American Association for Hand Surgery

I look forward to welcoming you to the 2013 AAHS Annual Meeting in Naples, Florida. The plan for this year’s scientific program is to build on the relaxed, open character of our Association’s meeting by combining expert review and commentary with thought provoking presentations of scientific abstracts and interactive discussion among the members. The hope is that each lecture and paper will be a point for collegial and constructive interchange. We will continue to be very inclusive by building on Dr. Randip Bindra’s 2-minute papers session from last year providing more members a chance to present and by including even nascent ideas as posters.

We are pleased to welcome our guest nation Argentina, home to several hand surgeons that are already household names and lots of enthusiastic younger surgeons ready to make a name for themselves. In collaboration with the Argentine Association of Hand Surgery, Dr. Eduardo R. Zancollí will give an invited guest lecture late Wednesday morning on his popular book, “The Mystery of Coincidences”.

Each morning will begin with a choice of 6 instructional courses, including 2 Maintenance of Certification courses for plastic surgeons in the process of recertifying: Metacarpal Fractures on Thursday and Basal Joint Arthroplasty on Friday. The symposia and 2-minute papers will be mixed in with panel discussions throughout the morning. In addition to Dr. Zancollí’s address on Wednesday, we have Dr. Diego Fernandez speaking on Thursday following Dr. Jesse Jupiter’s Presidential Address, and Dr. James W. May as the Danyo lecturer on Friday.

Wednesday will feature a full day hand therapy course organized by Sharon Andruskiwe, PT, CHT. Wednesday will also feature a hands-on surgical skills workshop on the topic Principles of Internal Fixation in the Wrist and Hand. A highlight of Friday afternoon will be the Comprehensive Hand Review Course chaired by Dr. Warren C. Hammert. On Friday we combine with the American Society for Peripheral Nerve (ASPN) and on Saturday with both ASPN and the American Society for Reconstructive Microsurgery (ASRM) with the Joint Presbyterian Keynote Lecture given by Carl Haasen, noted novelist with a talk entitled “Stranger than Fiction” featuring incredible Florida lore.

On behalf of our President Jesse Jupiter and myself, we hope you’ll join us for a stimulating and engaging gathering in beautiful Naples.

David C. Ring, MD, 2012 AAHS Program Chair

American Society for Peripheral Nerve

Join us at Florida’s paradise coast for 3 days of collegiality, scientific aspiration and fun! We will have a highly integrated scientific program including a joint AAHS-ASPN panel on Friday; a combined ASPN-AAHS-ASRM program on Saturday morning, and a new joint ASPN-ASRT panel that afternoon; and a joint ASPN-ASRM panel on Sunday. The program will provide the classic scientific paper sessions, instructional courses, panels, as well as the newer hit: the interactive poster session with cocktails.

The 2013 ASPN Annual Meeting theme is “Bridging the Gap”. Participants can choose from 10 complementary instructional courses with faculty comprised of internationally renowned peripheral nerve surgeons and researchers focusing on topics ranging from tissue engineering strategies to repair a physical gap—a nerve defect, to closing the “gap” in assessing clinical results by calling for consensus of outcomes measurement.

The gap theme will also be woven into our Presidential Addresses — related to our knowledge of the brain: Every nerve injury creates a gap in the brain which has to be handled by cortical reorganization. We are in a treat to have Dr. Goran Lundborg give the Presidential Address on an evolutionary perspective of brain plasticity; Dr. Thomas Brushart on the sine qua non of peripheral nerve regeneration and Dr. Rolfe Birch on power and pain.

This year the AAHS-ASPN-ASRM keynote speaker is Carl Haasen, a Florida native, journalist and novelist. “Stranger than Fiction”— just the title is intriguing enough to raise much suspension and anticipation. I’m sure you won’t want to miss this.

I would like to thank ASPN President, Robert Spinner, for his leadership, AAHS and ASRM for their fellowship, and all the participants, panelists and faculties who make this an outstanding meeting!

Don’t miss what Florida has to offer!

Huan Wang, MD, PhD, 2013 ASPN Program Chair

American Society for Reconstructive Microsurgery

New Ideas, New Faces and Novel Formats!

Welcome to the ASRM 2013 Annual Meeting in Naples Florida. We have several exciting programs filled with new ideas, new faces, and novel formats. Our program will have a focus on innovation with many young panelists and speakers from around the world. The program includes a wide variety of topics including head and neck reconstruction, breast reconstruction, lower extremity trauma management, complex nerve reconstruction, and upper extremity surgery. Innovative panels on topics such as tissue engineering, lymphedema reconstruction, and computer aided design/modeling, composite tissue allotransplantation, robotic and endoscopic assisted microsurgery and flap perfusion technology. We have expanded our Young Microsurgeons Group programming to both a panel session (featuring YMG surgeons) and an YMG Forum featuring Dr. Bob Murphy as an invited lecturer.

We hope you take advantage of the exciting social events and a beautiful setting that Naples has to offer. The education is planned to be interesting and thought provoking and will make this a meeting to remember.

James Higgins, MD Program Co-Chair
Michael Sauerbier, MD Program Co-Chair

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American Association for Hand Surgery

Educational Overview
The American Association for Hand Surgery Annual Meeting brings together health care professionals from North America and abroad for a three-day continuing education program, providing the best evidence of the practice of hand and upper extremity health care. The program is multifaceted and includes 20 instructional courses, numerous panel discussions and case-based programs, and free papers selected by a panel of experts. The learner will gain insight into both common and complex problems of the upper extremity, understand indications for surgery, therapy, outcomes of each, and potential complications of intervention.

Intended Audience
The program is intended for health care professionals involved in the assessment and management of a wide variety of common and complex conditions of the hand and upper limb.

Learning Objectives
Following completion of this activity, participants will be able to:
- Discuss clinical and basic scientific research on hand and upper extremity problems.
- Integrate principles of hand therapy with surgical management of hand and upper extremity problems.
- Evaluate surgical and nonsurgical principles of managing common hand and upper extremity problems.
- Compare the intellectual discourses through an integrated program with the related surgical societies (ASRA and ASPN) and resolve conflicts.
- Implement enhanced management of fractures, arthritis, and congenital problems.
- Compare clinical and nonclinical hand therapy issues for a variety of hand problems and fractures.

