MEDICAL DEVICES FOR SPINAL DISORDERS
Mark Kroll, Zimmer Spine, Inc.
May 23rd, 2007

MEDICAL DEVICES FOR SPINAL DISORDERS

The presentation will provide an overview of disorders of the spine and how the current standard of care addresses these disorders. Various materials used in the orthopedic industry will be touched upon with specific attention to recent use of alternate materials for traditional applications. The presentation will conclude with a segment on challenges and considerations faced when developing reusable surgical instruments.

Presenter, Mark Kroll, is a product development engineer for Zimmer Spine, Inc. Mark has worked in the orthopedic industry for eight years with a focus on spinal devices. His experience includes the development of implantable medical devices, surgical instruments and upper and lower spinal immobilization products.

MEETING LOCATION:
Bennigan’s
6475 Wayzata Blvd.
St. Louis Park, MN 55426

MEAL COST: $15

Register by May 18th at Noon by emailing your meal choice to: jimclifford@msn.com.

Choose: Sirloin with Baked Potato  Chicken Stir Fry on Rice  Vegetable Primavera
Entrées include main item and salad, served with water or coffee.

5:00 p.m. Social (Cash Bar)
6:00 p.m. Dinner
7:00 p.m. Presentation
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MESSAGE FROM THE CHAIR...

The year is almost over. I urge everyone to attend this month’s program, it is an “ice breaker” with respect to medical device presentations.

All members should be aware that our sixteen member board performed at a superior level. We started the year with six “off board” volunteers and added a similar number, to help with the Materials Camp. Kudos go to Lisa Koland for the planning and execution of this first time offering for high school students. Each of our five committees have produced a major project for the benefit of our members this year. Last month our Trustee, Dr. Mark Smith, told me he was impressed with our dynamic programs and impressive level of contribution and participation.

I am pleased and honored to have been a part of this dedicated and productive team. We all should give a great deal of thanks and praise to each and every one who helped to make this year so successful, that also includes all the members who came out for the various activities.

Larry A. Kirchner, PE
2006-07 Chairman

HELP WANTED

Materials Evaluation and Engineering, Inc in Plymouth, MN has an opening for an engineer with a bachelors or masters degree in materials science, metallurgical or polymer science engineering. The ideal candidate will have a minimum of 5 years direct experience in a materials characterization laboratory. A successful candidate will have a strong understanding of the fundamental physical behavior of materials, prior experience with failure analysis, and an understanding of fracture and corrosion. Communication and interpersonal skills are very important. Good writing skills are a must. A bit of an entrepreneurial spirit would be a plus. This is an opportunity to work in a first-class laboratory facility on challenging technical projects to help high-technology clients understand how the materials in their products behave and fail. The working environment is casual and team oriented. Send resume to hanke@mee-inc.com.

HELP WANTED

Crane Engineering, Inc., a consulting and forensic engineering firm located in Plymouth, MN, is currently searching for an experienced materials engineer. This position is responsible for working with clients in order to resolve problems through developing, selecting and testing materials and addressing problems relating to design, production, and claims investigation. The ability to work directly with clients and determine their needs is critical to the success of this position. If you are a materials engineer with 10 plus years of experience, a background in metals, plastics, and composites, and enjoy failure analysis, please forward your resume to Robin at robink@craneengineering.com. Candidates must be a PE or PE ready in order to be considered for this position.

SUSTAINING MEMBERS

[Logos of sustaining members]
**Program**

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<th>Month</th>
<th>Event</th>
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<tr>
<td>September 20</td>
<td>Plant Tour at Andersen Windows, Bayport, MN</td>
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<td>October 18</td>
<td>Polaris Presentation at St. Petersburg Restaurant, Robbinsdale, MN</td>
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<td>December 6</td>
<td>Mittal Steel Presentation at St. Petersburg Restaurant, Robbinsdale</td>
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<td>January 17</td>
<td>Wyko / Vecco (Optical Profilometry), St. Petersburg Restaurant, Robbinsdale</td>
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<td>March 15</td>
<td>Minn TS (Technical Symposium) Joint Societies Meeting at Medtronic</td>
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<td>April 18</td>
<td>ASM Trustee Visit (Topic TBD) at Doubletree Hotel, St. Louis Park, MN</td>
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<td>May 16</td>
<td>Zimmer, “Medical Devices for Spinal Disorders,” Bennigan’s, St. Louis Park, MN</td>
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