

# IMPACT



An Orthopaedic Research and Education Foundation Publication

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No. 1

## The Importance of Research on a Career and to a Specialty

When I became Chair for OREF in February, I recalled my years of involvement with this fine organization. I received my first of three OREF Research Awards 30 years ago, for basic science research on destructive processes in the knee.

In 1975, and again in 1979, I was fortunate enough to win two more research awards, both related to arthritis. As a result, I was able to develop my own research focus, refine and enhance the research skills, and develop the data to successfully compete for NIH awards throughout my career. Those early experiences gave me a clear view of the significance of OREF support to young researchers. As my career developed, I did more research, collaborated with other investigators, and taught many young surgeons, many of whom have gone on to successful research careers of their own. All of that leads to a substantial increase in knowledge that lets me and you – and all orthopaedic clinicians – do a better job in improving the quality of care for our patients. To me, the direct line between research and better patient care is obvious.

Over the years, I have been involved as a donor, a member (and for three years as Chair) of the Research Committee, a volunteer fundraiser, and a member of the Board of Trustees. In all of those roles, I have watched carefully as OREF has grown in scope and impact. I have seen it adhere to the highest standards of excellence in evaluating and awarding research grants. I saw it encourage the leaders of our specialty – researchers, teachers, clinicians, and society leaders. I saw how well it manages its investments – the money you and I donate – and observed how carefully it has kept administrative costs low, so more money can be used for research.

In short, I have seen OREF develop a solid tradition of excellence. It is a standard I am quite proud of, and hope that you are too, because OREF is our foundation – the one foundation serving the entire orthopaedic community. It was formed by orthopaedic surgeons nearly 50 years ago, for orthopaedic surgeons, to benefit orthopaedic surgeons.

While I am proud of this tradition of excellence, I am also pleased at its ability to be innovative, and to respond to



Victor M. Goldberg, M.D.

changing times. Over the years, OREF has developed new ways to seek support, putting into place designated giving programs, creating a number of endowments, and incorporating our Web site as a tool in those efforts. OREF has formed closer ties with more than two dozen orthopaedic organizations. We created and expanded a program for residents, and began offering research awards to encourage them to start their own efforts

as investigators early on. In the past two years, we have addressed one of the most pressing needs facing the specialty – the shortage of experienced clinicians who are also able to conduct high quality research, with the creation of three new clinician scientist awards. There are other innovations being developed as OREF prepares to meet the needs of the orthopaedic specialty at a time when change comes faster than ever before.

When I look back on my 30 years of experience with OREF – and on OREF's nearly 50 years of history - I see an organization with a solid tradition of excellence, but one that also has a strong commitment to innovation and improvement. That is a powerful combination.

### Contents

### Page

Award Recipient Profiles

2

Campaign Coordinator Corner

3

Corporate Associates Program

6

Grants and Awards

7

AOSSM

11

## Drs. Haydon and Jones Receive Career Development Awards

**NEW ORLEANS, LA** – The Board of the Orthopaedic Research and Education Foundation approved \$2.9 million in grants and awards at its Annual Meeting in February. Through that funding 84 grants and awards were approved by the OREF Board of Trustees during the AAOS Annual Meeting earlier this year. Career Development Awards for 2003 went to:

**Rex C. Haydon, M.D., Ph.D.**, University of Chicago, and recipient of the Thomas M. Coffman Career Development Award, and **Marci D. Jones, M.D.**, University of Arizona.

“My research efforts in the past have focused on areas of orthopaedic basic science that are especially amenable to translation into the clinical sphere. The work that I will be conducting through the OREF Career Development Award fulfills this goal, and will serve as a point of departure for my future research endeavors.”

Upon completing fellowship training in orthopaedic oncology, he will join the University of Chicago faculty. In addition to pursuing a career as a clinician scientist, he hopes to mentor future

orthopaedic residents and medical students who are interested in research.

**Marci D. Jones, M.D.**, University of Arizona, also received an OREF Career Development Award for her project, *The Role of PHEX in Bone Matrix Mineralization: Response to Vitamin D*.

**Zimmer Orthopaedic Career Development Award recipient George V. Russell, Jr., M.D.**, University of Mississippi, is one of eight recipients selected for this award in 2003. Dr. Russell hopes that his research will decrease the



George V. Russell, Jr., M.D.

number of surgeries for patients with open fractures, lessen the need for bone grafts and hospital stays. His current career plans include continuing his education, academic practice, and specialization in trauma, as well as expand his basic science research.



Rex C. Haydon, M.D.

As a Career Development Award recipient, Dr. Haydon will receive \$75,000 a year for three years to pursue his basic science research project, *BMP6-Mediated Osteogenesis*, which he hopes will eventually lead to improved strategies for bone regeneration in clinical practice.



