

Bold Initiatives for a Bright Future



2007/2008
Progress
Report



AMERICAN
FOUNDATION
for SURGERY
OF THE HAND



American Foundation for Surgery of the Hand

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Mission

To advance the care of hand and upper extremity disorders by supporting education and research through the efficient collection of donations and administration of grants.

Vision

The American Foundation for Surgery of the Hand will be recognized as the world's premier source of financial support for upper extremity research and education. Hand care professionals, students, industry and the public will value and respect us for our unsurpassed support of education and scientific investigation, unquestionable integrity and fiscal responsibility.

Core Values

Integrity is our most important asset. We will always adhere to the highest ethical principles while seeking new and innovative ways to raise capital for hand and upper extremity research and education. In partnership with the ASSH, we will administer resources responsibly and distribute funds with the utmost fairness and impartiality.

Contact us at

www.assh.org and click on AFSH

847.384.8300

President's Message



The past year began an exciting initiative to support the future of our specialty. The *Future in Hand* Capital Campaign was launched to raise \$3 million for the purpose of supporting basic science and clinical research. With the expertise of the Research Division of the ASSH and the money raised through the capital campaign of your Foundation, the goal is to fund studies which will further the knowledge and practice of hand surgery.

I am thrilled to share the wonderful news that under the superb leadership of Dr. Terry Light, the campaign has gathered widespread support among our members. We have already surpassed our initial goal of \$3 million and have now set our sights on a new (and achievable) goal of \$5 million.

The early success of the campaign has allowed the timetable to be moved up on some of the goals. For example, one of the Hand Society's promising young surgeon scientists was sent to the ACS Young Investigators Workshop in early 2008. The future growth and advancement of our specialty will depend on encouraging our young researchers to maximize their potential. Two new named funds have also been formed. The Lee Gordon Fund will help to support and encourage hand surgery and volunteerism in developing countries. The J. Leonard Goldner fund will be used to support the research mission of the AFSH.

Thanks to the pledges of the Capital Campaign, which designated a percentage of donated funds for the Annual Campaign, in 2008 we will have more available funding for grants than ever before. The projections for 2009 are even more encouraging. Simply put, the more money we have in our endowment, the more money we have available each year to support our mission of providing grants for research and education in the field of hand surgery.

With the renewed and revitalized efforts of the Foundation, comes a greater need for accountability. Therefore, periodic reports such as this will be sent to all members, partners and stakeholders throughout the year in order to keep everyone informed of the vital work of the Foundation

I want to thank each of you who have supported the Foundation over the past year. We welcome the contributions of all our members. It is your input and dedication that will ensure a healthy future for our specialty and quality care for our patients.



Anne J. Miller, MD
President, AFSH





Our Role in Research



Our Research Vision

Compelling research drives new information in our field. Quality research can produce paradigm-changing scientific studies; it leads to the best papers and fosters development of new treatment algorithms, surgical techniques, and devices. Excellent clinical research changes physician practice to achieve improved patient outcomes.



Founded in 1986 by the Council of the American Society for Surgery of the Hand (ASSH), the American Foundation for Surgery of the Hand (AFSH) was originally created to address the rising expense of providing continuing medical education, and allow the Hand Society to remain committed to its mission of providing continuing education.

For the past 21 years the mission of the Foundation has grown to include an expanded vision and mission of providing increased funding for high quality hand surgery research - research that will produce evidence-based information to benefit patients, drive innovation in the field, and enhance the leadership role of the AFSH in American medicine.

Since its inception, the Foundation has:

- Granted over \$2.5 million in hand-related research and education, while building a corpus to address future research needs.
- Designated \$1.3 million of the total awards to starter and pilot research programs.
- Awarded nearly \$1 million to fund more than 49 basic science grants.
- Awarded over \$300,000 in support of 24 clinical grants.

While excellent value had been achieved from the funding of education and basic science research grants, efforts to support clinical research studies have been less successful largely due to under-funding.

In 2007 AFSH began an exciting initiative, and one of our most ambitious fundraising campaigns to date, the *Future in Hand* Capital Campaign. The goal of the campaign was to raise \$3 million to dramatically increase funding for our clinical and basic science research program. Thanks to the early success of this campaign, commitment to the field, and the generous support of our donors, the AFSH has already surpassed this goal. Because this early success was achieved while only touching a small group within the field, we have increased the goal of the Campaign to \$5 million. We believe that we have the ability to reach this goal by bringing the appeal to a much larger audience.

The achievements of this campaign and our continued fundraising efforts are important to future research enhancements and will help lead the AFSH in driving compelling research to our field.

