

MSTS Newsletter

Volume 16, Summer 2015

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President's Report - Richard M. Terek, MD, FACS

New Partnerships Advance MSTS Research Mission

MSTS and the Musculoskeletal Transplant Foundation Announce New Grant

MSTS and MTF have partnered to promote musculoskeletal oncology research (basic or clinical) related to transplantation of allografts, bone regeneration, and biologic reconstruction. This new grant mechanism is currently accepting applications. Funding of up to \$100,000 per year is provided by MTF. MSTS will peer review and select

the grant(s) to be funded. This collaboration supports our mission of fostering research in our field and is the culmination of a dialogue that was initiated by Ed Cheng when he was president several years ago. In contrast to the MSTS Clinical Research Grant, the MSTS-MTF grant is open to both MSTS members and nonmembers.

Team Sarcoma 5K Partners with MSTSMSTS member Matt DiCaprio from *Continued on page 2*



Join us in sunny

Orlando, Florida
OCTOBER 6 - 10, 2015

for the

ISOLS & MSTS

Combined Meeting at the beautiful

IW Marriott Orlando Grand Lakes

Program features include:

- » New options for limb salvage surgery with malignant bone and soft tissue tumors
- » Managing complications that occur after limb salvage surgery
- » Recent progress in basic & translational research
- » Identifing new approaches for targeted therapy
- » Discussing new surgical and adjuvant treatments for benign bone and soft tissue tumors
- » Formutating a differential diagnosis for benign bone and soft tissue tumors

For more information, visit. www.msts.org

MSTS Executive Committee

President:

Richard M. Terek, MD, FACS richard terek@brown.edu

President-Elect

Theodore W. Parsons III, MD, FACS tparson3@hfhs.org

Secretary

Robert H. Quinn, MD quinnr@uthscsa.edu

Treasurer

Joseph Benevenia, MD benevejo@rutgers.edu

Membership Committee

Douglas J. McDonald, MD mcdonaldd@wustl.edu

Research Committee

Michelle Ghert, MD ghert@hhsc.ca

Education Committee

Carol D.Morris, MD cmorri61@jhmi.edu

Members-at-Large

Joel Mayerson, MD joel.mayerson@osumc.edu

Benjamin J. Miller, MD benjamin-j-miller@uiowa.edu

Immediate Past President

Kristy L. Weber, MD kristy.weber@uphs.upenn.edu

Past President

John H. Healey, MD, FACS healeyj@mskcc.org

Secretary's Report - Robert H. Quinn, MD

After a successful specialty day meeting in Las Vegas (congratulations to Michelle Ghert and Patrick Lin on a fine program), the MSTS is enthusiastically moving toward the 2015 annual meeting which will prove to be a very successful venue as a combined meeting with ISOLS in Orlando. In this issue, Dr. Terek provides an update on what your society is up to and the expanded opportunities available to get you, the membership, more involved. As noted in Dr. Benevenia's Treasurer's report, the Society's assets continue to grow and we expect to see even greater stewardship with the addition of the new Finance Committee. This, along with our recent strategic planning, should lay the foundation for a very solid organization going forward. This edition of the newsletter contains expansive updates on research and education. See the new tumor unknown along with the answer to the case from the winter newsletter.

We thank the membership for your contributions to this newsletter. Please contact us with any suggestions for improvement including: additions for the next newsletter, unknowns, and any constructive criticism. Your MSTS leadership is working hard to increase the value of your membership and we welcome your feedback.

Treasurer's Report - Joseph Benevenia, MD

MSTS has had a productive start to the year and the finances remain strong. Current assets have increased and exceed \$1.2M. Thank you to our membership for a successful Specialty Day. The Finance Committee has made a substantial effort to reinforce fiscal responsibility, monitor MSTS investments, and develop long-term funding plans. Thanks to the dedication of the members of the MSTS Finance Committee, Drs. George Calvert, Howard Rosenthal, and Ross Wilkins and the MSTS management team and leadership, we are ahead of budget. We look forward to a fruitful Annual Meeting this fall.