ABMS Core Competencies
This program will address the following ABMS/ABMS Competencies:
- Patient Care and Procedural Skills
- Medical Knowledge
- Systems-Based Practice

Accreditation Statement
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS) and the American Association for Hand Surgery (AAHS). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement
The ASPS designates this live activity for a maximum of 27.5 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Policy
The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.

American Society for Reconstructive Microsurgery

Educational Overview
This educational activity is intended for healthcare professionals and researchers working in the fields of hand surgery, peripheral nerve and/or neural regeneration, and microvascular surgery and other complex reconstructions.

Learning Objectives
Following completion of this activity, participants will be able to:
- Discuss state-of-the-art techniques in microsurgery and complex reconstruction.
- Effectively implement interdisciplinary interaction and cooperative learning among colleagues in professional practice.
- Interact professionally with microsurgeons from various countries worldwide for the beneficial exchange of medical knowledge and surgical techniques.
- Analyze current reconstructive practices and evaluate professional effectiveness with respect to best practices and patient safety.
- Implement new methods of reconstruction and reinnervation in their practices.

ABMS Core Competencies
This program will address the following ABMS/ABMS Competencies:
- Patient Care and Procedural Skills
- Medical Knowledge
- Systems-Based Practice

Accreditation Statement
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS), the American Association for Hand Surgery (AAHS), the American Society for Peripheral Nerve (ASPN), and the American Society for Reconstructive Microsurgery (ASRM). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

Designation Statement
The ASPS designates this live activity for a maximum of 1.25 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Policy
The ASPS requires all faculty, authors, planners, reviewers, managers, and other individuals in a position to control or influence the content of an activity to disclose all relevant financial relationships or affiliations. All identified conflicts of interest must be resolved and the educational content thoroughly vetted by ASPS for fair balance, scientific objectivity, and appropriateness of patient care recommendations. The ASPS also requires faculty/authors to disclose when off-label/unapproved uses of a product are discussed in a CME activity or included in related materials.

Joint Meeting

Educational Overview
This program provides an opportunity for surgeons, therapists, researchers, faculty and other healthcare professionals working in these complementary fields to share new discoveries and techniques. By learning from colleagues about cutting-edge technologies and patient-care options, participants will have a broader view of patient treatment and recovery.

Intended Audience
This educational activity is intended for healthcare professionals and researchers working in the fields of hand surgery, peripheral nerve and/or neural regeneration, and microvascular surgery and other complex reconstructions.

Learning Objectives
Following completion of this activity, participants will be able to:
- Discuss clinical and basic science research.
- Apply the high resolution MRI in imaging traumatic lesions, nerve tumors or with other pathological conditions.
- Discuss nerve transfers as a potential option for treating spinal cord injuries.

ABMS Core Competencies
This program will address the following ABMS/ABMS Competencies:
- Patient Care and Procedural Skills
- Medical Knowledge
- Systems-Based Practice

Accreditation Statement
This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint sponsorship of the American Society of Plastic Surgeons (ASPS), the American Association for Hand Surgery (AAHS), the American Society for Peripheral Nerve (ASPN), and the American Society for Reconstructive Microsurgery (ASRM). The ASPS is accredited by the ACCME to provide continuing medical education for physicians.

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Wednesday January 9, 2013

6:30 am – 8:00 am Continental Breakfast with Exhibitors

7:00 am – 8:00 am Instructional Courses

101 Current Concepts on the Treatment of Distal Radius Fractures
Chair: Jorge L. Orbay, MD
Instructors: David Nelson, MD; Paulo H. Ruschel, MD
From the complex anatomy to the most common complications, this course will convey the different techniques and materials used to resolve distal radius fractures. The course will also examine the patient and what they can expect for the future.

102 Rehabilitation after Nerve Transfer
Chair: Lorna Kahn, PT, CHT
The purpose of this talk is to share a structured approach to the rehabilitation and motor re-education of the nerve transfer point. The course will include an outline of therapist goals for the pre and post-op patient, patient education guidelines and specific exercises for a variety of nerve transfers including DFT, Radial to Auxiliary, Accessory to Suprascapular and AIN to deep motor Ulnar. Nerve. Video clips of specific exercise and progression of patients to be included.

103 The Weird The Wacky and The Ugly; Skin Lesions That Frequent The Hand Surgeon
Chair: Joshua M. Abzug, MD
Instructors: A. Lee Osterman, MD; Mark Rekant, MD; Mark Cappel, MD; Alex Spiess, MD
Diagnosis and management of common benign and malignant skin lesions encountered on the upper extremities will be presented. Detailed discussion regarding pearls and pitfalls to avoid missing malignant lesions as well as management of all lesions will aid the hand surgeon in their practice.

104 Basal Joint OA Conservative Management
Chair: Kristin Valdes, OTR/L, CHT
Instructors: Alejandro Badia, MD; Lisa M. Yr, OTR/L, CHT
This session will provide information for the development of an evidence based conservative management program for the thumb CMC joint based upon biomechanical studies and thumb anatomy. Joint protection education, orthotic intervention, and a specific exercise program to target the stabilizing muscles of the thumb will be discussed. Specific case studies and patient examples will also be included.

105 MSK Ultrasound
Chair: George W. Balfour, MD
Instructors: Brian Jurbala, MD
This is an introduction to MSK ultrasound for the Hand and Upper Extremity Surgeon. We will touch on the basic principals of ultrasound, and of the medical economics of the modality. We will, by the use of example cases, show the place for ultrasound in our practices, and of diagnoses for which ultrasound is the diagnostic modality of choice. We believe you will leave this course determined to bring ultrasound into your practice if you have not already done so. If you already have ultrasound in your practice our cases should help you improve and expand the use of your machine.

106 Dupuytren’s; NA, Enzymes, Splinting, or Surgery (Asleep and Awake)?
Chair: Donald H. Lalonde, MD
Instructors: Charles J. Eaton, MD; Keith Denkler, MD; Juliana Larcoerie-Salgado, CHT
Each of the faculty will speak for 12 minutes and allow 3 minutes for question and answers. Dr Eaton is a world recognized expert in NA and in Dupuytren’s in general. Dr Denkler has a very large experience with all modalities of treatment and will share where and when to use the different options. Dr Lalonde will talk about NA Vs. wide awake or asleep surgery. Ms. Larocerie Salgado has published on therapeutic orthotics for Dupuytren’s contracture.