With the support of our donors our future in research looks promising and rewarding.



Future in Hand Capital Campaign



"The response of the hand surgery community has been phenomenal. The breadth

of commitment of ASSH members to the *Future in Hand* Campaign has demonstrated that our members recognize how important high quality research is to advancing our specialty. The campaign has enlisted the support of new, established and emeritus members of the society."

Terry R. Light, MD, Chair,
Future in Hand Campaign

2007 featured an exciting initiative as the American Foundation for Surgery of the Hand announced one of our most ambitious fundraising campaigns to date, the *Future in Hand* Capital Campaign. The campaign to date has raised over \$3 million. Awed by the response to the announcement of the Campaign and recognizing that this response stems from a small portion of the hand care community, the ASSH Council and the AFSH Board of Trustees have set a goal of \$5 million by 2010.

Through this effort, AFSH hopes to significantly increase support for research in the field of hand and upper extremity surgery and care. The achievements of this campaign and our continued efforts are important to funding future research endeavors and will help lead the Foundation and our specialty to further pioneering research developments.

The *Future in Hand* campaign has gathered widespread support among Hand Society members, Foundation supporters, corporations, health care professionals, and individual donors all dedicated to furthering research developments within the specialty of hand and upper extremity disorders. This research is vital to producing substantiated information that will benefit patients and profoundly influence our patient care decisions.

The *Future in Hand* campaign is already making a difference, allowing AFSH to increase our funding in 2008 for continuing research programs. Since its inception AFSH has committed to providing funding for research grants and awards. Each year this funding has increased. In 2007, \$285,000 was available. In 2008, \$308,000 will be available. The projections for 2009 are even more encouraging at \$355,000.

The continued success of the *Future In Hand* campaign will allow the Foundation to provide additional funding in support of our mission of providing grants for compelling and innovative research and education in the field of hand surgery.



The American Foundation for Surgery of the Hand began the *Future in Hand* Capital Campaign in 2007 for the purpose of increasing the corpus of the Foundation by \$5 million. Through this effort, the AFSH Board of Trustees hopes to significantly increase support for research in the field of upper extremity surgery. All those who donate or pledge \$10,000 to the Future in Hand Campaign will automatically become members of the Founders Circle.



The Vision

Recognizing the vital role of clinical and basic research to our practices, to our journal, to our annual meeting, and to the future of hand surgery, AFSH is committed to substantially increase funding for the highest quality hand surgery research. This research effort will produce evidence-based information that will benefit patients, drive innovation in the field, and enhance the leadership role of the American Society for Surgery of the Hand in American medicine.

The Goal

To increase the endowment for the American Foundation for Surgery of the Hand by \$5 million by the year 2010.

We have accomplished in less than one year what was planned in three. Our new goal is to raise \$5 million dollars - \$2 million more within the next two years.

Unrestricted Grant Money Available

2004	\$221,490
2005	\$204,522
2006	\$276,753
2007	\$285,643
2008	\$308,162
*2009	\$355,896
*Estimate	

Research & Awards



"In the current era of evidence-based medicine and quality movement, clinical

research projects to support what we do and to demonstrate the values of hand surgery procedures are fundamental to the successes of our practices. New innovations in hand surgery will rely on clinical research to justify their use in enhancing outcomes for our patients."

Kevin C. Chung, MD, Chair,
Clinical Trials and Outcomes
Committee

AFSH has long played an important role in funding research and education. Through the early success of the *Future in Hand* Capital Campaign and additional unrestricted giving the Foundation has continued its mission to support research and education in the field of upper extremity surgery.

Projects that received funding from AFSH in 2007 include:

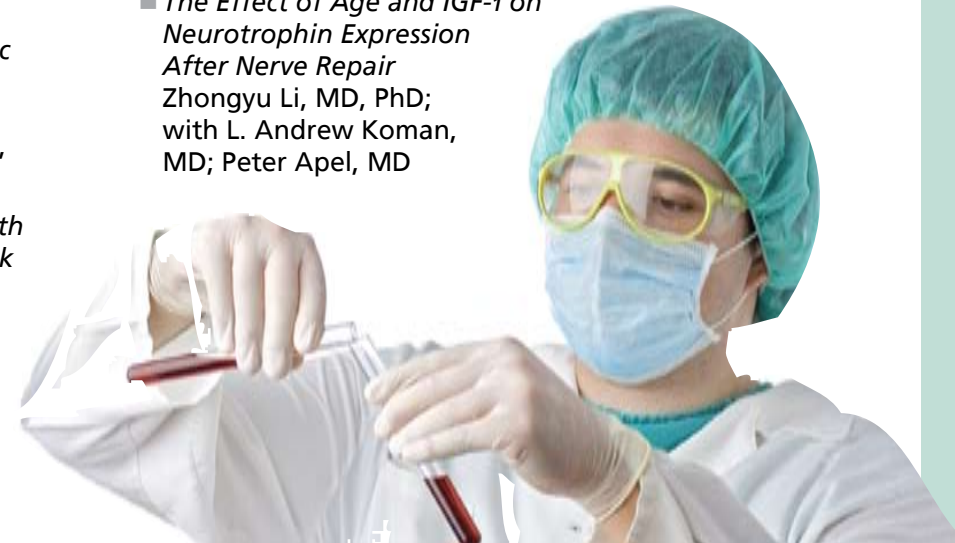
Research

Clinical Research Award Recipients

- *The Epidemiology of Distal Radius Fractures in the US Elderly*
Kevin C. Chung, MD, MS
- *A Cognitive Behavioral Intervention for Idiopathic Hand and Arm Pain Conditions Not Amenable to Surgical Treatments*
David Ring, MD, PhD; with Ana-Maria Vranceanu, PhD
- *Outcomes of Supracondylar Humerus Fracture with Associated Vascular Injury: How to Treat the "Pink Pulseless Hand?"*
Donald S. Bae, MD; with Peter M. Waters, MD

Basic Science Research Grant Award Recipients

- *Enhanced Axonal Elongation in Nerve Gaps by Anisotropic GDNF Delivery*
Kacey G. Marra, PhD; with W.P. Andrew Lee, MD, FACS; Douglas Weber, PhD
- *The impact of Smad3 loss of function on TGF-beta signaling and the resultant scarring and adhesion formation during tendon healing*
Warren C. Hammert, MD; with Regis J. O'Keefe, MD, PhD; Hani Awad, PhD; Evan Katzel
- *Does Duration of Cold Ischaemia Following Tissue Harvest Affect the Cellular Viability of Epiphyseal Plates?*
Martin I. Boyer, MD
- *The Effect of Age and IGF-1 on Neurotrophin Expression After Nerve Repair*
Zhongyu Li, MD, PhD; with L. Andrew Koman, MD; Peter Apel, MD



New Committees

Research Management Committee

One of the early goals of the *Future in Hand* Campaign was to develop a Research Management Committee which will regularly audit the ASSH research grants in order to assess the award process. This committee was put into place in the first quarter of 2008. The following surgeons were invited to participate and have accepted roles on the committee:

Richard A. Berger, MD, PhD
Chair
Rochester, Minnesota

Peter C. Amadio, MD
Rochester, Minnesota

James Chang, MD
Palo Alto, California

Kevin C. Chung, MD
Ann Arbor, Michigan

Robert J. Goitz, MD
Pittsburgh, Pennsylvania

Brent Graham, MD
Toronto, Ontario, CANADA

Ranjan Gupta, MD
Orange, California

Clinical Trials and Outcomes Committee

Another early goal of the *Future in Hand* Campaign was to develop a Clinical Trials and Outcomes Committee (CTOC) based on the MOON group to stimulate and facilitate higher levels of clinically relevant research in hand surgery. This Committee has also taken shape in the early part of 2008. The following members have been invited and have accepted positions on the CTOC:

Kevin C. Chung, MD
Chair
Ann Arbor, Michigan

Michael R. Hausman, MD
New York, New York

Vincent R. Hentz, MD
Palo Alto, California

L. Andrew Koman, MD
Winston-Salem, North Carolina

Alexander Y. Shin, MD
Rochester, Minnesota

Peter M. Waters, MD
Boston, Massachusetts

Scott W. Wolfe, MD
New York, New York

Education

ACS Young Investigators Workshop

It is essential to educate young surgeons in the best practices regarding research. A fundamental need for the *Future in Hand* Campaign's research efforts is to train a cadre of young hand surgeon researchers whose work will have impact for at least a generation.

Members of the **ASSH Research Management Committee**, chaired by Richard A. Berger, MD, PhD, investigated the best options for young investigator/grant writing seminars provided by our parent organizations (comparing AAOS, ACS and Bone and Joint Decade). The **ACS Young Surgical Investigators Conference** was chosen as the best option this year, taking place in Maryland in March 2008.

Members of the Research Management Committee announced this opportunity in October 2007. A total of six applications were received and Scott Hansen, MD (San Francisco, CA) was selected for this competitive funding opportunity based on his potential for future studies in hand surgery and his current status as a practicing hand surgeon.