The Finance Committee is reviewing a long-term funding mechanism for research and is considering options at this time.

President's Report, cont'd from pg. 1

Albany Medical Center organized the second annual Team Sarcoma 5K walk, which raised over \$40,000 to support basic research in sarcoma. Over 400 walkers and runners participated in the event at Saratoga Spa State Park on July 11 to honor former patient Parker Hayes. Matt has partnered with MSTS to coordinate another new grant to support sarcoma research. Tax deductible contributions to the event are still being accepted and checks can be made out to MSTS. More to come on this new grant later this year. In the meantime, congratulations to Matt for raising sarcoma awareness and organizing a successful event. Perhaps this is a model that could be reproduced around the country to support the MSTS research mission!

Coding and Evidence Based Medicine Committees Revamped

Our committees are the backbone of the MSTS. My gratitude goes out to those who volunteer to serve on and chair our committees, which bring our programming to fruition. As part of our strategic plan, many of the committees have been expanded to increase opportunities for participation and increase our effectiveness. In order to help out our younger members and help all of us deal with the changing practice environment, Coding Committee Chair John Heiner has led an expansion of his committee into the Practice Management Committee, which will continue to work on coding issues, but will also be a resource regarding employment options and negotiations, contracting and insurance interfaces, compliance, and practice models. There will be a session on some of these topics at Specialty Day.

Quality and patient safety initiatives factor into the value equation, bundled payments, and pay for performance. Clinical practice guidelines (CPGs), Appropriate Use Criteria (AUCs), and systematic reviews provide the rationale for these programs. The Evidence Based Medicine Committee has been expanded and formalized with three year terms, a chair, and will be involved with CPGs and AUCs relating to our field. The MSTS recently applied to the AAOS for grants to develop Imaging Guidelines and improve access to Custom Devices, both quality improvement initiatives that would come under the EBM committee.

There are many opportunities for involvement with the MSTS. The Call for Volunteers has been announced. Apply for a committee or officer position. It is through the organized, systematic, and regular meetings of a committee with staff support that we can advance our programs.

2015 Annual Meeting

The program committees under the direction of Parker Gibbs and Mark Scarborough are busy with final preparations for the combined meeting with ISOLS in Orlando, October 6-10. The scientific, educational, and social programming are outstanding. This is one meeting (actually two) not to miss. Don't forget the early registration deadline (August 17) and discounted fee. If you have submitted an abstract, take advantage of the opportunity to submit your paper now to *CORR* for consideration to be included in the meeting proceedings. There are many advantages to publishing in our official journal.

It has been a great year for the MSTS. I have enjoyed working with all of you, and especially my colleagues on the executive committee and our AAOS support staff. I am looking forward to seeing you in Orlando.

Richard M. Terek, MD, FACS President, MSTS

2015 Dues Renewal

Friendly Reminder –
Please submit payment for your 2015
membership dues. Pay your 2015
Membership Dues online.

Forgot your login information? Contact MSTS for assistance at 847/698-1625 or info@msts.org.

Education Committee - Carol D. Morris, MD. Chair

Thank you to all who submitted Instructional Course Lecture and Symposium applications for the 2016 AAOS meeting. Three new courses were added for a total of 5 ICL's and 1 Symposium.

The AAOS and MSTS are in the preliminary stages of planning a virtual pathology course. This will be an online independent learning platform consisting of a variety of activities including lectures, case presentations, videos, etc. open to residents, medical students, and practicing surgeons. The goal is to develop the "go to" resource for tumor education from our society. This is a large undertaking and will rely on the participation of our membership to be successful. Please contact the MSTS is you are interested in being part of the faculty or have ideas as to how to enhance this effort.

The education committee will be seeking 2 new members in the fall. Please consider joining and help shape our educational program.