8:00 am – 8:10 am President and Program Chair Welcome (Not for credit)

8:10 am – 8:20 am Vargas Award Recipient (Not for credit)

8:20 am - 11:30 am Concurrent Surgeons & Therapist Programming

Concurrent Surgeons Programming
8:20 am – 9:30 am Session 1: Arthritis
9:30 am – 10:30 am Session 2: DRUJ/Carpal Malalignment
10:30 am – 10:45 am Coffee Break with Exhibitors
10:45 am – 11:30 am Session 3: Distal Radius Fractures
11:30 am – 12:15 pm Invited Guest Lecture (Not for credit)
See description on page 7.
12:30 pm – 5:00 pm Surgeons Hands-On Development Workshop: Principles of Internal Fixation in the Wrist and Hand
Chair: Jerry I. Huang, MD
Instructors: Seth Dodds, MD; Marco Rizzo, MD; Greg Rafiah, MD; Thomas B. Hughes, MD; Jason Koi, MD; Ryan Calfee, MD; Steven Nasse, MD
The AAHS Principles of Internal Fixation in the Wrist and Hand Workshop is a Surgeons Workshop designed to provide participants an opportunity to learn techniques for internal fixation and technical pearls in wrist and hand fractures as well as fusion options from an expert faculty panel and put them into practice in a hands-on sawbone workshop.

Concurrent Therapist Programming “Moving Toward Recovery”
8:30 am - 9:30 am Panel: Management of Finger Fractures with Early Motion
Moderator: Georgette A. Fogg, OTR/L, CHT
Invited Panelists: Donald H. Lalonde, MD; Jane Fedorczyk, PT, PhD, CHT, ATC; Jennifer Thompson, PT, CHT; Brian Adams, MD
This panel will discuss surgical options and rehabilitative treatment following a finger fracture. Surgeons will share their techniques for attaining a stable fracture and share their recommendations for rehabilitative treatment to avoid stiffness. K-wire fixation with early finger motion will be discussed along with other surgical options and protocols. Therapists with evidence based knowledge and clinical expertise will discuss rehabilitative treatment options for various cases.

9:30 am -10:30 am Panel: Early Motion after Extensor Tendon Repair
Moderator: Sharon Andruskiwec, PT, CHT
Invited Panelists: Wyndell H. Merritt, MD; Roslyn B. Evans, OTR/L, CHT; Julianne Howell, PT, CHT
The myriad of benefits of early motion after tendon repair are well known. While these principles are a driving force in flexor tendon protocols there hasn’t been an equal sense of urgency to move when addressing extensor tendons. This panel will address the anatomic rationale for the “relative motion” concept permitting immediate active motion splinting, the combined use of local anesthesia with epinephrine at surgery, and present the different early motion protocols for extensor tendon rehabilitation.
10:30 am – 10:45 am Coffee Break with Exhibitors

10:45 am – 11:30 am Nerve Mobilization Science And Practice
Moderator: Lisa Cyp, OTD/CHT
Instructor: Mark T. Walsh, DPT, CHT
This presentation will include the significant changes that have occurred since the concept of Nerve Mobilization was incorporated into therapy intervention for the treatment of neurogenic related symptoms and dysfunction. It will comprise a brief history, the development of the current approach to Nerve Mobilization, an algorithm for treatment progression and a discussion on where the future of this concept is likely to be of value for the practicing clinician considering current best evidence.

11:30 am – 12:15 pm Invited Guest Lecture (Not for credit)
The Mystery of Coincidences
Eduardo R. Zancollini, MD
Dr. Zancollini invites us to reflect upon the role of coincidences, their meaning and the impact they have had and still have on our lives. As a result, he forces us to rethink our path, to look at it from an angle we might have brushed aside. He invites us to look into an alternate path, a path we have yet to walk.

12:30 pm – 1:30 pm ASHT Panel: RX of Complex Injuries
Moderator: Mike Cricchio, MBA, OTR/L, CHT
Invited Panelists: Jennifer Dodson, OTR/L; Elisabeth McGee, OTR/L, PT, MOT, CHT, MTC; Brian Laney, OTR/L, CHT; Nik Allain, OTR/L, CHT
This panel will present and discuss four complex upper extremity cases involving soft tissue, fracture, and wound management. Each presenter will detail the specific diagnoses and treatment of the complex upper extremity case and invite group discussion regarding rational and evidence to support management of the case. Approximately 10-15 minutes will be granted for each case presentation and group discussion.

1:30 pm – 2:20 pm Graded Motor Imagery (GMI) – Applications for Hand Therapy
Moderator Georgette Fogh, OTR/L, CHT
Instructors: Aviva Wolfe, OTR/L, CHT; Kristin Valdes, ODT, CHT
This presentation will review the principles of neuroscience and the theory behind the use of graded motor imagery in rehabilitation. Application of graded motor imagery to specific diagnostic groups will be discussed including complex regional pain syndrome, upper limb amputation, and phantom limb pain, and focal dystonia. Neuropsychiatric changes related to complex pain, and phantom limb pain will be reviewed. Case presentations illustrating use of graded motor imagery will be presented, and treatment strategies integrating the use of GMI principles such as laterality reconstruction, visual and motor imagery, and mirror therapy will be identified.

2:20 pm – 2:30 pm Break

2:30 pm – 4:30 pm Workshop – Rehab Management of Rotator Cuff Pathology
Chair: Paul Brach, MS, PT, CHT
Instructors: Tambra Mark, OTD, Kim McVeigh, OTR/L, CHT
This 2 hour workshop will review rehabilitation of the shoulder through a combination of didactic and hands on learning. Topics covered will include shoulder anatomy and biomechanics, musculoskeletal dysfunction and its implications, surgical management, manual therapy skills, and the integration of alternative therapeutic approaches including core stabilization and Pilates. Rehab including and “beyond” rotator cuff exercises.