### GRANTS AND AWARDS AVAILABLE



Help us create a new direction for orthopaedic opportunities!

Orthopaedic Research and Education Foundation has many grants and awards available to new and young researchers. Applications and guidelines for OREF Grants and Awards can be obtained starting on April 1 by:

- Downloading through the OREF Web site: [www.oref.org](http://www.oref.org) or
- E-mail Carmen Metoyer at [metoyer@oref.org](mailto:metoyer@oref.org) or call (847) 384-4351 to request applications

Submission deadlines have changed - See our Web site for details.

Discovering the Future of Orthopaedics

## OREF Endowment News & Views



Mark Malone

We would like to thank and recognize the following new Alfred R. Shands Jr. Circle members who committed to the endowment during 2002 and through March 6, 2003. We appreciate their generosity and commitment to orthopaedic research and education

**Gunnar B.J. Andersson, M.D., Ph.D.**

**Dr. David and Mrs. Claudia Attarian Michael J. Axe, M.D.**

**Dr. Bruce and Mrs. Patricia Baker M. Scott Beall, Jr., M.D. Mark Bernhardt, M.D.**

**Dr. Daniel and Mrs. Camilla Berry**

**Dr. John and Mrs. Alice Bowker Richard A. Brand, M.D.**

**Dr. Charles and Mrs. Victoria Bush-Joseph Mr. Joseph Casselli Clifford W. Colwell, Jr., M.D.**

**Dr. Aaron C. and Mrs. Anita Cook Frank A. Cordasco, M.D. Alvin H. Crawford, M.D.**

**Mr. and Mrs. J. Raymond Elliott**

**Dr. John B. and S. Jean Emans**

**Stephen W. Houseworth, M.D., FACS**

**Ken N. Kuo, M.D.**

**Dr. David and Mrs. Marti Lewallen Courtland G. Lewis, M.D.**

**Dr. Frederick and Mrs. Anne Matsen George M. McCluskey III, M.D.**

**Carl L. Nelson, M.D. Mary I. O'Connor, M.D.**

**Mr. Jeffrey H. Owen Dr. Richard and**

**Mrs. Jana Parker Jack E. Parr, Ph.D.**

**Dr. Thomas and Mrs. Rebecca Samuelson Rev. Alfred R. Shands III William A. Sims, M.D.**

**Dr. Thomas and Rev. Laura Spangler Howard H. Steel, M.D.**

**Dr. Rick W. and Mrs. Lana Wright**

**Dr. and Mrs. Ken Yamaguchi**

## State Campaign Coordinator Corner



Ed Hoover



Megan Wilson

We thank the following Trustees and Volunteers for speaking on behalf of OREF at the following meetings in April and May 2003:

**Robert Bucholz M.D.  
Jack E. Zigler, M.D.  
Wayne Goldstein M.D.  
John J. Callaghan M.D.  
C. Lowry Barnes M.D.**

**Tom Grollman M.D.**

**George Russell M.D.**

**E. Anthony Rankin, M.D.**

**Joseph S. Barr, Jr., M.D.**

**James Chow, M.D.  
John J. Callaghan M.D.**

**Bob Gieringer M.D.  
William C. McMaster, M.D.**

**William A. Sims, M.D.**

**James B. Benjamin, M.D.  
Courtland G. Lewis, M.D.**

**Harry C. Eschenroeder, Jr., M.D.**

**Alan S. Routman, M.D.  
Lynn Crosby, M.D.**

Texas Orthopaedic Society  
ASIA  
Illinois Orthopaedic Society  
Iowa Orthopaedic Society  
Arkansas Orthopaedic Society  
Hawaii Orthopaedic Association  
Mississippi Orthopaedic Society  
Washington DC Orthopaedic Society  
Massachusetts Orthopaedic Association  
AANA  
Mid-America Orthopaedic Association  
Alaska Orthopaedic Society  
California Orthopaedic Association  
Alabama Orthopaedic Society  
Arizona Orthopaedic Society  
Connecticut Orthopaedic Society  
Virginia Orthopaedic Society  
Florida Orthopaedic Society  
Ohio Orthopaedic Society

## Annual Giving Update

On behalf of the entire Board of Trustees, I wish to thank last year's donors for generously supporting OREF. Since 1955, OREF has awarded more than 1,700 grants totaling more than \$50 million. This year OREF will fund \$2.9 million for over 80 research and education projects. This vital orthopaedic research is made



Bernard R. Bach Jr., M.D.  
Vice Chair, Development

possible by your generous contributions to OREF on an annual basis.