Research Opportunities for Candidate Members

The Musculoskeletal Oncology Research Initiative (MORI) is a consortium of orthopaedic oncologists with the common goal of improving patient care through collaborative research. Although participation is inclusive, MORI focuses on engaging those who have recently completed fellowship training, as this is a career point with maximal enthusiasm and minimal resources. If you have an idea for a multi-institutional clinical research project, would like to participate in an existing or future project, or would like to learn more about the organization, email Ben Miller at benjamin-j-miller@uiowa.edu.



Plan to attend the Combined Meeting of the ISOLS and MSTS in Orlando, Florida.

The Annual Program Committee is reviewing the abstracts received and assembling a program that will be informative and engaging. In addition to our podium and poster presentations, a concurrent Allied Health Program for Registered Nurses, Nurse Practitioners, Physicians' Assistants, and Staff is offered. Visit the Nurse and Allied Health Symposium Registration Page.

<u>View</u> the Preliminary Program

<u>Register Now</u> for discounted pricing!

Secure your Hotel Reservation



Are you interested

- in pitching an idea for an MSTS collaborative prospective study?
- Do you have any updates you would like to provide on similar studies that you are conducting?

If so, we would like you to present your study at the MSTS Business Meeting in Orlando in October. Please email Michelle Ghert at shert@nhsc.ca with the title of your 5-minute presentation/update.

Hello, my name is Brandi and I am the Orthopaedic Oncology Nurse Coordinator at the University of Florida Dr. Scarborough, Dr. Gibbs, Dr. Spiguel, along with me and the whole UF team cordially invite you and your support staff to the combined MSTS/ISOLS meeting **October 6**th through **October 10**th, **2015** at the Ritz Carlton and JW Marriott Conference Center in Orlando Florida. In conjunction with the physician meeting I will be hosting the Nursing and Allied Professionals Symposium on Friday October 9th. We are offering a wide variety of speakers discussing topics such as Fertility Preservation, Sarcoma Advocacy and Limb Salvage options for the skeletally immature. We hope this program will provide not only a great educational experience but promote more camaraderie and networking opportunities for your staff. For more information please contact me directly. Thank you for your time.

Sincerely,
Brandi Nunn, RN, BSN
Orthopaedic Oncology Coordinator
Dr. Parker Gibbs
Dr. Mark Scarborough
Dr. Andre Spiguel
352-273-7366 phone
352-273-7388 fax

http://www.msts.org/

http://isols-msts.org/news/2015/full-day-session-for-nurses-and-allied-health

Research Committee - Michelle Ghert, MD, FRCSC, Chair

The MSTS Research Committee has been working towards the goal of advancing collaborative research in our Society, as well as basic research and mentoring opportunities. Please see below for a summary of the opportunities available to MSTS members.

FUNDING OPPORTUNITY ANNOUNCEMENTS

We are pleased to announce three new funding opportunities for MSTS Members! Specific Requests for Proposals will be distributed according to the grant timelines outlined below.

MSTS/MTF RESEARCH GRANT

Funding

\$100,000 grant over 1-2 years

Grant Description

MSTS in partnership with the Musculoskeletal Transplant Foundation (MTF) offers seed money for new investigators conducting research in musculoskeletal oncology research related to transplantation of allografts, bone regeneration, and biologic reconstruction.

Criteria

- 1. Research may be basic or clinical.
- Clinical relevance must be clearly noted in the abstract and specific aims and be obvious from the title and study design.

Who Applies?

- Principal Investigator (PI) or Co-Principal Investigator (Co-PI) must be an orthopaedic surgeon
- PhDs and DVMs are eligible to serve as PI but must have a primary academic appointment in an orthopaedic department and the Co-PI must be an orthopaedic surgeon.

Applications and more information are available on the MSTS website.

Grant Deadline: October 1, 2015

OREF/MSTS CLINICAL RESEARCH GRANT IN ORTHOPAEDIC ONCOLOGY

Funding

\$100,000 grant over one 1-2 years

Grant Description

Musculoskeletal Tumor Society (MSTS) in collaboration with the Orthopaedic Re-

search and Education Foundation (OREF) is offering grants to clinician researchers focused on clinical topics in orthopaedic oncology

Criteria

- 1. Prospective clinical study involving multi-center collaboration.
- 2. Established infrastructure in place.
- 3. MSTS clinical research priorities focus on randomized trials.