5:00 pm – 6:00 pm Mentors Reception
This late afternoon event was created for young hand surgeons and therapists (in practice five years or less) as well as those still in training to come and meet some of the seasoned AAHS board members. Enjoy a glass of wine and the opportunity to mingle with leaders in the field of hand surgery. Event includes hosted beverages and light appetizers.

6:30 pm – 8:00 pm Welcome Reception in Exhibit Hall

Thursday January 10, 2013

6:00 am – 7:00 am Open Guest Activity AAHS 5K Fun Run

7:00 am – 8:00 am Continental Breakfast with Exhibitors

7:00 am – 8:30 am MOC Instructional Course

107 Metacarpal Fracture
(ABPS MOC®-approved)
Chair: Nicholas B. Vedder, MD
Instructors: Warren C. Hammert, MD; Jerry Huang, MD; John Seiler, MD; Terri Wolfe, OTR/L, CHT
This course will feature a pre-test and post-test and is approved by the ABPS for MOC parts II and IV as an educational module for the practice improvement module of metacarpal fractures. The goal is to present a non-biased, evidence based assessment of the treatment alternatives for patients with metacarpal fractures.

7:30 am – 8:30 am Instructional Courses

108 The Scaphoid- Treatment of the Entire Spectrum: From Fresh Fractures, to Stable Scaphoid Nonunions, to Unstable Scaphoid Nonunions with AVN and Humpbacked Collapse
Chair: T. Greg Sommerkamp, MD
Instructors: William B. Geissler, MD; Pablo De Carl, MD
The entire spectrum of scaphoid pathology will be presented from the acute fracture stage, to stable nonunions, progressing to unstable scaphoid nonunions with AVN and carpal instability (humpbacked collapse). Each of the faculty members will present a typical set of images from each of these various stages of scaphoid fracture pathology, and then will walk the audience through their preferred method of treatment for each of those particular stages. A combination of various treatment techniques will be presented ranging from percutaneous fixation to arthroscopic assisted internal fixation, arthroscopic guided bone grafting, and ORIF with a variety of vascularized bone grafts. A treatment continuum will be stressed, emphasizing that the selected treatment plan must be highly individualized to the patient’s specific fracture / nonunion with respect to elapsed time from injury, location – wrist vs. proximal pole, stability (displacement / angulation), presence of cystic resorption and proximal pole perfusion / viability.

109 Pediatric Hand- Soft Tissue Injuries, Fractures, and Complications
Chair: Dan Zlotolow, MD
Instructors: Joshua M. Abzug, MD; Theresa O. Wyrick, MD; Aviva Wolfe, OTR/L, CHT
The course is case based presentations with interactive discussion from the audience devoted to pediatric upper extremity problems. Participants will participate in dialogue to ensure lively interaction and will focus on pediatric soft tissue injuries, fractures, and complications.

110 Tendon Transfers for Tetraplegia - an Overview
Chair: Phillip Heyman, MD
Instructors: Eric Britton, MD; Michael S. Bednar, MD; Ann E. Van Heest, MD; Gail Ward, OTR
In this course, we will cover the technique and expected outcomes of the commonly done sets of transfers that can be performed for the tetraplegic patient. Among those procedures covered are procedures for key pinch, procedures for restoring pinch and grasp, and procedures for restoring elbow extension.

111 Diagnosis and Treatment of Hand and Wrist Injuries in Elite Contact Sports Athletes
Chair: Steven W. Margles, MD
Instructors: Alejandro Badia, MD; Enrique Pereira, MD
Elite athletes in contact sports are prone to serious injuries to the hand and wrist. The specific requirements of the sport may necessitate treating these individuals differently than the “weekend warrior.” Return to the sport as rapidly as possible with a “fix” that will stand up to the anticipated forces of the sport. Principles of diagnosis and treatment, with specific examples and illustrations, will be explained.
112 DRUJ Instability  
Chairs: Jorge Borettó, MD; Gabriel Clembosky, MD  
Instructors: Carlos Zaidenberg, MD; William Kleinman, MD; William Geissler, MD; Eduardo R. Zancolli, Jr., MD; Brian D. Adams, MD  
Instability of the DRUJ can develop acutely after injury or may develop insidiously after bony misalignment or soft tissue laxity. Diagnosis and treatment have some controversial points that will be discussed. The course will focus on anatomy of the DRUJ and its clinical implications in open and arthroscopic treatment.

Friday January 11, 2013

7:00 am – 8:00 am  Instructional Courses

113 Basal Joint Arthroplasty  
(ABPS MOC®-approved)  
Chair: Donald H. Lalonde, MD  
Instructors: Matthew M. Tomaina, MD; Peter Murray, Kristin A. Valdes, OTR, CHT  
This course will feature a pre–test and post-test and is approved by the ABPS for MOC parts II and IV as an educational module for the practice improvement module of basal thumb arthritis. The goal is to present a non–biased evidence based assessment of the treatment alternatives for patients with thumb arthritis.

7:00 am – 8:00 am  Instructional Courses

114 Recurrent Ulnar Neuropathy  
Chair: Joshua M. Abzug, MD  
Instructors: A. Lee Osterman, MD; Peter C. Amadio, MD; Dean G. Sotereanos, MD; Steve Lee, MD  
Diagnosis and management of failed cubital tunnel surgery will be presented. Detailed discussion regarding pearls and pitfalls to avoid the recurrence as well as management will aid the hand surgeon in their practice.

7:00 am – 8:00 am  Instructional Courses

115 Nerve Repair Reconstruction; Conduits/Allograft  
Chair: John S. Taras, MD  
Instructors: Jonathan Isaacis, MD; Randip R. Bindra, MD; Christine Novak, PT, PhD  
Management of the injured peripheral nerve has changed over the last decade. Advances in techniques and products have led to improved and more reliably positive outcomes. This course will also review the pertinent vascular anatomy, with an emphasis on critical variations. Appropriate use of diagnostic testing including office based alternatives, capabilities of the vascular lab and radiographic studies will be presented. Common vascular problems and their treatment options, both surgical and nonsurgical, will be reviewed utilizing a case based format.