American Foundation for Surgery of the Hand www.assh.org



"We are excited to report that the ASSH is expanding and diversifying the research portfolio so that there

will be new opportunities for all members interested in cutting-edge hand surgery research. These new programs will include small exploratory grants, substantial multi-year grants of promising basic science and clinical research, career development hand surgeon-scientist awards, and mid-career achievement awards. Our goals are to promote clinically relevant research that will change the practice of hand surgery; and to mentor and develop the next generation of innovators in our specialty."

James Chang, MD, FACS, ASSH Council
Research Division Director

Future Initiatives



"The Hand Society's bold new research initiative will put us in a leadership position among

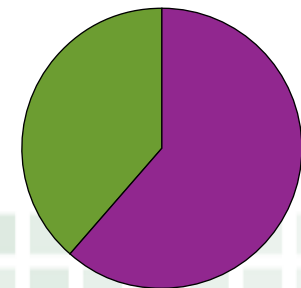
surgical subspecialties. Our goal is to enable our brightest young scientists to perform the most innovative and far-reaching research studies possible. The beneficiaries, our patients and our Society, through presentations at the annual meeting and publications in our journal, will see enormous value. In the end, we will accomplish the most compelling of our missions—the advancement of hand surgery through scientific research and education."

Richard H. Gelberman, MD,
ASSH Council
Immediate Past President

The American Foundation for Surgery of the Hand is making strides in future research opportunities. Thanks to the early success and increased contributions to the *Future in Hand* campaign, AFSH has moved forward with some of our goals earlier than anticipated. The following opportunities will be announced in 2008.

Hand Surgeon-Scientist Award

The Foundation plans to announce the Hand Surgeon-Scientist Award at the 2008 ASSH Annual Meeting. This award is geared toward junior faculty in medical institutions as a career development tool and is intended for a hand surgeon who has already received a Ko8 (basic science) or K23 (clinical) grant. Both of these grants, as well as the award, require a fostering environment in an institution with outstanding NIH-funded mentors.



Research Grants Paid in 2007

- \$80,000 - Basic Science Research Grants
- \$50,000 - Clinical Research Grants

The award involves up to five years where the awardees will be required to devote at least 50% of their time to research. The goal is to continue beyond this initial grant to continuous NIH R01 funding. In this way, we hope to develop the next generation of hand surgery researchers who will lead innovations in clinically relevant research that will benefit all hand surgeons and their patients.

The Hand Society is in negotiations with the Orthopaedic Research and Education Foundation (OREF) and the Plastic Surgery Education Foundation (PSEF) to discuss partnering for this important endeavor.

Mentorship Matching Program

Understanding that the advancement of our specialty and upper extremity research is contingent on encouraging young researchers to maximize their potential, AFSH is developing a mentorship program that will provide mentoring for investigators engaged in clinical studies. The program will match senior mentors with young investigators and will help train young hand surgeon researchers whose work will have an impact on future generations.



The *Future in Hand* initiative to increase the Foundation endowment by \$5 million, has already made it possible to:

- Develop a Clinical Trials and Outcomes Committee (CTOC) based on the MOON group to stimulate and facilitate higher levels of clinically relevant research in hand surgery.
- Develop a Research Management Committee which will regularly audit the ASSH research grants in order to assess the award process.
- Offer training opportunities for young hand surgeons

And will further enable the Foundation to:

- Develop alliances with NIH to fund large clinical trials to improve patient care.
- Develop a career research award to support investigators committed to first-rate hand surgery research.
- Continue training young hand surgeon researchers whose work will have impact for a generation.
- Create seed grants for resident and fellow research projects.
- Provide mentoring for investigators engaged in clinical studies.
- Substantially increase clinical research funding.
- Fund new lectureships and other programs that benefit us all by sharing new knowledge.



Ways to Support AFSH



Donations to the AFSH enable ASSH members to conduct the types of research projects that could have the ability to profoundly influence our patient care decisions.

The work of the American Foundation for Surgery of the Hand depends upon its generous donors. Please consider supporting the Foundation by making a tax deductible contribution. All contributions are allocated to the Annual Campaign, unless specified otherwise. AFSH appreciates your support and provides full donor recognition for all contributions.

Gifts of cash, checks, credit cards, appreciated stock, and life insurance policies can all be used to benefit the Foundation. Pledges are also welcome and are payable over one to four years at the donor's discretion.

Following are various giving opportunities:

Future in Hand Capital Campaign

Your gift to the *Future in Hand* Capital Campaign will support clinical and basic research. A minimum gift of \$10,000 paid over no more than four years will qualify you for the exclusive *Future in Hand* lapel pin and membership in the Founders Circle. To make a pledge, contact Jeanne Bloesch at (847) 384-8300 or jbloesch@assh.org.

