



Neufeld Society

# NEWSLETTER

Volume 4, Number 4

October 1991



## The power of money

by K. Robert Lang '61  
President



Money is of uncertain value in many countries of the world today. The national currency loses worth nearly daily. Fortunately, we in the USA have faced only minor inflation. That may change, if one is given to believing the dire predictions regarding the banking and insurance industries.

Timely placement of one's resources is a special discipline. I would suggest to you that such a time presents itself now.

The thoughtful prescience and devotion of many individuals have brought the Alonzo J. Neufeld Research Endowment Fund to a most remarkable level. The physical space for the biomaterials research lab has now been provided and a biomechanical engineer has arrived on campus to lead this

fascinating expansion of LLU's orthopaedic department.

How can you help? Your executive committee has taken on the challenge of collecting the last \$300,000 to complete the goal of \$1.5 million

to complete the

endowment fund.

In your survey of worthy recipients, kindly remember this fund. It will add a significant depth and dimension to our School and its research program

heretofore not experienced.

I suggest that you survey your patients

for people who have benefited from orthopaedic surgery and who are in a position to return a significant gift of gratitude. If you make the contact and arouse the interest, we can provide the follow-up.

While money still means something, won't you help achieve our goal in 1992?



# Upper Extremity Pain

The 1992 Neufeld Society Orthopaedic Symposium

February 23 and 24

Jerry L. Pettis Memorial Hospital, Loma Linda, CA

## It's all coming together

by **Steven H. Packard '73-B**  
Program Chairman

It is my privilege to be the program chairman for the APC '92 Orthopaedic Symposium. As indicated in the accompanying Symposium outline, the theme is the painful upper extremity. An attempt has been made to focus on this area without considering trauma, tumors, or arthritides.

The best of days can turn into the worst of days when confronted with a six-inch pile of medical records to review and a patient to interview and examine who has a complex upper extremity pain problem. I anticipate that this two-day program will give all who attend new insights into the management of these difficult patients.

The keynote speaker will be George E. Omer, Jr., MD, an internationally recognized authority on peripheral nerve compression syndrome. All who have heard him testify that he is an outstanding speaker. We welcome him to Loma Linda.

As you can see by reviewing the program, an excellent faculty will tell us what's new and what's true in the diagnosis and treatment of the painful upper extremity. I have asked each of the faculty to give us their vision of the future on each topic presented, so hopefully what we learn today will prepare us for tomorrow as well.

We acknowledge that there is a scheduling conflict with the AAOS annual meeting, but before deciding whether to go to Washington, D. C. or come to sunny California, you may wish to check the weather reports and perhaps the crime statistics as well!

We hope to see you in February. Come and spend a couple of days with friends, colleagues, teachers, and associates—and bring yourself up to date on this most interesting clinical dilemma. ■

## Sunday, February 23

- 8:00 Upper Extremity Pain - an Overview Gary K. Frykman, MD  
8:20 Peripheral Nerve Compression Syndromes George E. Omer, Jr., MD  
9:20 Cervical Discogenic Syndromes Tim Gray, MD
- 10:10 Break**
- 10:40 Harold Boyd Memorial Lecture**  
Management Principles of Chronic Pain Syndromes  
George E. Omer, Jr., MD
- 11:30 Panel and Symposium Drs. Frykman, Omer, & Gray
- 12:00 LUNCH**
- 1:20 Carpal Tunnel Syndrome—An Update Stephen P. Abelow, MD  
1:40 Cubital Tunnel Syndrome Jim Matiko, MD  
2:20 Thoracic Outlet Syndrome Virchel Wood, MD
- 3:00 Discussion & Break**
- 3:30 Reflex Sympathetic Dystrophy Robert Unsell, MD  
4:00 Upper Extremity Pain and the Pain Center  
Monica Neumann, MD
- 4:30 Panel Symposium Drs. Unsell, Matiko, Wood, & Neumann
- 5:00 **Adjournment**