Last year OREF received 244 applications requesting over \$13 million in funding. The number of projects OREF is able to fund will depend on the donations received. As the Vice Chair, Development, I understand the importance of each contribution received by OREF. Please join me in supporting OREF in 2003, and urge your colleagues and friends to do so as well.

Do you want to get the latest on OREF? Want to receive our e-newsletter with breaking news and upcoming events? Find out when we have new planned giving articles posted on our web site! Send us your e-mail address and we'll make sure you're in the loop.

## Victor Goldberg, M.D. Elected OREF Chair

**NEW ORLEANS** - At the February 4, 2003 Orthopaedic Research and Education Foundation Board of Trustees Meeting, several members were voted into new terms as Officers.

Assuming new terms are:

**Victor M. Goldberg, M.D.** in the position of Chair, previously held by **James R. Urbaniak, M.D.**, **William C. McMaster, M.D.** to Secretary, and **Thomas A. Einhorn, M.D.**, to Vice Chair, Grants.

After serving four years as Vice Chair for Grants for

OREF, Dr. Goldberg brings his strong research background to the leadership position. Currently, he is Professor of Orthopaedics at Case Western Reserve University, where he has participated in many NIH-funded research projects.

In 1973, Dr. Goldberg and **Arnold Powell, Ph.D.** of Case Western Reserve University received an initial research grant from OREF for *Autoimmune Synovitis in the Rabbit: Further Studies to Modify the Destructive Processes in the Knee Joint*. This funding was instrumental

in beginning his research career. A Board of Trustees member since 1998, Dr. Goldberg has supported the Foundation through the Alfred R. Shands Jr. Circle since 1994. In addition, he holds membership in many orthopaedic societies that include American Academy of Orthopaedic Surgeons, Association of Bone and Joint Surgeons, American Orthopaedic Association, Orthopaedic Research Society, The Hip Society, The Knee Society, and the Academic Orthopaedic Society.

Dr. Goldberg's articles have appeared in various medical

periodicals that include: The Journal of Bone and Joint Surgery, Journal of the American Medical Association, The American Journal of Sports Medicine, Arthritis and Rheumatism, Orthopedics, and American Journal of Knee Surgery.

**William C. McMaster, M.D.**, succeeds **James W. Ogilvie, M.D.** as Secretary. Dr. McMaster has been an OREF Trustee since 1998, an Alfred R. Shands Jr. Circle member since 1996, and has supported

(Continued on page 10)

## OREF's 2003 Leadership Breakfast Program

**By Judy Sherr**  
**Vice President,**  
**Corporate Relations and**  
**Strategic Philanthropy**

On Thursday, February 6, 2003, OREF hosted its Leadership Breakfast at the New Orleans Hilton. More than 200 people attended this special, invitation-only event, including leaders in orthopaedics, current and former OREF grant recipients, and distinguished representatives from industry. The breakfast again provided a relaxed, informal setting ideal for productive networking.

On behalf of the OREF Board of Trustees, **James Urbaniak, M.D.**, Past Chair, **Victor Goldberg, M.D.**, Board Chair, and **John Callaghan, M.D.**

Vice Chair, Corporate Relations, expressed their sincere appreciation to those corporate contributors and volunteer orthopaedic surgeons who have committed their time, energy and resources in support of OREF's efforts to broaden the base of orthopaedic knowledge.

**Dr. Callaghan** presented special plaques to representatives from those companies at the highest corporate contribution levels. These companies, all of which have demonstrated a strong commitment to OREF, include Aircast, Aventis, DePuy, a Johnson and Johnson Company, Medtronic Sofamor Danek, Musculoskeletal Transplant

Foundation, Organon Sanofi-Synthelabo, Orthofix, Pfizer/Pharmacia, Stryker Howmedica Osteonics, Wyeth, and Zimmer.

**Victor M. Goldberg, M.D.** recognized the many grant recipients whose funding was supported by corporate contributors. He also acknowledged the companies whose 2002 contributions funded specific research investigators, provided support for OREF's Practice Management Symposium for Orthopaedic Residents, the OREF survey on Standards of Care in DVT Prophylaxis, and designated support to Specialty Society's education and research efforts. **Dr. Goldberg** thanked the volunteers who reviewed

the 244 applications in 2002 as well as the State Campaign Coordinators.



L to R: **Roy Crowninshield, Ph.D.** and **Cheryl Blanchard, Zimmer, Stuart L. Weinstein, M.D.**

The Leadership Breakfast generates a unique synergy that serves as an important reminder of how vital the industry/orthopaedic surgeon partnership is to bringing about advances in the profession, and enhancing patient care.