Who Applies?

- PI or Co-PI must be an orthopaedic surgeon.
- PhDs and DVMs are eligible if affiliated with an orthopaedic department and working with an orthopaedic surgeon.
- PI or Co-PI must be an MSTS member in good standing.

Applications and more information are available on the MSTS website.

Grant Deadline: January 15, 2016

SARCOMA RESEARCH SCIENCE GRANT

This new funding opportunity is directed at basic science research in the study of sarcoma. Dr. Matt DiCaprio has raised funds through a running event in Albany, NY with the goal of supporting scientific research in the field of sarcoma biology and treatment. (See full story on page 5).

Introducing the new MSTS Research Mentorship Program!

The goal of the Mentoring Program is to align with the MSTS strategic plan to 'encourage and support meaningful, relevant, and timely research for the advancement of knowledge in musculoskeletal oncology', and to 'provide mentoring [and].... participate in the development of the unified AAOS research agenda'.

Specially, the objectives of the Mentoring Program are

- To provide access to research mentorship within the MSTS
- 2. To provide MSTS membership with a research mentorship service
- To provide a liaison between the Research Committee and MSTS Membership

The MSTS Research Mentoring Subcommittee is spearheaded by Dr. Michelle

Ghert, Dr. Bang Hoang, Dr. Wakenda Tyler, and Dr. Lor Randall. These individuals will assist you in obtaining access to mentorship within the MSTS specific to your interests and goals. The terms of reference will be posted on the MSTS website soon!

Please contact Research Committee Chair Dr. Michelle Ghert at ghert@hhsc.ca with inquires.

MSTS SPONSORING MEMBER TO ATTEND PPCR COURSE

To all MSTS members interested in learning the methodological concepts of clinical research:

The MSTS is pleased to announce the sponsorship of one member to attend the 9th annual Principles and Practice of Clinical Research (PPCR) course. This course will be held on October 1-2, 2015 at the Ron Joyce Business Centre in Burlington, Ontario, Canada. This course will provide participants with practical knowledge in current research principles that are fundamental, if not necessary in today's world of clinical research. The interactive learning environment will allow participants to interact with renowned clinical researchers and gain invaluable insight into what makes a successful research study.

The **PPCR** course will provide participants with a comprehensive foundation in the present state of health research methodology by covering evidence based-medicine principles, levels of evidence, research ethics, funding opportunities, as well as data management and budgeting.

Further details of the course are available in the following link:

http://www.cmecourses.ca/courses/id/5#coursehome

All interested members are requested to submit a cover letter stating the reasons for interest in the course and the type of research study to be developed, as well as a current CV to info@msts.org by August 31, 2015. The course attendee will be expected to submit an MSTS/OREF clinical research proposal in early 2016.

Continued on page 5

Current AAOS Committee Openings

There is one vacancy on the AAOS Musculoskeletal Tumor & Metabolic Disease Program Committee. MSTS members are encouraged to apply for the vacancy by going to the AAOS website. The deadline to apply is September 1st, 2015. If you have any questions regarding the committee or the available position, please contact Domenic Picardo at the Academy office, picardo@aaos.org.

The Alliance for Clinical Trials in Oncology (Alliance) is one of the five National Cancer Institute sponsored cooperative research groups in the United States conducting large multicenter trials in oncology. The Alliance's Experimental Therapeutics Committee focuses on rare cancers. Relevant to sarcoma, they have recently launched a trial for patients with desmoid tumors or aggressive fibromatosis – Alliance A091105: A Phase III, Double Blind, Randomized, Placebo-Controlled Trial of Sorafenib in **Desmoid Tumors or Aggressive Fibroma**tosis (DT/DF). For more information about the trial, please visit the MSTS website or contact Mrinal Gounder, MD, Study Chair: gounderm@mskcc.org