116 Vascular Disorders of the Upper Extremity: Diagnosis and Management  
Chair: Michael S. Murphy, MD  
Instructors: James P. Higgins, MD; Michael McClinton, MD; Andy Tyser, MD  
The course will cover complex vascular problems of the upper extremity, present diagnostic, and treatment dilemmas. Few hand surgeons outside of major referral centers garner extensive experience in their management. As a result many hand surgeons are not as familiar or facile with their treatment alternatives. This course will also review the pertinent vascular anatomy, with an emphasis on critical variations. Appropriate use of diagnostic testing including office based alternatives, capabilities of the vascular lab and radiographic studies will be presented. Common vascular problems and their treatment options, both surgical and nonsurgical, will be reviewed utilizing a case based format.

117 The Smashed Elbow  
Chair: Scott Steinmann, MD  
Instructors: Julie E. Adams, MD; Mark E. Baratz MD; Neal Chen, MD; Rodriguez Sanmartino, MD  
The Smashed Elbow will discuss new techniques for addressing the most common fractures of the elbow. Attention will be directed at surgical steps to allow for ideal fixation. The complications that may occur as well as the current state of postoperative management will be discussed.
118 Workers’ Compensation: Legal and Psychological Issues Impacting Our Care
Chair: Stephen Leibovic, MD
Instructors: Beverly Masuda, Esq; Niurka Santana, PhD
One measure of our success in treatment of the Workers’ Compensation patient is their return to work. Psychological issues and legal issues are factors outside our realm of expertise which can have a significant impact on return to work. If we can improve our understanding of these issues we may be able to facilitate more efficient return to work.

8:00 am – 8:10 am  Hand Surgery Endowment (HSE) President Report  (Not for credit)
Ronald E. Palmer, MD
8:10 am – 8:15 am  Hand Journal Update  (Not for credit)
Michael W. Neumeister, MD
8:15 am – 8:55 am  Session 7: Dupuytren Disease/ Infection
8:55 am – 9:45 am  Session 8: Micro/Flaps/ Congenital
9:45 am – 10:00 am  Coffee Break with Exhibitors
10:00 am – 11:00 am  Session 9: Nerve/ Brachial Plexus
11:00 am – 11:45 am  Danyo Lecture  
Gain Without Pain, The Dawn Of Elective Surgery  
James W. May, Jr., MD, FACS
James W. May is most recognized for his teaching, having won teaching awards at the Massachusetts General Hospital and at Harvard University. He has been elected as a member of the Academy of the Harvard Medical School. He was recognized by the American Society of Plastic Surgeons in 2006 with the life-time Educational Award. During the Danyo Lecture, Dr. May will discuss the history of the first public demonstration of ether anesthesia at the Massachusetts General Hospital. In addition, he will examine the lessons learned from the men who made this event possible and will explore current challenges facing modern educators in Hand Surgery.

11:45 am – 12:45 pm  Joint AAHS/ ASPN Panel: Complex Elbow Trauma  
Moderator: Robert Spinner, MD
Panelists: Jesse B. Jupiter, MD; David C. Ring, MD; Susan E. Mackinnon, MD
Achieving both stability and mobility of the elbow joint in a complex elbow trauma is no easy task. The problem is even more challenging when the nerves around the joint are involved. This panel features experts who deal with this situation on a regular basis and will present the pearls and pitfalls in the management of these difficult injuries.

12:45 pm – 1:30 pm  Annual Business Meeting  (Not for credit)
(AAHS Members Only)
1:30 pm  Lunch on Own
2:00 pm – 4:00 pm  Open Guest Activity Volleyball on the Beach
1:30 pm – 5:50 pm  Comprehensive Hand Review Course  
Chair: Warren C. Hammert, MD
Experienced faculty will deliver a comprehensive review of commonly encountered hand and upper extremity conditions. They will cover principles of diagnosis and treatment, while providing an overview of conditions encountered on board examinations and resident in-training examinations. The course is ideal for residents, fellows and hand therapists who wish to increase depth of knowledge in hand surgery as well as surgeons in practice seeking a knowledge update or preparing for a MOC exam.

1:30 pm – 1:35 pm  Introduction
Warren C. Hammert, MD
1:35 pm – 1:55 pm  Distal Radius Fractures/ Forearm Fractures
Speaker: David C. Ring, MD
1:55 pm – 2:15 pm  DRUJ/ TFCC
Speaker: Warren C. Hammert, MD
2:15 pm – 2:35 pm  Scaphoid Fractures/ Nonunions
Speaker: Thomas B. Hughes, MD
2:35 pm – 2:55 pm  Carpal Instability
Speaker: Steven L. Moran, MD
2:55 pm – 3:15 pm  Wrist Arthritis
Speaker: Gregory Rafijah, MD
3:15 pm – 3:30 pm  Break
3:30 pm – 3:50 pm  Flexor and Extensor Tendon Injuries
Speaker: Jeffrey B. Friedrich, MD
3:50 pm – 4:10 pm  Nerve Injuries – Repair, Grafting, Transfer
Speaker: Randip R. Bindra, MD
4:10 pm – 4:30 pm  Nerve Compressions/ CRPS
Speaker: Alexander M. Spiess, MD
4:30 pm – 4:50 pm  Finger Fractures and Dislocations
Speaker: David Dennison, MD
4:50 pm – 5:10 pm  Basal Joint Arthritis
Speaker: Asif M. Ilyas, MD
5:10 pm – 5:30 pm  Tendinopathies and Dupuytren’s Contracture
Speaker: Sanjeev Kakar, MD
5:30 pm – 5:50 pm  Tumors in the Upper Extremity
Speaker: E. Gene Deune
7:00 pm – 10:00 pm  Annual Meeting Dinner Dance
Saturday January 12, 2013

6:30 am - 8:00 am  Breakfast with Exhibitors

7:00 am – 8:00 am  AAHS/ASPN/ASRM Instructional Courses

**201 Common Nerve Transfers to Restore Upper Extremity Function: Indications, Surgical Options and Post-Operative Therapy**

Chair: Susan E. Mackinnon, MD
Instructors: Ida K. Fox, MD; Amy Moore, MD; Lorna Kahn, PT, CHT

This course will discuss the indications, patient selection and surgical techniques for restoring upper extremity function with the use of nerve transfers after nerve injury and in tetraplegia. From the shoulder to the hand, reinnervation options for motor and sensory function will be described and the post operative therapy protocols and expectations will be emphasized.