# 2002 Corporate Associates Gallery



L to R: **James R. Urbaniak, M.D.**, OREF Past Chair, **Jim Johnson**, Aircast **John J. Callaghan, M.D.**, OREF Vice Chair, Corporate Relations.



L to R: **Fred Bass**, Aventis, **Richard D. Coutts, M.D.**, OREF Trustee, **Kyle Nahrebne, M.S.**, Aventis.



L to R: **Nicholas J. Valeriani**, DePuy, **Charles A. Rockwood Jr., M.D.**, OREF Chair Elect, **James R. Urbaniak, M.D.**, **Kevin Sidow**, DePuy, **John J. Callaghan, M.D.**, **Richard Tarr**, DePuy, **Gregory M. Franks**, DePuy.



L to R: **George F. Rapp, M.D.**, OREF Trustee, **Michael F. DeMane**, Medtronic Sofamor Danek, **Richard D. Coutts, M.D.**, OREF Trustee, and **Courtney W. Brown, M.D.**, OREF Treasurer.



L to R: **Sia Sengos**, Organon Sanofi-Synthelabo, **Lisa Flair**, **Warren Creed**, **Scott Scutchfield, M.D.**, **Jeff Clark**, **S. Terrance Canale, M.D.**, OREF Trustee, **Kevin Williams**, **Kim Hotson**, **John Powell**, Organon Sanofi-Synthelabo.



L to R: **James W. Strickland, M.D.**, OREF Trustee, **Krystyna Gurstelle**, Pfizer Pharmacia.



L to R: **Thomas A. Einhorn, M.D.**, OREF Vice Chair, Grants, **Bruce Stroever**, Musculoskeletal Transplant Foundation, **Stephen K. Storer, M.D.**, MTF-funded Resident Research Grant Recipient, **William F. Enneking, M.D.**, MTF.



L to R: **Edgar Wallner**, Orthofix, **Richard D. Coutts, M.D.**, OREF Trustee, **Charles W. Federico**, Orthofix.



L to R: **Richard D. Coutts, M.D.**, **John Brown**, Stryker, and **Courtney W. Brown, M.D.**



L to R: **Teresa Fantacone**, **Emil C. Andrusko, R.Ph.**, Wyeth, **S. Terrance Canale, M.D.**, **Jeff Rutan**, Wyeth.



The distinguished companies below have demonstrated a strong commitment to broaden the base of knowledge in orthopaedics through their support of OREF.

**- 2002 -**

**Diamond Level (\$200,000 or more)**



**Platinum Level (\$100,000 - \$199,999)**



**Gold Level (\$50,000 - \$99,999)**

Biomet / EBI  
Smith + Nephew, Inc. / Orthopaedics / Endoscopy  
Synthes USA and AO ASIF Foundation

**Silver Level (\$10,000 - \$49,999)**

Abbott Laboratories	Centerpulse	Kyphon
The Alliance for Better Bone Health (Procter & Gamble and Aventis)	Champion Exposition Services	Merck Human Health
Arthrex	Exactech	MicroAire Surgical Instruments
AstraZeneca	Genzyme Biosurgery	Purdue Pharma
	Howmedica Osteonics Clinical Consultants	Synthes Spine
		Wright Medical Technology

**Bronze Level (\$1,000 - \$9,999)**

Aesculap	Hapad	OTI
Aptic Medical Simulation	Innomed	Pacific Research Laboratories / Sawbones
Arimed Orthopaedics	KMedic	PAK Manufacturing
Boehringer Ingelheim Pharmaceuticals	Knowledge Enterprises	Spinal Concepts
Encore Medical Corporation	Link Orthopaedics	Symmetry Medical
Endius	Maine Orthopaedic Review Course	Zimmer Thomson Associates
GE LUNAR	MEDSTRAT	
	Orthopedic Network News	

To learn more about the Corporate Associates Program, contact Judy Sherr, VP, Corporate Relations at (847) 384-4356 or sherr@oref.org

# 2003 Grants and Awards Funded

In 2002, the Orthopaedic Research and Education Foundation received 244 grant and award applications totaling \$13.1 million. The Foundation continues to support quality orthopaedic research and education through 84 grants and awards totaling \$2.9 million from the Fund of 2002.

Additionally, \$1.3 million was raised for use by various specialty societies. Congratulations to the following grantees and award recipients.

