



**Notre Dame  
Chapter**

# The Link Newsletter

*Notre Dame Chapter*

*A 5-Star Chapter*



Visit us at:  
[WWW.ASM-ND.ORG](http://WWW.ASM-ND.ORG)

## Studebaker Museum Tour!!! Nov. 14, 2006

Driving is the great American pastime. Forget sports, who among us doesn't enjoy a long drive in a good car? Driving and cars are in the blood of every American, especially those of us in the South Bend area. Studebaker defines South Bend, and even the ASM-Notre Chapter. Our chapter was actually founded at Studebaker! Our planned tour of the Studebaker Museum isn't as much a tour as it is a homecoming.

Many of us will gaze upon the cars that we, our fathers, and grandfathers drove (and might have even helped make!). We can relive the days when American cars ruled the road and to drive a Studebaker was to be an American. Find out why Fozzie Bear (from the Muppets) said that a bear's natural habitat is a Studebaker. Also see one of Studebakers that actually appeared in the beloved "The Muppet Movie".

I know I'm going to be there, are you?

**Next Board Meeting**  
Tuesday, December 5, 6:00 P.M.  
Mister Moo's Restaurant  
3101 Lincolnway West, South Bend  
(574) 233-6722

**To improve our delivery of the LINK to you, and reduce our postal costs, please provide a current e-mail address to the Chapter Secretary, Tim Conrad, at [ticonrad@gmail.com](mailto:ticonrad@gmail.com)**

### Studebaker Museum Tour

**Date:** Tuesday Nov. 14, 2006

**Meeting Time:** 5:30 PM

**Meeting Location:** Studebaker National Museum, 201 S. Chapin Street, South Bend, IN 46601

**Dinner Location:** We will walk or drive to Tippecanoe Place Restaurant when the tour is completed, 620 W. Washington St., South Bend, IN 46601

**Dinner Choices:** Sirloin, Chicken and Pasta, or Fish (Tuna). Coffee, tea, or milk included in cost (otherwise cash bar).

**Cost:** \$25 per person or \$45 dollars for you and a guest. Cost includes tour and dinner.

**Agenda:** 5:30pm tour of Studebaker Museum  
7:00pm Dinner at Tippecanoe Place

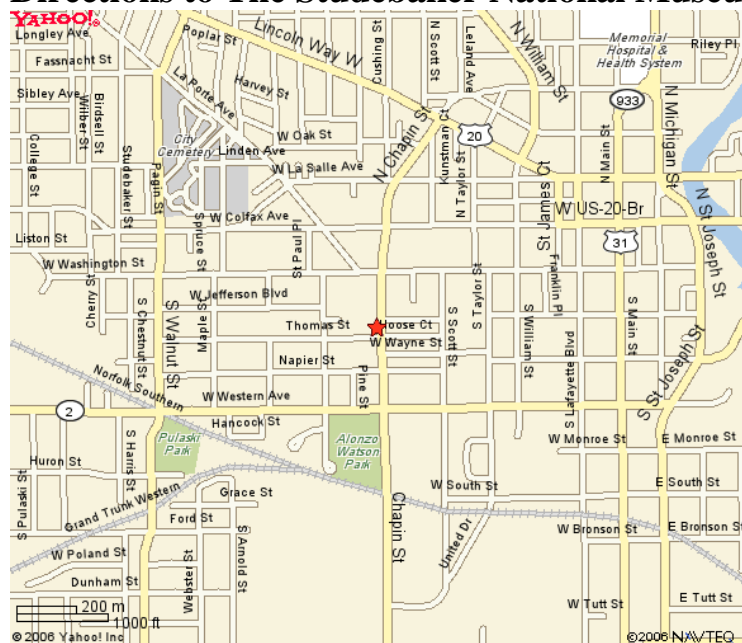
**To Make Reservations:** RSVP with dinner choice by Friday, November 10: Phone Randal Griffith at 574-231-2807 or email him at [randal.griffith@honeywell.com](mailto:randal.griffith@honeywell.com)

### Members on the Move – Nassos Lazaridis

ASM Notre Dame Chapter member and former Chapter Board member, Dr. Nassos Lazaridis, FASM, started a special 3 year assignment in June 2006 from Mittal Steel to Hunan Valin Steel Tube & Wire Co in China as Vice General Manager and Chief Technology Officer. Mittal Steel (now Arcelor Mittal) acquired an equity position in Hunan Valin last year and Nassos is working with them on a number of projects including new product development on steel sheet, bar and plate products. Nassos is located in Changsha, the capital city in the Hunan Province and would be happy to see you if you ever get to Changsha. E-mail: [nassos.lazaridis@mittalsteel.com](mailto:nassos.lazaridis@mittalsteel.com)