IlluminOss Clinical Trial

All MSTS members are invited to participate in a FDA approved trial sponsored by IlluminOss Medical as part of its FDA approval process. The trial is an 80-patient, 15-site prospective single arm study of patients with metastatic lesions of the humerus (fractures and impending fractures) that will undergo stabilization with the IlluminOss stabilization system. This system involves minimally invasive insertion of a balloon catheter which is then filled with a liquid polymer that will harden into an intramedullary nail in situ via UV light polymerization. Further internal stabilization will be based on surgeon preference for each case. The primary outcome will be change in VAS pain scores and safety data will be examined. Specific benefits for MSTS members involve handson education in the process of clinical trial participation. Please contact Gregory French (GFrench@illuminoss.com) if you are interested in participating or for more information.

Research Committee, cont'd from pg. 4

AAOS/ORS Clinician Scholar Career Development Program

The MSTS is pleased to sponsor MSTS member Dr. Lukas Nystrom to attend the AAOS/ORS Clinician Scholar Career Development Program. In addition, candidate member Dr. Theresa Pazionis was chosen by the AAOS/ORS CSCDP Committee to be a CSCDP scholar. The Program will be held September 17-19, 2015, in Rosemont, IL. Congratulations Luke and Theresa!

News for MSTS Funded Studies

The Prophylactic Antibiotic Regimens in Tumor Surgery (PARITY) trial completed the trial pilot phase in October 2014 and has received funding for the definitive trial. The number of enrolling sites is now at **30** with 20 more sites internationally in the start-up phase and expansion into Europe is underway.

On July 17, the 100th and 101st patients were enrolled into PARITY! Congratulations MSTS!

MSTS members interested in joining the trial are invited to register on the PARITY trial website (www.PARITYtrial.com) or contact Michelle Ghert at ghert@hhsc.ca.

2015 SPECIALTY DAY

Thank-you to all speakers, moderators and attendees! The 2015 MSTS Specialty Day Meeting in Las Vegas was a resounding success. Attendance reached a record high and the room was packed until the end of the last afternoon session. Attendees learned about important clinical and basic science findings with Denosumab in the setting of GCT, key aspects of clinical trials within MSTS, recent MSTS/ORS/ AAOS award winners and of course, the latest opinions in pelvic reconstruction/ no reconstruction. The 2015 Specialty Day Committee would also like to thank those attendees who provided feedback. The vast majority of ratings for the sessions were 'excellent' and 100% reported that based on this year's Program, they would attend Specialty Day next year. See you in Orlando!

UPSTATE NEW YORK EVENT HAVING NATIONAL IMPACT



In a collaborative effort between the Musculoskeletal Tumor Society and Matthew R. DiCaprio, MD (MSTS Member, Albany Medical Center) funds were raised at a recent Team Sarcoma 5k Run/Walk to sponsor a national sarcoma research grant. In an effort to increase awareness of sarcoma in Upstate New York, Dr. DiCaprio organized a 5k run/walk event with a secondary mission of funding sarcoma research through both corporate and individual donations.

The event took place at Saratoga Spa State Park on July 11th, and had over 400 participants to celebrate the life of a local teenager, Parker Hayes, who lost his battle to Ewing's sarcoma this past February. All regional news channels aired coverage of the event accomplishing our goal of increasing community awareness of sarcoma. More than \$40,000 was raised to sponsor a MSTS grant for sarcoma research. The MSTS research committee will be stewards of the funds and review applications and distribute funds to the researcher/s that will have the greatest impact for the sarcoma community. We hope that the event's success will prompt others to organize similar sarcoma awareness activities in their local communities to help increase sarcoma awareness and fund ongoing research.

For more information about organizing an event please contact Dr. DiCaprio at mdicaprio15@gmail.com.

Important Fellowship Match Dates!

Applicant registration August 3, 2015 Rank List Submission April 8, 2016 Results released April 21, 2016

Movement is OUR Mission

Dear Specialty Society Colleagues:

For 16 years, the American Academy of Orthopaedic Surgeons has made movement our mission by building Safe and Accessible Playgrounds in the host cities of its Annual Meeting. These playgrounds allow for children with and without disabilities to safely play together, build strong bones for life and reduce childhood obesity.