## Career Development Awards

**Rex C. Haydon, M.D., Ph.D.**  
University of Chicago

*BMP6-Mediated Osteogenesis*

**Recipient of the Thomas M. Coffinan  
Career Development Award**

**Marci D. Jones, M.D.**  
University of Arizona

*The Role of PHEX in Bone Matrix  
Mineralization: Response to Vitamin D3*

## Research Grants

**Matthew J. Allen, Ph.D.**  
SUNY Upstate Medical University

*Cellular and Molecular Effects of Radiation  
Therapy For Osteolytic Bone Metastases*

**James W. Brodsky, M.D.**  
Baylor University

*Reducing the Cost and Improving the Treatment  
of Ulcers in Diabetes*

**Henry G. Chambers, M.D.**  
Children's Hospital, San Diego

*A Comparison by Motion Analysis of Anterior  
Cruciate Ligament Reconstruction with a  
Patellar Tendon Versus a Hamstring Tendon  
Autograft*

**Funded by the Musculoskeletal Transplant  
Foundation**

## Research Grants (Cont'd.)

**Frank A. Cordasco, M.D.**  
Hospital for Special Surgery

*Differential Patterns of Muscle Activation in  
Patients with Symptomatic and Asymptomatic  
Rotator Cuff Tears*

**Matthew B. Dobbs, M.D.**  
Washington University

*Localization and Identification of the Gene(s)  
Involved in Idiopathic Clubfoot*

**Gui Gao, M.D., Ph.D.**  
Shriners Hospital for Children, Tampa

*ADAMTS-4 Activation and the Chondrocyte  
Response to Joint Injury*

**Richard L. Ilgen II, M.D.**  
University of Wisconsin, Madison

*Conventional vs. Highly Crosslinked Polyethylene  
Particles - An In Vivo Comparison of Biologic  
Activities*

**Jianjun Ma, M.D., Ph.D.**  
Wake Forest University

*The Effects of Timing of Delayed Nerve Repair  
on Nicotinic Acetylcholine Receptor Subunit  
Expression in Skeletal Muscle*

**Partially funded by Synthes (USA) and  
AO/ ASIF Foundation**

**Peter Muir, Ph.D.**  
University of Wisconsin, Madison

*Bone Fluid Flow During Fatigue Loading*

**Recipient of the Stephen C. Hunter,  
M.D. Memorial Research Award**

**R. Lor Randall, M.D.**  
University of Utah

*cDNA Microarray Analysis of Mesenchymal  
Tumors: Investigation of Genomic Expression  
to Develop a Taxonomic Classification*

**Chunfeng Zhao, M.D.**  
Mayo Clinic

*Modification of Extrasynovial Tendon by  
Carbodiimide Derivatized Hyaluronic Acid  
(cd-HA) for Tendon Grafting*

**Michael J. Zuscik, Ph.D.**  
University of Rochester

*Cell and Molecular Effects of Nicotine on  
Chondrogenesis and Cartilage Differentiation*



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**Resident Research Grants**


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**Keith M. Baumgarten, M.D.**  
Barnes Jewish Hospital

*Corticosteroid Injection in Diabetic Patients with Trigger Finger: A Prospective, Randomized, Controlled, Double-Blinded Study*

**Maneesh Bawa, M.D.**  
University of California,  
San Diego

*Contribution of Muscle to the Vascularity of a Posterolateral Lumbar Fusion*

**John-Erik Bell, M.D.**  
University of Iowa

*Gene Expression Patterns of Swarm Rat Chondrosarcoma from Induction to Progression of Metastatic Disease*

**Michael E. Darowish, M.D.**  
University of Rochester

*The Role of IL-1 in Particle Mediated Inflammatory Bone Loss*

**Michael J. DeFranco, M.D.**  
Cleveland Clinic Foundation

*The Effect of Mechanical Conditioning on the Properties of Cell-Seeded Human Dermis Scaffolds*

**Recipient of the Katherine Wolcott Walker Resident Research Award**

**Matthew L. Hansen, M.D.**  
Hospital for Special Surgery

*The Influence of Inferior Rotator Cuff Co-Contraction on Glenohumeral Stability in Massive Rotator Cuff Tears: A Cadaver Model*

**Funded by Organon Sanofi-Synthelabo, L.L.C.**

**Kevin B. Jones, M.D.**  
University of Iowa

*Effects of a Low-Efficiency Conditional Knock-Out of EXT 1 in the Physal Chondrocytes of Mice*

**Recipient of the Centerpulse Resident Award for Growth Factor Research funded by Centerpulse Orthopedics**

**Vishal M. Mehta, M.D.**  
University of Chicago  
*Augmentation of Flexor Tendon Healing Using Gene Therapy with BMP 13 in a Rabbit Model*

**Alice Mendelson, M.D.**  
Wayne State University  
*Evaluating Immune Sensitization to Orthopaedic Biomaterials Using the Activation Antigen CD69*