**Chapter Officers:** Jim Hendricks – *Chairman* (574) 532-9237; Randy Griffith – *Vice Chairman* (574) 231-2807; Tim Conrad – *Secretary* (574) 315-5260, Rick Gordon – *Treasurer* (574) 272-9209; Jon Oram – *Past Chairman* (574) 236-5161, Al Miller – *Student Advisor*; **Board Members:** Walt Hornberger, Jim Chan, Bob Merryfield, Larry Lapp, Rick Rateick, Dave Coulston

## Directions to The Studebaker National Museum



**Directions:** *From the North* – Follow Indiana 933 South into downtown South Bend. When you enter South Bend, 933 becomes Main Street. Turn Right onto W. Washington Street. Turn left onto North Chapin Street. The museum is on the corner of Thomas and Chapin Streets. (Turn right)

*From the South:* Follow U.S. 31 North towards South Bend. When you approach South Bend, follow Business 31, or Michigan Street, into downtown South Bend. Michigan will become a one-way street. Turn left on Sample Street, Right on Chapin Street cross the intersection of Western Ave. and the museum will be a block away on the corner of Thomas and Chapin Streets. (Left side of street)

*From the East:* Follow Interstate 80-90 West to the South Bend/Notre Dame exit, which is exit number 77. After exiting, make a right turn at the stoplight, which is Indiana 933 South. Follow Indiana 933 South into downtown South Bend. When you enter South Bend, 933 becomes Main Street. Turn right onto W. Washington Street. Turn left onto North Chapin Street. The museum is located on the corner of Thomas and Chapin Streets (on the right hand side). The museum is approximately 4.78 miles from the toll road exit.

*From the West:* Follow Interstate 80-90 East to the South Bend/Notre Dame exit, which is exit number 77. After exiting, make a right turn at the stoplight, which is Indiana 933 South. Follow Indiana 933 South into downtown South Bend. When you enter South Bend, 933 becomes Main Street. Turn right onto W. Washington Street. Turn left onto North Chapin Street. The museum is located on the corner of Thomas and Chapin Streets (on the right hand side). The museum is approximately 4.78 miles from the toll road exit.

### Future Meetings for the Year:

December 2006: No Meeting

January 16, 2007: Medical Polymers, Speaker: Hallie Brinkerhuff, PhD (The Boathouse, Warsaw)

March 3, 2007: Engineers Week “Nanotechnology”, Speaker: George Adams III (Century Center, South Bend)

March 20, 2007: “Combinatorial Metallurgy”, Speaker Dr. Paul McGinn

April 17, 2007: National Officers Night with Dr. Fred Schmidt, FASM, presenting “Anatomy of a Landing Gear Failure Analysis”

May: Social Event, To Be Determined

### Summary of the Oct. Antique Gun Meeting

The antique gun presentation by Mike Hawkins (VP of research at Zimmer) triggered a lot of interest! We learned how replicas of antique guns are made. But don’t worry; the “Antique Road Show” can spot the reproductions (so don’t get any ideas). The process of making antique guns includes – in no particular order – choosing the proper wood for making the butt of the gun, making the barrel, rifling the barrel, assembling the rifle, and staining. Making an antique gun is very labor intensive but once you are done you have a working blast from the past. For those of us that attended we received the unexpected additional surprise of learning how antique knives are reproduced.

### Fun Materials Fact for the Month:

The Bessemer process was developed by Henry Bessemer. While Henry Bessemer is most recognized by his revolutionary steel making process he was a prolific inventor. He invented a process of making gold colored paint, movable dies for stamps, machinery to make sugar, a ship design in which the saloon stayed leveled no matter how the ship swayed (no more thinking you are drunk when you are really not), and a process for floating glass. Another invention of his was the forerunner to continuous casting.

**Chapter Officers:** Jim Hendricks – *Chairman* (574) 532-9237; Randy Griffith – *Vice Chairman* (574) 231-2807; Tim Conrad – *Secretary* (574) 315-5260, Rick Gordon – *Treasurer* (574) 272-9209; Jon Oram – *Past Chairman* (574) 236-5161, Al Miller – *Student Advisor*; **Board Members:** Walt Hornberger, Jim Chan, Bob Merryfield, Larry Lapp, Rick Rateick, Dave Coulston