**202 Brachial Plexus Update**

Instructors: Allen Belzberg, MD; Howard Clarke, MD, PhD

This course will review the relevant anatomy of the brachial plexus and the factors predictive of prognosis. The various surgical options for the typical injuries seen by peripheral nerve surgeons are highlighted, as well as the evolution of the treatment algorithm.

**203 Targeted Reinnervation**

Instructors: Gregory Dumanian, MD; Paul Cederna, MD

As prosthetics improve, the ability to interface the motor and sensory systems becomes increasingly important. This course will review the anatomy, techniques and goals of targeted muscle and sensory reinnervation.

**204 Cortical Reorganization**

Instructors: Martijn Mallessy, MD; Wendong Xu, MD

Peripheral alteration produced by neurotization often leads to extensive functional reorganization of the somatosensory cortex. This course will highlight the findings in cortical recognition and reorganization following intercostal nerve transfer and contralateral C7 transfer.

**205 Avulsion Injuries of the Upper Extremity**

Moderator: Scott Hansen, MD
Instructors: Amir Taghinia, MD; Babak Safa, MD

Replantation is one of the most challenging problems we face- particularly difficult in the setting of avulsion mechanisms. Find out how to tackle this difficult problem and improve your odds of success.

**206 The Future of Microsurgery Training: Training Microsurgeons in the Era of Duty Hours, Patient Safety, and Quality Improvement**

Moderator: Ruben Bueno, MD
Instructors: Gordon Lee, MD; Anuja Antony, MD; Gustavo Perez-Abadia, MD

Training the next generation of microsurgeons while remaining compliant with duty hour regulations and hospital initiatives on patient safety can be challenging to residency and fellowship program directors. Panelists will share their experiences in training residents and fellows in a high-stakes learning environment.

8:00 am - 8:15 am  President Welcome  (Not for credit)

Jesse B. Jupiter, MD  
AAHS President

Robert Spinner, MD  
ASPN President

Michael W. Neumeister, MD  
ASRM President

**ASPS Update**

Gregory R.D. Evans, MD, FACS  
ASPS President-Elect

8:15 am - 9:30 am  AAHS/ASPN/ASRM Combined Panel: Tissue Engineering

Moderator: Michael W. Neumeister, MD
Panelists: Geoffrey Gutner, MD; Paul S. Cederna, MD; Raymond Dunn, MD

Current and future prospects of tissue engineering in reconstruction in defects in the extremities.

9:30 am - 10:00 am  Break with Exhibitors

10:00 am - 11:00 am  AAHS/ASPN/ASRM Joint Outstanding Paper Presentations

11:00 am - 12:00 pm  Joint Presidential Keynote Lecture  (Not for credit)

**Stranger Than Fiction**

Carl Hiaasen, Novelist, Miami, Florida

Bestselling novelist and journalist Carl Hiaasen is among South Florida’s most vital natural resources. He writes in a comic style — Hiaasenesque — that combines thrilling plot lines, blunder-prone schemes, headstrong men and women, corrupt politicians, and a loving nod to the natural landscape of South Florida. Carl Hiaasen will present true weird stories of Florida and how they weave their way into the novels.
Friday, January 11, 2013

9:00 am - 11:00 am   ASPN Council Meeting  (Not for credit)

11:45 am - 12:45 pm  Joint AAHS/ASPN Panel: Complex Elbow Trauma
Moderator: Robert Spinner, MD
Invited Panelists: Jesse B. Jupiter, MD; David C. Ring, MD; Susan E. Mackinnon, MD
Achieving both stability and mobility of the elbow joint in a complex elbow trauma is no easy task. The problem is even more challenging when the nerves around the joint are involved. This panel features experts who deal with this situation on a regular basis and will present the pearls and pitfalls in the management of these difficult injuries.

12:45 pm - 12:55 pm  President and Program Chair Welcome  (Not for credit)
Robert Spinner, MD  Huan Wang, MD, PhD
ASPN President  Program Chair

12:55 pm - 2:00 pm   Scientific Paper Session 1

2:00 pm - 2:30 pm  President's Invited Lecture
Power and Pain
Rolfe Birch, MChir, FRCS
This talk will focus on the affect of pain upon muscle function and the power of patients to live their lives and also the way in which restoration of power, by reinnervation, so often abolishes pain. The lecture will also refer to the effect of muscle reinnervation on brachial plexus pain and on aspects of the classical syndromes of causalgia, post traumatic neuralgia and neurostenalgia based on the recent work in the changing phenotype of the afferent fibers and their cell bodies.

2:30 pm - 2:50 pm Break with Exhibitors

2:50 pm - 3:45 pm  ASPN Instructional Courses

301 Nerve Transfers in Tetraplegia; The New Frontier
Instructors: Susan Mackinnon, MD; Christine Novak, PhD, PT; Ida Fox, MD
Nerve transfer is an established procedure in the management of peripheral nerve injuries. Only recently have nerve transfers been considered as a potential option for treating spinal cord injury (SCI) patients. This course will present nerve transfer strategies for the restoration of hand function in patients with tetraplegia after cervical SCI. The importance of postoperative motor retraining will also be highlighted.

302 Nerve Imaging
Instructors: Kimberly Amrami, MD; Matthew Howe, MD
Interdisciplinary collaboration between peripheral nerve surgeons and radiologists can lead to enhanced diagnostic accuracy. Understanding the images can frequently guide the treatment. This course will focus on the application of high resolution MRI in imaging traumatic lesions, nerve tumors or other pathological conditions. Varied sequences and protocols that are tailored to visualize various clinical entities will be presented as well as the limitations.

303 OBPP
Instructors: Howard Clarke, MD, PhD; Scott Kozin, MD; Martijn Mallessy, MD
This course will focus on obstetrical brachial plexus palsy, its natural course, and unique characteristics that set it apart from adult plexus lesions; caveat of physical examination, timing and algorithm of treatment.