**Recipient of the Charles H. Herndon Residency Research Award Funding by the Musculoskeletal Transplant Foundation**

**Greg A. Merrell, M.D.**  
Yale University

*GATA-1 Megakaryocytes: Novel Osteoinductive Pathway for Promoting Bony Healing in a Rat Critical Sized Defect Model*

**Recipient of the Marshall R. Urist Residency Research Award funded by the Association of Bone and Joint Surgeons**

**Andrew D. Pearle, M.D.**  
Hospital for Special Surgery  
*The Role of Synovial Membrane Inflammation in Osteoarthritis*

**Funded by Organon Sanofi-Synthelabo, L.L.C.**

**Edward K. Rodriguez, M.D., Ph.D.**  
Beth Israel Deaconess

*Dependence of Joint Development on Limb Motion: An Ex-Ovo Model of Knee Morphogenesis in the Chick Embryo*

**Funded by Organon Sanofi-Synthelabo, L.L.C.**

**Stephen K. Storer, M.D.**  
Columbia University

*The Effect of Topical Bisphosphonate on Cortical Intercalary Allografts*

**Recipient of the Charles H. Herndon Residency Research Award Funding by the Musculoskeletal Transplant Foundation**

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**Prospective Clinical Research Grants**


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**William B. Macaulay, M.D.**  
Columbia University

*An Evaluation Study Comparing Total Hip Arthroplasty to Hemiarthroplasty in the Treatment of Displaced Femoral Neck Fractures*

**Robin Patel, M.D.**  
Mayo Clinic

*Novel Approaches to Prosthetic Joint Infection Diagnosis*

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**Zimmer Orthopaedic Career Development Awards**


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**Bryan T. Kelly, M.D.**  
Hospital for Special Surgery

**Choll Wan Kim, M.D., Ph.D.**  
University of California,  
San Diego

**Hubert Kim, M.D., Ph.D.**  
University of California,  
San Francisco

**Seth S. Leopold, M.D.**  
University of Washington

**Valerae O. Lewis, M.D.**  
M.D. Anderson Cancer Center

**Laura J. Prokuski, M.D.**  
University of Wisconsin,  
Madison

**George V. Russell, Jr., M.D.**  
University of Mississippi

**Brett A. Taylor, M.D.**  
Washington University

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**OREF Clinical Award**


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**John J. Callaghan, M.D., Douglas R. Pedersen, Ph.D., Richard C. Johnston, M.D. and Thomas D. Brown, Ph.D.**  
University of Iowa

*The Clinical Biomechanics of Wear in Total Hip Arthroplasty*

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**AAOS/OREF Health Services Fellowship**


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**Kevin J. Bozic, M.D.**  
University of California,  
San Francisco



## The Journal of Bone and Joint Surgery Journal Clubs

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Albany Medical College  
 Atlanta Medical Center  
 Henry Ford Hospital  
 Hospital for Special Surgery  
 Howard University  
 Johns Hopkins University  
 Medical University of South Carolina  
 National Naval Medical Center  
 Northwestern University  
 NYU - Hospital for Joint Diseases  
 Ohio State University  
 Strong Memorial Hospital  
 SUNY at Buffalo  
 Tripler Army Medical Center  
 Tufts - New England Medical Center  
 University of Arkansas  
 University of California, San Francisco  
 University of Chicago  
 University of Colorado  
 University of Florida  
 University of Iowa  
 University of Kentucky  
 University of Louisville  
 University of Massachusetts  
 University of Michigan  
 University of Missouri, Columbia  
 University of Nebraska  
 University of Oklahoma  
 University of Pittsburgh  
 University of Texas at Houston  
 University of Texas Southwestern  
 Vanderbilt University  
 Wayne State University  
 Wright State University

## Patel Traveling Fellowship

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Sabyasachi P. Banerjee, M.D.  
 Gujarat, India

## Fred W. Hark, M.D. and William A. Hark, M.D. Lectureship Awards

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Atlanta Medical Center  
 Boston Medical Center  
 Brooke Army Medical Center, Ft. Sam Houston, TX  
 Dartmouth Hitchcock  
 Duke University  
 Hughston Sports Medicine Foundation  
 NYU - Hospital for Joint Diseases  
 Rush-Presbyterian-St. Luke's  
 University of Michigan  
 University of Pennsylvania  
 University of Texas Southwestern  
 University of Vermont  
 University of Virginia  
 University of Washington  
 University of Wisconsin, Madison  
 Washington Orthopaedic Society