## Monday, February 24

- 8:00 Shoulder Pain—A Differential Diagnosis Stephen H. Packard, MD  
8:10 Impingement Syndromes—AC Joint Disease Gary K. Frykman, MD  
9:00 Periarticular Pain Syndromes & Rotator Cuff Christopher Jordan, MD
- 10:00 Discussion & Break**
- 10:30 Glenohumeral Disorders Including Shoulder Instability and the Slap Lesion Alan Wolf, MD  
11:30 Panel & Symposium Drs. Wolf, Jordan, & Frykman
- 12:00 Lunch**
- 1:20 Diagnostic Evaluations—MRI and CT Shoulder & Upper Extremity Neil Chafetz, MD  
2:30 Electrophysiological Evaluation of the Painful Upper Extremity Tim Coyle, MD, & Robin Vaughn PhD
- 3:30 Adjournment**

## Registration Form

"Upper Extremity Pain"

Sunday, February 23, 1992  
Monday, February 24, 1992

12.5 Hours of Category 1 CME  
Credit Available

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State & Zip \_\_\_\_\_

Registration Fee \$240

Neufeld Society Dinner  
\$35 per person

Total Enclosed \$ \_\_\_\_\_

Method of Payment

Check

Visa

MasterCard

Card # \_\_\_\_\_

Expiration Date \_\_\_\_\_

Signature \_\_\_\_\_

Detach and mail this form along with your method of payment to APC, SMA Alumni Association, 11245 Anderson St., Suite 200, Loma Linda, CA 92354. You will receive a confirmation letter. Your registration packet may be picked up at the lecture site. If you need additional information please call (714) 824-4633. Please return this form by February 7, 1992.

# Annual Neufeld Society Dinner

by **Kenneth Mudge '73-aff**, Dinner Chairman



*Shandin Hills Country Club*

Our annual Neufeld Society dinner will be held this year on Saturday night, February 22, 1992, at 6:30 p.m. in the dining room of the beautiful Shandin Hills Country Club, located at 3380 N. Little Mountain Drive, San Bernardino, CA.

Shandin Hills golf course is easily accessible by going North through San Bernardino on Highway 215; get off on 27th Street offramp; go East on 27th Street to Little Mountain Drive (first left); turn left on Little Mountain Drive and look for the golf course on the left; proceed to the clubhouse and ask for the dining room.

The social hour is at 6:30 p.m. with dinner at 7:00 p.m. The dinner price is \$35 per person. The four senior residents, their wives, and honored guests will be the guests of the Neufeld Society.

I urge you to send in your dinner reservations in advance to the Alumni Association office.

This will give us a more accurate count on the number of dinners to order. There will be provision made for you to pay at the door should you be unable to make advance reservations.

The evening program will be packed with interesting activities, however there will be ample time for you to visit with colleagues and friends.

Recognition will be given to those who have contributed to the teaching program. The "Man of the Year" will be introduced and honored, and the four senior residents will be introduced and present their research projects.

Dr. William Bunnell, department chairman, will introduce new personnel and bring you up to date on the latest developments in the department.

You will want to include this event in your busy APC '92 weekend schedule.

Shandin Hills Country Club phone number is (714) 886-0669.

# Introducing Subrata Saha, PhD

by Gery P. Friesen, Editor

The moment you meet Subrata Saha, PhD, the newest member of the department of orthopaedic surgery, LLUMC, you feel comfortable. His big smile and congenial spirit are disarming.

Dr. Saha has come to LLU to set up and then manage the biomechanical laboratory—the first of its kind on the campus. His labs are being set up in what for many years has been known as the “block house,” located directly north of the Del Webb Library and just east of Burden Hall. This building, twice scheduled for demolition, has gotten a new roof and other incidental repairs as needed to accommodate this new venture.

