



# Neufeld Society

# NEWSLETTER

Volume 1, Number 3

November, 1988

## Neufeld Research Chair Update

By C. Larry Davis '61, President

Endowed chairs for clinical research must provide sufficient income to retain a researcher and to provide the milieu conducive to meaningful investigation. To assure quality and perpetuation, LLU has determined that such named honorary chairs must be funded to at least \$1.5 million.

The good news is that the Alonzo J. Neufeld Chair for Orthopaedic Research now stands (as of August 31, 1988) at \$732,618 (not including current pledges of approximately \$80,000). Of the nine LLU clinical research chairs, the chair in orthopaedics has been in the forefront in terms of money raised.

The better news is that so far only a handful of the over 200 orthopaedists, eligible as members of the Neufeld Society, have contributed to the Chair. That means that if everybody does his share, we will not only meet our goal — we will far exceed it.

There are so many reasons why it is so important to fully fund the chair so it can become operational. Here are a few of them:

1. *To honor the memory of Dr. Alonzo Neufeld as a great teacher and true innovator.*

2. *To support orthopaedic research and education.* Most of us are better at taking care of patients and applying the advances provided to us through research. This is a way in which we can also contribute to the advancement and promulgation of our craft.



C. Larry Davis '61

3. *To support the orthopaedic department and the dedicated chairman and his staff.* They unselfishly support their own clinical department which relieves the University of an enormous financial drain, which almost all other medical schools commonly experience. Additionally, each of the full-time staff members has generously supported the Chair funded by individually pledging or giving in excess of \$50,000.

4. *To support Loma Linda University.* Private health science education cannot survive without external support. Many private medical and dental schools are in jeopardy. Last year three major dental schools closed their doors. Some private universities have large endowments; LLU has little in endowment funds to date. We, its alumni, are LLU's endowment. We owe a tremendous debt to the institution and its men and women who nurtured us and provided us

with the tools of our trade. We can and must show our appreciation for these blessings by giving of our means. Loma Linda University did not come into existence without a great deal of giving and sacrifice.

5. *Support begets support and giving begets giving.* Orthopaedists already have led the way in showing our fellow alumni what can be done, but we've really only scratched the surface of what really can and must be done.

Won't you join us today? If you haven't already done so, send in your Neufeld Society dues and a contribution or pledge to the Alonzo J. Neufeld Chair for Orthopaedic Research. Be sure to make out your check to the Alumni Association, School of Medicine of LLU and mark it either "Neufeld Society dues" or "Alonzo J. Neufeld Chair."

When you participate with your funds you continue to foster the Neufeld spirit of research and inventiveness. As students and residents of Alonzo J. Neufeld '35, we all share a deep sense of pride in our training program. With a united support we will continue to be imbued with that same spirit of inquisitiveness and innovation that we as his students experienced.

Let us support orthopaedic education and research in a manner befitting the memory of Dr. Neufeld. In so doing we will underwrite an orthopaedic program of which we can all be proud.

# 1989 Alumni Postgraduate Convention

By Philip Reiswig '61

Where will LLU orthopaedic surgeon alumni and their guests be on the evening of February 25, 1989? They'll be at the beautiful Lake Arrowhead Hotel in Lake Arrowhead for the annual Neufeld Society dinner. You will want to be present to make new friends, renew old friendships, and support the Neufeld Society.

Clyde Davis '61, Neufeld Society president, will be the master of ceremonies. Among the features at the dinner will be the presentation of the papers by the senior orthopaedic residents. The resident judged to have presented the most outstanding paper will be awarded with a trophy and a prize. This proved to be a very popular part of the program last year. An additional highlight at the dinner this year will be the presence of Vernon Nickel '44-A, the first chairman and director of the department of orthopaedics. Residents who took their training under him in the early '70s are being given a special invitation to attend.

The scientific program will consist of a two-day meeting on February 26 and 27 and will emphasize foot problems and their treatment. Dr. Sig Hansen, from the University of Washington, returns as the Harold Boyd Visiting Professor. He is actively involved in organizing our scientific program. The faculty will also include other specialists in the field. Dr. William Bunnell, chairman, department of orthopaedic surgery, LLUSM, will present a "state of the department" address, during which he will bring the alumni up to date

*Philip Reiswig '61 is associate professor of orthopaedic surgery, LLUSM, and program chairman for the orthopaedic section of APC '89.*



Philip Reiswig '61

on the progress being made in the department of orthopaedic surgery, LLUSM.