3:50 pm - 5:20 pm  Scientific Paper Session 2

Saturday, January 12, 2013

AAHS/ASPN/ASRM Combined Day

12:00 pm -1:00 pm ASPN Business Meeting with Lunch  (Not for credit)
(members only)

1:00 pm - 1:30 pm  ASPN Presidential Speech  (Not for credit)
Six Degrees of Separation
Robert Spinner, MD
As part of my research on intraneural ganglion cysts, I searched for the first known example. This led to a series of discoveries: 1) the first cyst from 1810 was still extant, and when examined, showed evidence that would support the articular theory; and 2) the relatively obscure individual who made the initial observation (referred to only as M. Beauchêne), not only had a rich legacy, but could be traced historically to me. This talk will describe the chain of acquaintances via certain familiar individuals, such as Baron Guillaume Dupuytren, Emanuel Kaplan, Arthur Barsky, and Morton Spinner.

1:30 pm - 2:00 pm President's Invited Lecture  (Not for credit)
Mind the Gap
Göran Lundborg, MD
This lecture will talk about brain plasticity – how our brains evolved to their present status, the importance of brain plasticity in several situations, not least nerve injuries. New aspects on sensory relearning and re-educational programs and some new information what the child's superior brain plasticity means for the results of nerve repair will be presented.

2:00 pm - 2:15 pm  Break with Exhibitors

2:15 pm - 3:15 pm ASPN/ASRT: Nerve and Transplantation
Moderator: L. Scott Levin, MD, FACS
Faculty: Susan Mackinnon, MD; Maria Siemionow, MD; Thomas Tung, MD
Reconstruction of lengthy nerve defects remains a challenging clinical problem, especially when there is not enough donor nerve to be used as grafts. This assembly of members of ASPN and American Society for Reconstructive Transplantation will discuss the options of nerve allograft and the latest advancements in transplant immunology.

3:15 pm - 4:15 pm  Scientific Paper Session 3

4:30 pm - 5:30 pm  ASPN Poster Session  (Not for credit)
See description on page 16

6:00 pm - 7:30 pm  ASPN/ASRM Welcome Reception
See description on page 16
Sunday, January 13, 2012

7:00 am - 8:00 am  ASPN Instructional Courses

**304 Outcome Measurement**
Instructors: Scott Wolfe, MD; Alexander Shin, MD; Christine Novak, PhD, PT
In the era of evidence-based medicine, a consensus in outcomes measurement is increasingly important. This course calls for a standardized, user-friendly approach to evaluate outcomes in peripheral nerve repair and brachial plexus reconstruction, the most complex form.

**305 Tissue Engineering and Regenerative Medicine**
Instructors: Raj Midha, MD; Gregory Borschel MD
This course will discuss new ideas of bioengineering for the construction of improved artificial nerve conduits by the use of skin-derived precursor cells, adult autologous Schwann cells and cytokine/drug delivery.

**306 Nerve vs. Tendon Transfer**
Instructors: Allen Bishop, MD; Thomas Tung, MD; Christine Novak, PhD, PT
What technique should one choose to restore a lost function in the upper or lower extremity: nerve transfer or tendon transfer? The indications and contraindications, the pros and cons of each option will be discussed. The common transfer procedures will be presented. The rehabilitation considerations and options will also be highlighted.

**307 Nerve Surgery of the Future**
Instructors: Tessa Gordon, PhD; Michel Wiberg, MD
Basic research keeps pushing the envelope and pushing us into the future. In this course, animal work with brief low frequency electrical stimulation to accelerate nerve regeneration as well as its application in patients is discussed. Side-to-side bridging between an intact and a denervated nerve is presented as a strategy to “protect” for regeneration over distance and time. Also featured is nerve injury: its dying neurons and challenging nerve defect.

8:00 am - 9:00 am  Joint ASPN/ASRM Panel: Nerve and Technology
Moderator: Paul Cederna, MD
Panelists: Gregory Borschel, MD; Raj Midha, MD; Tessa Gordon, PhD
The American Society for Peripheral Nerve and American Society of Reconstructive Microsurgery are pleased to announce the Combined ASPN/ASRM Panel Entitled, “Technologic Advances in Peripheral Nerve Surgery to Improve Functional Recovery Following Devastating Nerve Injuries”. The purpose of the panel is to highlight the technologic advances which will help war fighter and civilian patients experience enhanced functional recovery following severe extremity injuries. In particular, we will highlight the technologic advances in nerve conduit development and provide a glimpse into the future as to what will be possible. We will also examine the use of growth factors, cellular elements, and even computer microchips to enhance neural regeneration. We will similarly discuss the use of electrical stimulation and the exciting potential of this intervention to enhance axonal sprouting and elongation. Lastly, we will investigate the use of biosynthetic, regenerative peripheral nerve interfaces to provide high fidelity motor control and sensory feedback in patients suffering from limb loss. This will prove to be an exciting look at the most current technologic advances in peripheral nerve surgery and provide a look into the future.

9:00 am - 9:30 am  ASPN/ASRM Scientific Paper Presentations

9:30 am – 10:00 am  Break with Exhibitors

10:00 am - 11:00 am  Scientific Paper Session 5

11:00 am - 11:30 am  President’s Invited Lecture
**The sine qua non of Peripheral Nerve Regeneration**
Thomas Brushart, MD
This talk will discuss the potential for regeneration specificity in the context of clinical and experimental observations. Mechanisms of specificity generation and their potential manipulation to improve outcomes will be emphasized.

11:30 am - 12:30 pm  Scientific Paper Session 6

12:30 pm – 12:45 pm  Closing Remarks and Awards

12:45 pm – 1:45 pm  ASPN Council Meeting
Surgical Approach to Lymphedema - Separating the Wheat from the Chaff

7:15 am - 8:00 am  ASRM Scientific Paper Session

Michael Neumeister, MD  
James Higgins, MD  
Michael Sauerbier, MD

6:30 am - 7:30 am Breakfast with Exhibitors
See description on page 16

6:00 pm - 7:30 pm ASPN/ASRM Welcome Reception
(Invitation Only)

5:00 pm - 6:00 pm  ASRM Young Microsurgeons Group/New Member Reception

12:00 pm  Golf Tournament
See description on page 16

7:00 am - 7:15 am  President and Program Chair Welcome
(Not for credit)

3:00 pm  Coffee Break with Exhibitors
Supported by ASSI
See description on page 16

4:45 pm  Coffee Break with Exhibitors
Supported by ASSI
See description on page 16