Within the sphere of the activities in the research building there will be, in addition to the biomechanics lab, a biomaterials lab, where various materials will be tested for tensile strength and other properties; a bioelectricity lab, where numerous health-related electrical possibilities will be pursued; a rehabilitation research lab, where a variety of options will be explored for the handicapped; and a small machine-workshop will provide space and tools for crafting instruments needed in this research.

Subrata came to LLU from LSU School of Medicine, Shreveport, Louisiana, where since 1979 he was professor and coordinator of bioengineering. He brought with him over \$250,000 worth of electronic and computerized instruments unique to his profession

acquired through prior grants or equipment he built. His library, worth \$50,000, will more than fill the room provided for his books. In fact, every room in the biomechanics lab has shelves filled with unique instruments and equipment he has brought, waiting only to be hooked up and for personnel to begin using them. Saha has also transferred unused grant funds estimated to be in excess of \$200,000.

On campus, and waiting only to be delivered by crane, is a triaxial Instron biomaterials testing unit. A hole has already been cut in the roof of the lab (and covered with an appropriate plastic cover that will provide light during the day), where the equipment will be lowered into the space prepared. Dr. Saha and his team (which he is assembling) mean business!

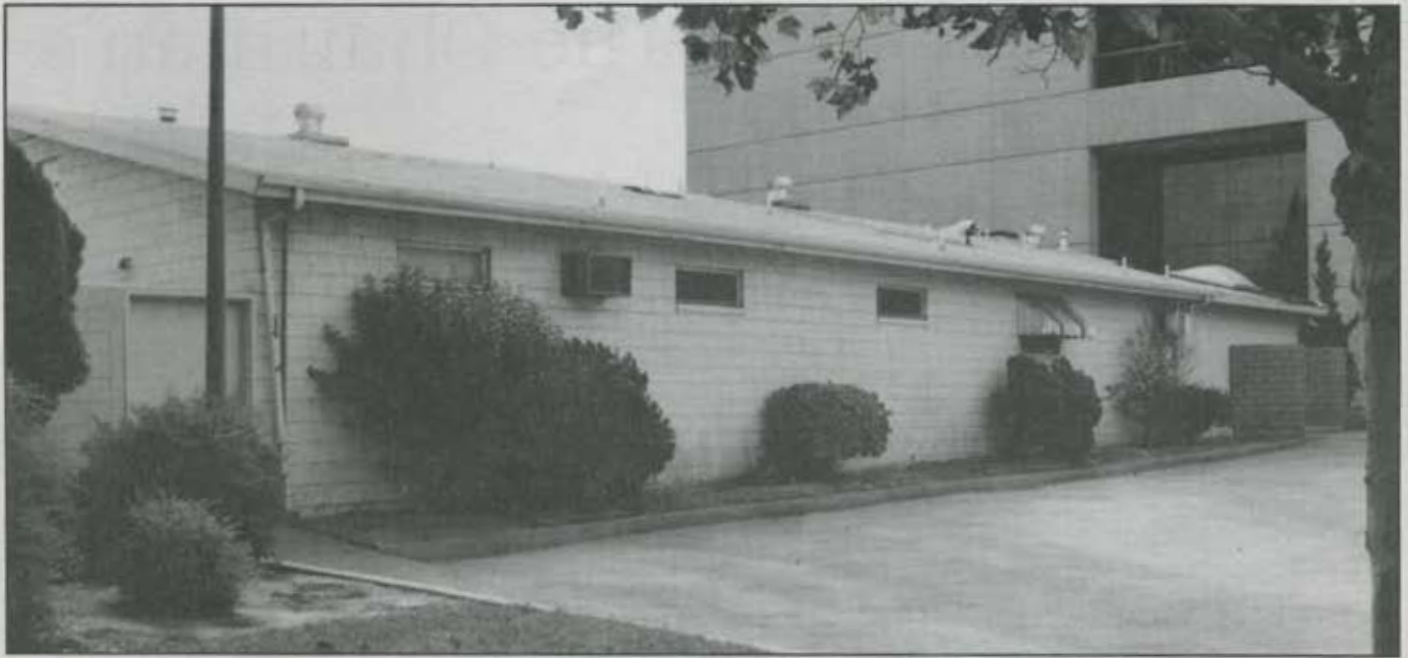
Saha decided to become an engineer while in high school. His father, a general practitioner in Kushtia, Bangladesh, was barely able to financially provide for his family because patients were frequently unable to pay the modest fee. And since the best students in India enrolled in either medicine or engineering, Saha decided to explore the other available option. He was always good in physics and math and had little trouble graduating from Vidyasagar College, on the campus of Calcutta University. From there he enrolled and graduated from Calcutta University as a civil engineer. Next he studied at McGill University in Montreal,