In the spirit of play, and unity among specialties helping communities in need, I encourage you to accept this challenge:

Movement is our mission

Your mission—should you choose to accept it— is to reach out to your members and challenge them to donate \$100 or more towards the 2016 Safe and Accessible Playground in honor of your specialty society.

The specialty society securing the most donations will be recognized on playground build promotional materials, and on Build Day. A weekly update on the progress of this challenge would be made publicly available on www.aaos.org/playground.

Individual donors who contribute \$1,000 or more will be recognized on the playground build video, on the playground build website, Build Day t-shirts and signage, etc.

My wife, Katie, and I have accepted the mission. We are donating \$1,000 towards the playground build in honor of the American Association of Hip and Knee Surgeons, and hope you will join us in this effort.

If you choose to accept this challenge on behalf of your specialty society, please contact Melissa Leeb, AAOS, Director, Public Relations—by phone at (847) 384-4030 or email at leeb@aaos.org—by July 1 for challenge details.

Sincerely,
David A. Halsey, MD
Chair, Board of Specialty Societies

Tumor Unknown Quiz

29 year-old male presents with 2 month history of a left hand mass which developed spontaneously and has not changed since first noted. He has a history of hydrocephalus and seizures. Images and pathology are shown. Remaining work-up including routine laboratory studies is negative.

Answer in the next newsletter!

Thanks to Ted Parsons, MD, Michael Mott, MD, and Omar Kadri MD for the case.



Answer to Tumor Unknown from Winter 2015 newsletter: oncogenic osteomalacia from a primary phosphaturic mesenchymal tumor of the toe.



The MSTS is soliciting volunteers to serve on its committees. Pick something you are interested in. We have great support staff, but need your expertise to guide the process. As part of the strategic plan (based on your input), our committee structure has been expanded and revamped to allow for greater participation and further development of MSTS programming. I will personally vouch for your status as a national expert for those who participate. Click this link and apply now! Your help is appreciated.

- Rick Terek, MD

Treasurer

Eligible applicants must be a current committee chair or former committee chair who has served in the last three years. This is a six (6) year leadership commitment that leads through the Presidential Line. Please read the attached job duties for a full description of this role, and the other MSTS Officer positions.

To apply for Treasurer, please using the following link.

Executive Committee – Member-at-Large

Eligible applicants must be an Active or Associate member in good standing at the time of application. Applicants also must be under the age of 40 at the time of application. *This is a two (2) year term*. Please read the attached position description for additional information about this role.

To apply for the Executive Committee Member at Large, please use the following Inline.

The Treasurer and Member at Large submit applications that are reviewed by the Nominating Committee and require a full election by the membership at the Fall meeting.

Other Open Committee Positions

- Education Committee Member at Large (2 positions)
- Membership Committee Chair
- Research Committee Member at Large (3 positions)
- Fellowship Committee Member at Large (2 positions)
- Annual Meeting Program Committee Member at Large (4 positions)
- Specialty Day Program Committee Vice Chair
- Specialty Day Program Committee Member at Large
- Practice Management Committee Chair
- Practice Management Committee Member at Large (4 positions)
- Evidence Based Medicine Committee Chair
- Evidence Based Medicine Committee Member at Large (4 positions)

The applications for all positions will remain open until August 7, 2015.

Visit the <u>MSTS Volunteer page</u> on the website for additional information about all open positions.

If you have any questions regarding the open positions, please feel free to contact me directly. Thank you!

Rachel Rusch

Account Manager

Department of Society Relations, American Academy of Orthopaedic Surgeons 9400 West Higgins Road • Rosemont, IL 60018

Telephone: 847.384.4330 • Fax: 847.268.9460 • Email: <u>rusch@aaos.org</u>



Musculoskeletal Tumor Society

9400 W. Higgins Road, Suite 500 • Rosemont, IL 60018 web site: www.MSTS.org

phone: 847/698-1625 fax: 847/268-9574 e-mail: info@msts.org