Lee Gordon Fund

The Lee Gordon Fund, established in memory of Lee Gordon, MD will help to support and encourage hand surgery and volunteerism in developing countries. The fund will support the Young Surgeon Overseas

program instituted by the AFSH in partnership with Health Volunteers Overseas, an organization with which Dr. Gordon worked during many of his overseas trips.

Those who pledge or donate directly to the *Future in Hand* Campaign may designate that a portion of your donation be assigned to the Lee Gordon Fund, which will help support and encourage hand surgery and volunteerism in developing countries.

J. Leonard Goldner Fund

The J. Leonard Goldner Fund, established in memory of J. Leonard Goldner, MD, Past President of the ASSH, has been developed to support the research mission of the Foundation. Contributions to the Goldner Fund also count toward the *Future in Hand* Campaign.

Annual Campaign

AFSH relies upon the unrestricted annual support of its donors to fund ongoing initiatives. Half of each annual gift, after expenses, is allocated to the next year's grant pool and the other half is added to the AFSH general endowment fund.

AFSH is a 501(c)3 organization.

Restricted Gifts

AFSH invites dialog on the establishment of a restricted gift fund for gifts not less than \$5,000, and endowed gifts of not less than \$25,000. For more information, contact Julie Quinn at (847) 384-8300 or jquinn@assh.org.

OREF Designated Giving

Donors who contribute a minimum of \$1,000 to the OREF annual campaign may request that all of their contribution over the first \$500 be given to the AFSH. Donations and pledges can be sent to OREF at 6300 N River Road, Ste 700, Rosemont, IL 60018 or visit www.oref.org to donate online.

Planned Giving/Endowed Giving

Individuals interested in leaving part of their estate or making a significant contribution can do so through the AFSH Endowment Fund managed by OREF. To explore your options in supporting the AFSH through an endowed fund, contact OREF by calling (847) 698-9980.

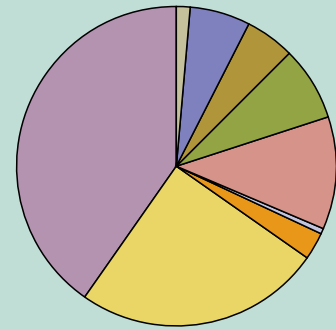
Corporate Donors

Corporations and institutions interested in supporting the work of the AFSH through corporate donations may contact Julie Quinn at (847) 384-8300 or jquinn@assh.org.

Financials

Year Ended December 31, 2007

All Grants Paid in 2007



- Basic Science Research Grants
- Clinical Research Grants
- Annual Meeting Guest Lecture
- Bruner Award for Best Poster
- Adrian E. Flatt Resident and Fellowship Conference
- Bunnell Travelling Fellowship
- International Scholar Program
- HVO Young Surgeon Overseas
- Young Surgeon Investigators Workshop

Income (2007)

Contributions	\$2,615,245
Investments	\$252,606
Other Revenue	\$7,675
Total	\$2,875,526

Grants Awarded

Basic Science Research Grants	\$80,000
Clinical Research Grants	\$50,000
Annual Meeting Guest Lecture	\$5,500
Bruner Award for Best Poster	\$1,000
Adrian E. Flatt Residents and Fellows Conference	\$22,781
Bunnell Travelling Fellowship	\$15,000
International Scholar Program	\$10,000
HVO Young Surgeon Overseas	\$12,000
Young Surgeon Investigators Workshop	\$3,240
Total Grants	\$199,521

Expenditures

Grants	\$199,521
Future in Hand and Annual Campaign Costs	\$150,269
Administrative Costs	\$86,266
Total	\$436,056

Fund Balances

Board Designated Endowment	\$1,909,192
Future in Hand Campaign General Fund	\$2,160,555
Goldner Fund	\$62,600
Gordon Fund	\$5,250
Arthritis Research Fund	\$250,000
Soft Tissue/Nerve Research Fund	\$150,000
Surgeon Scientist Award Fund	\$150,000
Total Future in Hand Campaign	\$2,628,405
Adrian Flatt Fund	\$659,178
Bruner Fund	\$32,201
Bunnell Fund	\$316,631
Temporarily Restricted Fund	\$30,000
Unrestricted Fund	\$521,667
Total Net Assets	\$6,097,274

Board of Trustees 2007-2008



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Together we have advanced education and have demonstrated the importance of high quality research.

Your commitment and generosity allow us to continue important work benefiting patients worldwide.

You make our work in research and education possible. We thank you.



For more information, please contact us at:

847.384.8300

info@assh.org

www.assh.org

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