## State Society Lectureships

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Arkansas Orthopaedic Society  
 California Orthopaedic Association  
 Eastern Orthopaedic Association  
 Florida Orthopaedic Society  
 Georgia Orthopaedic Society  
 Hawaii Orthopaedic Association  
 Iowa Orthopaedic Society  
 Kansas Orthopaedic Society  
 Louisiana Orthopaedic Association  
 Michigan Orthopaedic Society  
 Mid-America Orthopaedic Association  
 Mid-Central States Orthopaedic Society  
 Mississippi Orthopaedic Society  
 Missouri Orthopaedic Association  
 North Carolina Orthopaedic Association  
 Pennsylvania Orthopaedic Society  
 South Carolina Orthopaedic Association  
 Tennessee Orthopaedic Society  
 Virginia Orthopaedic Society  
 Washington Orthopaedic Society  
 West Virginia Orthopaedic Association

## Educational Awards

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### Academic Orthopaedic Society

*The Future of Medical School, Residency and Fellowship Education*

### Partially Funded by a gift from the Jefferson County Orthopaedic Society

### American Academy of Orthopaedic Surgeons

*AAOS/NIH Tissue Engineering in Musculoskeletal Clinical Practice Workshop*

### American Academy of Orthopaedic Surgeons Committee on Aging

*Instructors Course in Orthopaedic Geriatrics*

### American Orthopaedic Association

*Support for the International Center for Orthopaedic Education*

### Boston University Medical Center

*Psychomotor Operative Skills Laboratory*

### Gordon Research Conference

*Gordon Research Conference on Biology and Pathology of Cartilage*

### The Journal of Bone and Joint Surgery

*Web-Based Enhancements of Peer-Reviewed Articles*

### Orthopaedics Overseas

*OREF-OO Traveling Fellowship*

### University of Florida

*Musculoskeletal Pathology Seminar*

**J. Patrick O'Connor, Ph.D.**, University of Medicine and Dentistry of New Jersey received mention in the January 2003 issue of Discover Magazine as one of the Top 100, Year in Science Stories in 2002 for his OREF funded work, *The Role of Inflammation in Bone Healing*. **Synthes (U.S.A.) and AO/ASIF Foundation** partially funded the grant.

## Shands Circle Donors Honored at Annual Dinner

By **Mark Malone**  
Vice President, Development

Members of the Orthopaedic Research and Education Foundation's Alfred R. Shands Jr. Circle gathered Tuesday, February 4, 2003 in the Plimsol Club of the World Trade Center in New Orleans for a reception, dinner, and music. Each year the Foundation presents the black-tie optional dinner, to honor the members of this distinguished group, and to provide a unique opportunity to socialize with each other during their meeting schedule at the AAOS Annual Meeting.

The occasion provided guests a great view of the city from the French Quarter and down along the Mississippi River. After dinner and a brief presentation by Board of Trustees Chair, **James R. Urbaniak, M.D.**, "A Taste of New Orleans with Jimmy Maxwell" performed as the evening's entertainment.



L to R: **Dr. William and Mrs. Mary Patricia Mason, Mrs. Leigh E. and Dr. L. Andrew Koman.**

The Alfred R. Shands, Jr. Circle is a recognition society established in 1994 for that group of individuals who demonstrate a long-term commitment to the endowment at OREF with one-time or multi-year cash contributions of \$20,000 or more, or a deferred contribution (trusts, bequests, insurance, etc.) of \$50,000 or more. The Shands Circle membership is now approaching 300.

In addition to the annual dinner, the Alfred R. Shands Jr. Circle program offers other

benefits that include: AAOS VIP Housing selection at the Annual Meeting, a recognition plaque of solid walnut with member's image engraved in bronze, a lapel pin that features the Shands Circle emblem, and special recognition in the OREF Annual Report. Spouses also receive a unique gold and diamond lapel pin. For more information on the program's benefits, contact **Mark Malone** at (847) 384-4355 or e-mail at [malone@oref.org](mailto:malone@oref.org). You can also find valuable information on our Web site: [www.oref.org](http://www.oref.org).

## New Leadership

(Continued from Page 4)

the Foundation at the Order of Merit Level for seventeen years. His practice, Adult and Pediatric Orthopaedic Specialists, is located in Orange, CA.

Former Career Development Award recipient, **Thomas A. Einhorn, M.D.**, Department Chair, Boston University, moves into the position of Vice Chair, Grants for OREF. A Trustee since 2002, Dr. Einhorn has supported the Foundation at the Order of Merit Level for 15 years, and has been an Alfred R. Shands Jr. Circle member for two years. His award in 1986 was for research for *Protein Degrading Enzymes at Physiological pH in Bone and Cartilage Calcification*.

Additionally, **Courtney W. Brown, M.D.**, **John J. Callaghan, M.D.**, **Bernard R. Bach Jr., M.D.**, and **Mr. Sydney M. Pond** were re-elected for their second three-year term as Treasurer, Vice Chair, Corporate Relations, Vice Chair, Development, and Vice Chair, National Board, respectively. **Charles A. Rockwood, Jr., M.D.** was elected to Chair Elect, and **James R. Urbaniak, M.D.** was elected to Past Board Chair and Liaison to the National Board.

