

NOVEMBER 2005 MEETING

WHEN:

Thursday, November 17th, 2005

SCHEDULE:

5:00 p.m. **Social Hour**

6:00 p.m. **Dinner, Choice of:**

Pollo a la Plancha (marinated chicken), Bistec Encebollado (Puerto Rican style top sirloin), or Pescado al Mojo (fish of the day)

7:00 p.m. **Speaker Presentation:**
Dr. G. Bryan Cornwall

WHERE:

Andres' Cuban Restaurant

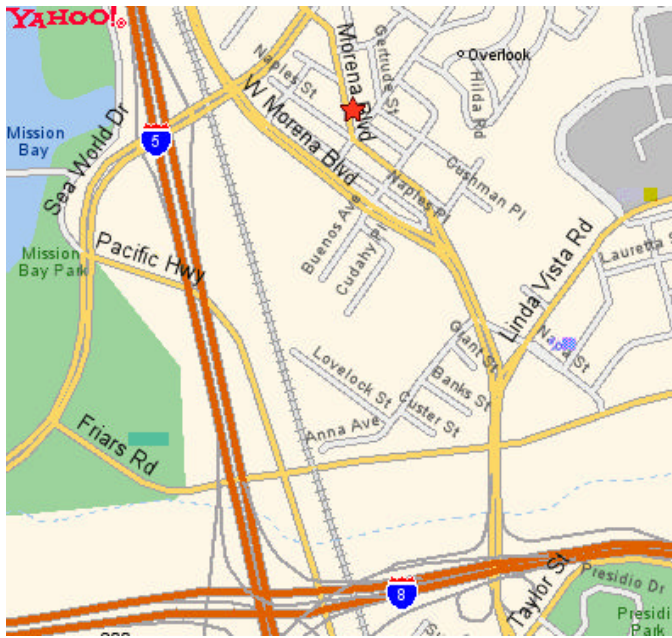
1235 Morena Blvd.
San Diego
(619) 276-4624

COST:

ASM Members - \$10
Guests - \$15
Students - \$5

TO REGISTER:

Call the ASM Info Line at (619) 685-8848, or send an e-mail by November 15th to sandiego@asmchapters.org



Dr. G. Bryan Cornwall, PhD, PE

Vice President of Research & Development
NuVasive, Inc.

PRESENTS:

Biomaterials used in Orthopedic Applications

Abstract

The number of materials used for medical implants is a small subset of the materials that are available for other industrial applications. Biomaterials are defined as materials that are able to function in intimate contact with living tissue with minimal adverse reaction or rejection by the body. For orthopedic applications, or applications associated with repair of the skeletal system, these materials have a number of functional requirements in addition to that of tissue compatibility including adequate strength, corrosion resistance, and the ability to provide either motion or fixation. A review of the commonly used materials including metals, polymers and ceramics used for different orthopedic applications will be provided.

Biography

G. Bryan Cornwall joined NuVasive in January 2004 as Vice President of Research and Development. He has led R&D teams in the

San Diego Chapter - Upcoming Meeting Schedule

Date	Event	Speaker	Location
January 20 th '06	Past Chair Night	Ron Dimelfi	Giovanni's
February 25 th '06	National Engineers Week Awards Banquet		Kroc Center
March 7 th '06	Joint meeting with ASNT	TBD	Andres' Cuban Restaurant
April '06 (date TBD)	Spring Education Series	TBD	Solar Turbines Learning Center
May 26 th '06	Awards Night	Dr. James Kohl	Giovanni's
June '06 (date TBD)	Social		Petco Park

When it comes to your metallographic preparation and testing success, Struers delivers...



**Powerful Equipment,
Intelligent Support,
Outstanding Service**

Contact Struers Executive Account Rep.
Nancy Kacius at 1.888.STRUERS, ext. 862.

www.struers-solutions.com
Struers Inc. Tel: 866-787-8169

CHUCK DRIESLER

SALES ENGINEER

9650 JERONIMO RD.

IRVINE, CA 92618

949 458-8885

1-800 BUEHLER

FAX 949 458-9208

Chuck.Driesler@Buehler.com



BUEHLER

APPARATUS AND SUPPLIES FOR MICROSTRUCTURAL ANALYSIS

Buehler Ltd. • 41 Waukegan Rd. • P.O. Box One • Lake Bluff, Illinois 60044 USA
Telex 210019 • Fax: 847 295-7979 • Telephone: 847 295-6500

Bodycote

Heat Treating & Brazing
Plasma Nitriding & Metallurgical Coatings

BODYCOTE THERMAL PROCESSING
TEL 858 586 7272

7384 TRADE STREET
FAX 858 586 7598

SAN DIEGO, CALIFORNIA 92121-2422
www.bodycote-na.com



**San Diego
Chapter**

P.O. Box 86202

San Diego, CA 92138-6202