Quebec. Subsequently he enrolled at Tennessee Technological University in the department of engineering science and engineering mechanics. He received his PhD in applied mechanics from Stanford University in 1973.

Since 1973 his life has been a series of educational and professional accomplishments. His first introduction into orthopaedics was at Yale University School of Medicine where, as a research assistant, he explored bone strength and density and other factors unique to orthopaedics. By 1979 he was an assistant professor in the department of engineering and applied science. From there he joined the faculty at LSU.

“What made you decide to come to LLU?” I queried. He then told of meeting Dr. William Bunnell, department chairman, LLU department of orthopaedics, who must have done an outstanding job of painting a picture of possibilities. “I felt there were so many groups with which I could work at LLU. I could see the possibilities, and so I decided to come back to California,” he



The "block house," where Dr. Saha is setting up the new biomechanical lab.

said. He plans to work with the School of Dentistry, the rehabilitation program, and other entities on campus that can benefit from his talents and research.

One of the first items of business Saha has set himself to is the formation of a research advisory board—composed of people from the orthopaedic industry and from professional circles. Already he has received a positive response from several contacts he has made. This advisory board will keep the department current on what's new in the profession and in the industry, making it possible for the faculty to keep on the cutting edge of the profession. The board will also be invited to provide financial support for ongoing research.

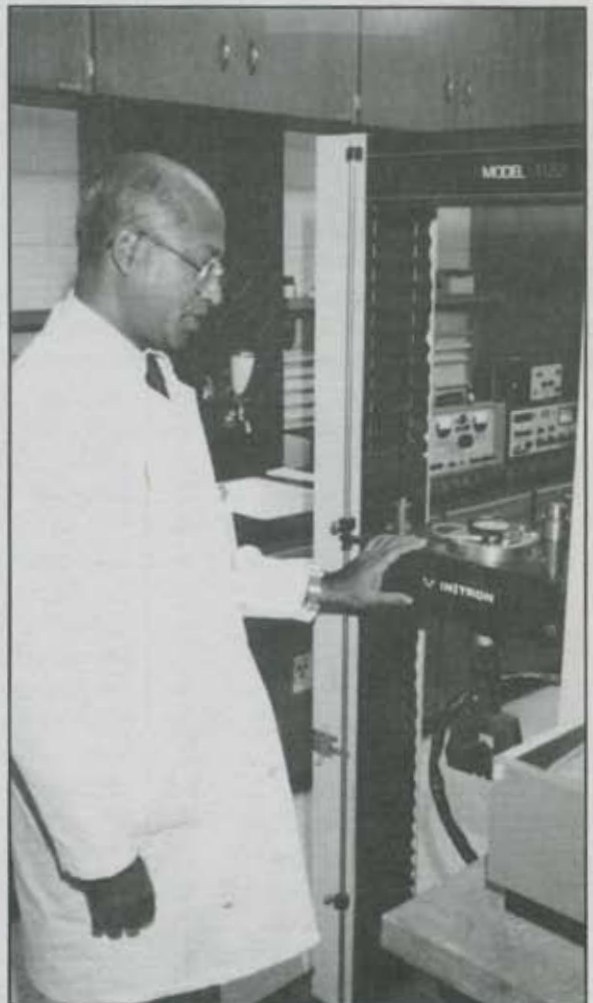
Among the many awards and honors Saha has received are: the 1991 ESCS Engineering Achievement Award; W. C. Hall Research Award in Biomedical Engineering (1987); Fellow, American Society of Mechanical Engineers (1986); Engineering Achievement of the Year (1985); Research Career Development Award (NIH 1978-1983).