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# Partnering with OREF

## Supporting Sports Medicine Through OREF

By **Brian Haefs**  
**AOSSM Director of Communications**

Founded in 1972, the American Orthopaedic Society for Sports Medicine (AOSSM) is a world leader in orthopaedic sports medicine education, research, communication, and fellowship. Our 1,600 members around the world—physicians, athletic trainers, physical therapists, and more—demonstrate a continuing commitment to the specialty. In fact, over 90% of our members serve as team physicians at the professional, collegiate, and high school levels.

“Orthopaedic sports medicine” describes the care of the muscles, bones, and joints of athletically active individuals. From interscholastic athletes to the pros, from children playing kickball in the backyard to retirees who want to stay active—everyone is affected by orthopaedic sports medicine.

A critical component of AOSSM’s mission is to support the scientific research that addresses these needs. As one of the original Council of Musculoskeletal Specialty Societies (COMSS) partners in the OREF Designated Giving Program, AOSSM receives an average of more than \$180,000 each year from individuals, institutions, and corporate sponsors.

AOSSM is well positioned to channel these funds where they are needed most, whether it is to support important new research or promising young investigators, find new solutions to long-time challenges, or help us better understand the factors in quality athletic care.

One program that has benefited from this funding is a new initiative on noncontact ACL injuries. In 2002, researchers presented abstracts of research proposals at an AOSSM workshop that fostered collaboration and discussion from all attendees. The workshop resulted in nine promising grant applications, one of



which ultimately was awarded a grant from AOSSM/OREF to pursue their important research.

Funding received through OREF also is supporting development of a normative dataset for the International Knee Documentation Committee (IKDC) Subjective Knee Evaluation Form. The form provides a standardized knee injury scoring system that allows researchers from around the world to discuss and exchange their ideas and findings in a common framework.

Every year, AOSSM provides new funding opportunities to those just starting out in research. The AOSSM Young Investigator Grant (YIG) is awarded each year to those looking to establish their research credentials. Designed specifically for principal investigators who have not received any prior peer-reviewed external funding, the YIG provides the start-up funds they need to launch their pilot projects.

Another opportunity for young sports medicine professionals is the annual Sports Medicine Traveling Fellowship, which is sponsored by Aircast, Inc. In this cultural and professional exchange between North America, Europe, and the Pacific Rim, three fellows visit foreign sports medicine centers for three weeks, accompanied by a well-known senior orthopaedic sports medicine specialist who acts as mentor.

Orthopaedic sports medicine is an ever-growing field. As researchers work together, finding new ways to improve care of the athlete and management of sports injury, AOSSM will find new ways to support their efforts. The Society thanks all those who have contributed through OREF and helped make exercise and activity safer and more beneficial for all.

For further information on these and other AOSSM programs, go to the AOSSM website at [www.sportsmed.org](http://www.sportsmed.org). To learn more about contributing to orthopaedic sports medicine research, contact OREF at **Ed Hoover** (847) 384-4354 or **Megan Wilson** (847) 384-4353.

AOSSM is one of the 18 original participants in OREF’s Designated Giving Initiative, a program that allows contributors the opportunity to provide support for specialty groups through their annual gift to OREF. The program now includes 24 orthopaedic organizations.

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# Calendar Highlights for 2003

## Heal With Steel Benefit Slated

Motorcycle enthusiasts will abound as the Inaugural Benefit Ride for the Orthopaedic Research and Education Foundation, supported by the Thunderbird Samaritan Medical Center, Banner Health System, takes off on Sunday, May 4th in Glendale, AZ. On-site registration will be held from 8-10 a.m. at the Banner Thunderbird Medical Center. Refreshments will be served after the ride, as the "Rockin' Docs" perform.

## Resident Symposia Scheduled

The 2003 Midwest Resident Research Symposium is scheduled for Friday, May 9 at Loyola University in Maywood, IL. Department of Orthopaedics Chair, **Terry Light, M.D.** hosts the event. In addition, **Louis Bigliani, M.D.**, Chair, Department of Orthopaedics, hosts the 2003 New York Resident Research Symposium also set for Friday May 9, 2003 at Columbia University.

## OUR MISSION

**The Orthopaedic Research and Education Foundation (OREF) is an independent organization that raises funds to support research and education on diseases and injuries of bones, joints, nerves, and muscles. OREF-funded research enhances clinical care, leading to improved health, increased activity, and a better quality of life for patients.**



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