
                      Watch the signs – one side is Lot O, the other is Lot W  
                      **DO NOT use Lot "W"**

**DIRECTIONS:** The Binz Refectory is located on the “South Campus” between Cretin Ave and the Mississippi River Blvd. along Goodrich Ave.

For a **Campus Map**, go to:

[http://www.stthomas.edu/maps/stpaul/saint\\_paul2D.pdf](http://www.stthomas.edu/maps/stpaul/saint_paul2D.pdf)

UNIVERSITY OF ST. THOMAS