Saha is the founder of the

Southern Biomedical Engineering Conference, first held in 1982. He is already planning this conference to be held at LLU in 1993.

Saha's wife, Pamela, a psychiatry resident at Martin Luther King/Drew Medical Center in Los Angeles, has applied to do her fourth year of residency at LLUMC. The Sahas are also both interested in ethics. Pamela received her degree in physical science from Stanford University in 1972. She has done graduate work in religion at the Divinity School, Yale University, and was a lecturer and program coordinator at Faith Bible College in Shreveport, LA.

The Sahas have two children, Sunil and Supriya. ■



A smaller model of the recently installed triaxial Instron biomaterials testing unit.



by William P. Bunnell, MD,  
Chairman, Department of  
Orthopaedics, LLUMC

# The Chairman's Corner

***"I am very excited about the progress that we have made and I am very thankful for the support of everyone who has actually made it happen."***

It has been very exciting to be chairman of this department during the past twelve months. All four objectives on my original administrative agenda have now been accomplished!

## I. EDUCATION

I felt that the residents needed specific direction in their educational efforts, and so I wrote a curriculum for the entire residency program. The American Orthopaedic Association has spent a great deal of time and money in the past two years to devise a curriculum which would be universally accepted. While they have been unsuccessful to date, ours is working well!

## II. ACCREDITATION

Establishing credibility for this program through full certification by the Residency Review Committee (RRC) was the single largest and most visible goal. After two provisional approvals we were granted a full five-year accreditation by the RRC in June 1991. The committee specifically commended the department for the positive changes that have been made. In a recent newsletter from the RRC they listed the twelve

deficiencies most frequently cited by the Committee. All twelve, within our recent memory, have been rectified!

## III. RESEARCH

A credible research effort is an essential part of every academic department. After determining that our primary efforts would be in the area of biomechanics, we began a search one year ago for appropriate testing equipment and a director. I am pleased to report that Subrata Saha, PhD, joined our faculty on August 1, 1991, as vice chairman for research and director of our biomechanics laboratory.

He is featured in another article in this issue and will undoubtedly be a major factor in improving the national recognition of this department. Dr. Saha brought a library, grant monies, and equipment, giving us a "quick start" for our laboratory.

We have 1,500 square feet of newly renovated lab space. We purchased a triaxial Instron biomaterials testing unit (very few are being used in biomedical research to date), which has been delivered and is currently being installed. We plan an open house

during next year's APC.

## IV. FUNDING

The final objective of my original agenda was to establish a reliable funding base for a research program. Those who preceded me had a vision of creating the Alonzo J. Neufeld Research Endowment Fund, which now contains \$1.2 of the \$1.5 million required.

Two gifts during the past two years totalling \$700,000 are currently generating income for our use. Within the last month one of our "grateful patients" set up a gift trust for our department of nearly \$500,000. This progress is truly exciting, even though the total is not yet adequate to support our initial research budget of \$350,000 per year. My goal is to see completion of the Neufeld Fund at \$1.5 million this year. Please consider helping us achieve this goal.

I am very excited about the progress that we have made and I am very thankful for the support of everyone who has actually made it happen. I look forward to being able to build on the foundations that have been established.