This year, for the first time, a catered luncheon will be available on Sunday and Monday for the convenience of those attending the program. Dr. Bunnell will be available to meet alumni and guests during this time.

The orthopaedic section of the APC is in a state of metamorphosis. It is important that alumni and members of the Neufeld Society become more involved in the entire program. It might be nice, for instance, to have preconvention activities such as bicycling, snow skiing, golf, or tennis in which the entire family could be involved.

Bring your ideas to the next APC and help us put a little life and zest into the program. Let's get together to enjoy our friendships and learn something in the process.



## A "NEUFELDISM"

Submitted by C. Larry Davis '61 as he remembers it:

"Beware of the patient whose muscles hang and droop like Spanish moss."

## NEUFELD SOCIETY RECEPTION AT AAOS

A reception will be held for members and friends of the Neufeld Society at the 1989 American Academy of Orthopaedic Surgeons in Las Vegas. The reception will be on Saturday, February 4, 1989, 6:00 to 8:00 p.m. The location will be announced in the final Academy program book.

Please plan to attend this reception and renew acquaintances with old friends and meet our senior residents.

# Meet the New Residents



**James Clark '90-R**



**Kaarsten Lang '87**

James Clark graduated from the University of Washington in 1982 with a BA and in 1987 with his MD. He completed a surgery residency at the Virginia Mason Hospital in Seattle, Washington. Among his accomplishments are a pilot study he co-authored on the placebo response in anxiety neurosis and a study on patterns of calcaneal fractures with Dr. Sig Hansen at the University of Washington. Clark, an avid tennis player, was a member of the top-ranked doubles team in the state of Washington during high school, followed by two years of college tennis. He also enjoys hiking and bicycling.



**Mark Nystrom '84**



**Ghassan Tooma '87**

Kaarsten Lang '87 graduated from Walla Walla College with a bachelor's degree in biology in 1983. After medical school she did an internship in general surgery at LLUMC, which she completed in 1987. The daughter of orthopaedic surgeon Robert Lang '61, Kaarsten looks forward to following in her father's footsteps. She was co-editor of her medical school class yearbook and a student delegate to the California Medical Association. Research interests include the effect of gallium and calcitonin on bone resumption in ovariectomized versus non-ovariectomized rats. Kaarsten is very involved in music as an avocation.

Mark Nystrom '84, a native Californian, graduated from the University of California with a bachelor's degree in bioengineering and a master's degree in mechanical engineering. His master's thesis was on the mechanical properties of muscle. While in medical school he served on the California Medical Association committee on automotive and traffic safety, and spent three months in Nepal. Since graduating from medical school he has been at the Kern County Medical Center in surgery, neurosurgery, and orthopaedic surgery. Medical hobbies include overseas medicine and engineering biotechnology. Non-medical pursuits include backpacking and downhill skiing.

Ghassan Tooma '87 is a native of Baghdad, Iraq. He received his bachelor's degree in biology in 1983 and his medical degree from Loma Linda University. He completed his internship in general surgery at LLUMC in 1987 as well. During his orthopaedic surgery elective while a senior medical student and his three months of general surgery internship he was involved in a research project with Gary Frykman '65 of a comparative study of 11 external fixators for distal comminuted radial fractures and a proposal for a new external fixator for the same type of fractures. Tooma's interests include traveling, skiing, windsurfing, sailing, flying, horseback riding, swimming, tennis, basketball, and soccer.

# The Good Old Times

By K. Robert Lang '61

Returning to the old homestead is a poignant adventure that both warms and warns. A recent visit to our family home of over 40 years provided both emotions. The memory glow of wonderful events and people in our past, as well as a sense of dread that wherever we are tending time is fast fleeting, all converged during that visit.

Many faces passed my mind's eye with each corner I turned. Some brought joyous recall; others evoked strange prickly sensations of resentment, frustration, and even pity. Hurts and slights suffered from the latter recalls seemed so insignificant now.

Places come to view where social survival and graces were learned. The recall of many produced bemused ponderings.

In all, the visit produced a heightening of my spirit and an opportunity to recall many dreams foregone or forgotten. Some survived revival; others returned to rest.

Returning to any portion of your life and experience has rewards and hazards. So it is with coming back to the old turf of residency. Whether you battled at Big County, White Memorial, LLUMC, or Rancho — there is a commonality of experience that makes these places part of you — and of us all.

It is that experience that calls us together. The gifts of knowledge and skills given by selfless teachers prompts a feeling of obligation to return a portion of what was given us.

The growth of girth or loss of hair prompts comparisons by those of leaner years.

The knowledge quest for skill, techniques, and materials that work, drives us all. And perhaps the joy of sharing better methods, newer ideas,



K. Robert Lang '61

and larger visions should bring us all to our early digs, where the young still labor.

So it is — the Neufeld Society is

aborning; the ortho program at LLUMC is flowering and our grads everywhere are starring.

We want all who have had a part or interest in the Loma Linda University Medical Center's department of orthopaedics to join this good effort. It will be done without you, but not as well. It can go on without you, but not as far.

Please do two things: give a few dollars to the Neufeld Society in membership dues or for research grants. Next, visit with us at the annual lecture series to give a paper, share a case study, or just to bask in the memories of the good old times, bad or good.

You'll find that what really only matters is now and after now.

## The Chairman's Corner

By William Bunnell, M.D.

Chairman, Department of Orthopaedics, LLUMC

*"Between the exhilaration of beginning and the satisfaction of completion comes the Middle Times."*

That line from one of my favorite poems describes where we are as a department. The accreditation crisis is behind us, our educational program is running smoothly, and our research efforts are beginning to show results.

I am so pleased to report that four papers and a scientific exhibit were presented at last year's Academy meeting. One of the papers was presented by Brad Baum '82, one of our senior residents. We will have three papers at this year's Orthopaedic Research Society meeting, one of which will be presented by first year



William Bunnell, M.D.

resident Kaarsten Lang '87.

After one year's work we have finally succeeded in obtaining laboratory space at the Veterans Adminis-

tration Hospital. Edmund Weis, M.D., will be the official occupant of the laboratory where he will work on his VA-funded project entitled "Per-cutaneous prosthetic limb attachment." Leisure Yu, M.D., will also be an active occupant of the laboratory as he begins setting up a major long-term project involving a cartilage study. We have just hired John Crisler, a research assistant, to work in the laboratory as the microsurgery laboratory technical director. He has been instrumental in revitalizing this operation. A number of staff, residents, and physicians have taken the 40-hour microsurgical course under his direct supervision.

Ruth Azerado, a medical editor and writer, was hired to provide assistance in library research and manuscript preparation. Her assistance has been invaluable to our department. She is in the process of a major reorganization of our departmental library.

The Research Committee has assumed the responsibility of reviewing proposals and making recommendations to our department for funding. The size of this committee has grown and its importance will increase as additional funds become available and increased research activities become possible.

We plan to hire a research fellow and soon as our laboratory is operational. We expect that to be very soon. This must all be funded from clinical income at the present time and this presents a real dilemma for our department. If we all work hard clinically to generate the funds, there is little time left for research; if on the other hand time is taken from research activities, funds quickly disappear. Our strategy at this point is to begin activities at a modest level and grow as funds become available from the Alonzo J. Neufeld Chair for Orthopaedic Research.

I continue to value greatly the encouragement and support I have received from so many of you. I look forward to seeing you at the Academy meeting.

## Roster of Orthopaedic Surgeons

*Includes graduates of LLUSM  
and residents of LLUMC and WMMC.*

Charles Alexander  
Brent N. Allen  
Dale R. Allen  
Dale R. Anderson  
\*Merlin G. Anderson  
Paul L. Anspach  
George H. Barakat  
Mark A. Beckner  
Douglas W. Benson  
\*Stephen O. Berthelsen  
Bryce B. Blue  
Charles R. Booth  
Thomas M. Bowen  
William W. Bowen  
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Frank M. Brown  
William E. Brown  
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Wilton H. Bunch  
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\*Thomas R. Burgdorff  
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Al Capodiecchi  
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Gregory D. Carlson  
James W. Carlson  
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Marshall Ching  
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William Clayton  
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\*Douglas E. Holford  
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Ken Y. Hsu  
Howard D. Huenergardt  
Scott B. Hutson  
Clyde M. Ikuta  
Denis I. Inaba

\*indicates Neufeld Society members.