**1991  
Publications,**  
Department of  
Orthopaedic Surgery,  
LLUMC

**Wood, V.E.,** and Rothberg, M.: [Mini-symposium: the Wrist] (iii) Wrist Disorders in Children. *Current Orthopaedics*, 5(1): 22-32, January, 1991. (Churchill Livingstone, United Kingdom).

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**Saltzman, S.K.,** Mendez, A.A., Dabney, K.W., Bunnell, W.P.: Serotonergic Response to Spinal Distraction Trauma in Experimental Scoliosis. *J. Neurotrauma*, 8:45-54, 1991.

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**Skubic, J.W.,** Kostuik, J.P., Suh, P.B., Salo, P.: The use of Cotrel-Dubousset Instrumentation in the Treatment of Adult Idiopathic Scoliosis; *The Iowa Orthopaedic Journal*, Vol. 11:137-148, 1991.

# Hand surgeon joins the staff



Stewart Campbell, a 1983 graduate of the University of British Columbia, and a native of Montreal, Quebec, joined the staff of LLUMC department of orthopaedic surgery in August 1991. Prior to entering medical school Campbell completed graduate courses in biochemistry and immunology at McGill University, Montreal.

He took his orthopaedic residency at Dalhousie University, Halifax, Nova Scotia, and did his hand fellowship at Princess Margaret Rose Orthopaedic

Hospital, Edinburgh, Scotland. His American Board of Orthopaedic Surgery was completed in July 1990, after which he did a fellowship in hand and microvascular surgery at UC-San Francisco Medical Center from July 1990 to June 1991.

Campbell was the recipient of the Pulvertaft Scholarship in hand surgery, Edinburgh, Scotland.

His research includes studies on the basic physiology of the effects of hypothermia in man and a new low-cost cosmetic hand prosthesis.

A former rugby football player, Campbell also enjoys tennis, scuba diving, underwater photography, back-country skiing, and mountaineering.

He and his wife, Heather, a nurse at LLUMC, live in Redlands. ■

The  
Alonzo J. Neufeld Society  
thanks

Mr. Peter O'Malley and the  
Dodger Baseball  
Organization

for their third \$5,000  
gift to the  
Alonzo J. Neufeld  
Research Endowment  
Fund  
in honor of

**Frank W. Jobe '56**  
the Team's Orthopaedic  
Physician

The total received

for the

Alonzo J. Neufeld  
Research Endowment Fund

as of September 30, 1991 is

**\$1,200,444**

*Let's band together  
to reach our goal of  
\$1.5 million  
by APC '92.*



Please enroll me as a member of

# The Neufeld Society

## Annual Membership:

- Regular \$100       Resident at \_\_\_\_\_ completing in 19\_\_
- Resident, Retired, Honorary, First year in practice are Dues-free
- Neufeld Society Tietack/lapel pin \$30
- Alonzo J Neufeld Research Endowment Fund: \$ \_\_\_\_\_
- Neufeld Society Life Membership \$1,500       Neufeld Soc. Dinner \$35

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Received MD degree from \_\_\_\_\_ 19 \_\_\_\_\_

Completed Residency at \_\_\_\_\_ 19 \_\_\_\_\_



## Neufeld Society NEWSLETTER

The *Neufeld Society Newsletter* is produced by the Alumni Association, School of Medicine of Loma Linda University, and is free to all orthopaedists. Your written request will place you on the mailing list.

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1992 Nom. Comm: Drs. Bob Horner,  
Terry Dietrich, and Dan Skeoch

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All *Neufeld Society* Correspondence and manuscripts should be directed to the Editor, *Neufeld Society Newsletter*, 11245 Anderson Street, Loma Linda, CA 92354.

## Be a part of the **APC '92** Orthopaedic Symposium

**February 23,24  
1992**

at the

Jerry L. Pettis  
Veterans  
Memorial  
Hospital,  
Loma Linda, CA

Take advantage  
of the  
Opportunity  
to advance  
the goals  
and objectives  
of the  
Neufeld Society.



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