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 \*Christopher M. Jobe  
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# Tips, Tricks, and Traps

## Cast Brace Hinge Application to Fiberglass Cast

By Edward B. Miller '73

**Problem:** Hinge alignment and anchorage with fiberglass cast.

**Solution:** Rivet hinges to cast *after* cast material has hardened.

**Method:**

1) Bend four 12-inch strips of 1-inch alumafoam; splint material double, with foam sides together (Diagram A).

2) Pad leg with conventional woven stocking. Use cotton webril and a second cover of stockinette at trim points above the knee.

3) Roll a long leg fiberglass cast, incorporate alumafoam at future hinge attachment points. Mark and cut trim-lines above the knee. Leave a 1-inch bridge out and post uncut (Diagram B).

4) Remove "ears" from polycentric hinges by drilling rivets.

5) Place hinges in S & D alignment jig and bend hinge arms to match the cast.

6) Maintain hinge position with a pair of large quick-release hose clamps (Diagram C).

7) Be sure hinge arms are over the alumafoam splints.

8) Drill three 13/64" holes in each strap and through the *first* layer of alumafoam only (see illustration). The second layer will prevent the drill bit from plunging into the patient.

9) Attach the hinges with long 3/16" aluminum "pop" rivets (Diagram D).



Edward B. Miller '73



Diagram A

10) Cut out the "bridges" about the knee. Remove excess material and finish off edges with moleskin.

Note: Procedure can be modified to allow varus/vulgus or ant/post adjustment before riveting — be sure to cut bridges first. Hinges can be reset by simply drilling out rivets.

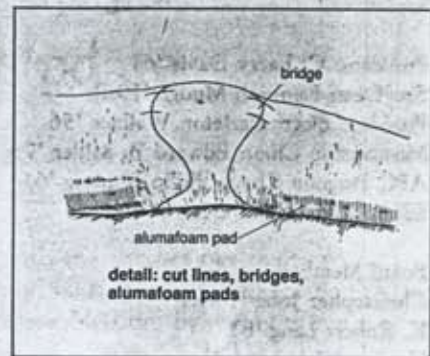


Diagram B

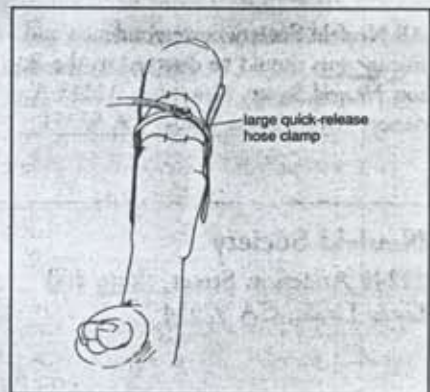


Diagram C

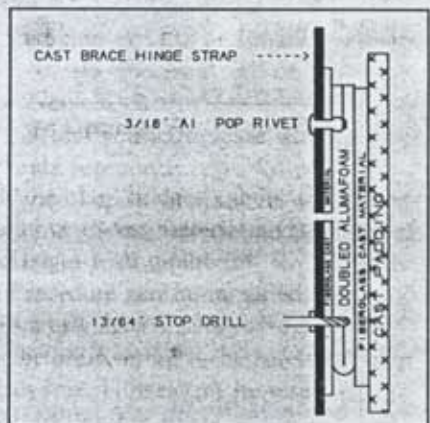


Diagram D

Edward B. Miller '73, orthopaedic surgeon specializing in surgery of the hand, practices in Mount Shasta, CA.

If you wish to share a solution to a commonly encountered orthopedic problem, write us. We will publish a new idea in each issue of the Newsletter.



Neufeld Society  
**NEWSLETTER**

The *Neufeld Society Newsletter* is published 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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**Vernon Nickel '44-A**  
**William Bunnell, M.D.**

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

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