Saturday, January 12, 2013

AAHS/ASPN/ASRM Combined day

12:00 pm - 5:00 pm  Masters Series in Microsurgery
(Not for credit)

Chair: William Pederson, MD

Lower Extremity Reconstruction - Tips and Tricks
Refinements in Head and Neck Reconstruction
Teaching Microsurgery - How to Avoid Disasters
Applications for Innervated Muscle Transfer in the Upper Extremity
Breast Reconstruction in Private Practice - Technical and Fiscal Tips
Surgical Approach to Lymphedema - Separating the Wheat from the Chaff

Emmanuel Melissinos, MD  
Eric Halverson, MD  
Michael Neumeister, MD  
Milan Stevanovic, MD  
Gabe Kind, MD  
David Chang, MD

12:00 pm  See description on page 16

5:00 pm - 6:00 pm  ASRM Young Microsurgeons Group/New Member Reception
(Invitation Only)

6:00 pm - 7:30 pm  ASPN/ASRM Welcome Reception
Supported by ASSI
See description on page 16

Sunday, January 13, 2012

6:30 am - 7:30 am  Breakfast with Exhibitors

7:00 am - 7:15 am  President and Program Chair Welcome
(Not for credit)

Michael Neumeister, MD  
ASRM President
James Higgins, MD  
Program Chairman
Michael Sauerbier, MD  
Program Chairman

7:15 am - 8:00 am  ASRM Scientific Paper Session

8:00 am - 9:00 am  Joint ASPN/ASRM Panel: Nerve and Technology

Moderator: Paul Cederna, MD

Panelists: Gregory Borschel, MD; Raj Midha, MD; Tessa Gordon, PhD

The American Society for Peripheral Nerve and American Society of Reconstructive Microsurgery are pleased to announce the Combined ASPN/ASRM Panel Entitled, “Technologic Advances in Peripheral Nerve Surgery to Improve Functional Recovery Following Devastating Nerve Injuries”. The purpose of the panel is to highlight the technologic advances which will help war fighter and civilian patients experience enhanced functional recovery following severe extremity injuries. In particular, we will highlight the technologic advances in nerve conduit development and provide a glimpse into the future as to what will be possible. We will also examine the use of growth factors, cellular elements, and even computer microchips to enhance neural regeneration. We will similarly discuss the use of electrical stimulation and the exciting potential of this intervention to enhance axonal sprouting and elongation. Lastly, we will investigate the use of biosynthetic, regenerative peripheral nerve interfaces to provide high fidelity motor control and sensory feedback in patients suffering from limb loss. This will prove to be an exciting look at the most current technologic advances in peripheral nerve surgery and provide a look into the future.

9:00 am - 9:30 am  ASPN/ASRM Scientific Paper Presentations

9:30 am - 10:00 am  Coffee Break with Exhibitors

10:00 am - 11:00 am  President’s Invited Lecturer
(Not for credit)

Professor of Plastic Surgery
Hans-Ulrich Steinau, MD, PhD

Formally serving as chief of the Department for Plastic, Reconstructive and Hand Surgery BG University Hospital Bergmannsheil, Ruhr University Bochum. He is currently a Senior Consultant Plastic Surgeon University of Essen. Professor Steinau was also the President of the German Society for Plastic, Reconstructive and Aesthetic Surgery and most notably was the first Plastic Surgeon to become president of the German Society of Surgery.

11:00 am - 12:00 pm  Panel: Lower Extremity Reconstruction 26 Years After Godina

Chair: Randy Sherman, MD

Panelists: Don Weiss, MD; Marco Innocenti, MD; Steven Kovach, MD; Emmanuel G. Melissinos, MD

Marco Godina’s concepts sparked a revolution in the treatment of lower extremity trauma. How much farther have we come? Are the concepts of Godina still relevant today? Hear some of the field’s experts share their ideas on the present and future of lower extremity reconstruction.

12:00 pm - 12:45 pm  YMG Open Forum and Lunch

A Discussion of Your Practice and Politics: Local, Regional and Federal
Invited Lecturer: Bob Murphy, MD

The Young Microsurgeon’s group invites you to participate in an open forum specially designed to foster discussion on your practice and politics at the local, regional and federal level with featured guest speaker Dr. Bob Murphy. Admission to the forum is included in the registration fee, however, pre-registration is required.

12:00 pm – 12:45 pm  YMG Open Forum and Lunch

12:45 pm - 2:00 pm  ASRM Breakout Panels

401 Atypical Microsurgical Indications

Chair: Gunter Germann, MD

Panelists: Milomir Ninikovic, MD; Lawrence Colen, MD; Pedro Cavadas, MD; Bruno Battiston, MD

Find yourself performing procedures never before described? Feel like you have been required to “think outside the box”? Come listen to some of our most creative colleagues describe how they have applied their microsurgical techniques in innovative and unusual settings.

402 Facial Reanimation in the Oncologic Setting

Chair: Joseph Dayan, MD

Panelists: Milomir Ninikovic, MD; Lawrence Colen, MD; Pedro Cavadas, MD; Bruno Battiston, MD

Quality of life of these patients.

403 Management of Sarcoma Reconstruction of Extremities and the Thoracic Wall/Trunk

Chair: Randy Sherman, MD

Panelists: Peter Vogt, MD; Steven Moran, MD; Marco Innocenti, MD; Michael Sauerbier, MD

Sarcoma treatment poses challenges from diagnosis to surgical and nonsurgical treatment and surveillance. These experts will debate issues regarding imaging and surgical diagnosis, techniques of surgical exenteration, and goals of reconstruction with local and distant tissue.

404 Tips and Tricks for Approaching Unusual Replantations

Chair: Raja Sabapathy, MD

Panelists: Heinz Burger, MD; Murat Topalan, MD; Abraham Thomas, MD

Scalp avulsions, Face, Scrotum and Penis amputations …… These rare surgical challenges have high stakes. Successful revascularization can yield great outcomes; salvage reconstructions can be disabling. Join the experienced team of panelists to learn the special tricks to approach these difficult nights on call.
2012 Godina Traveling Fellow. It is a pleasure to introduce Steven L. Moran, MD as the young, upcoming microsurgeon who has demonstrated leadership, innovation and ongoing commitment in the last two decades demonstrated a revolution in microsurgical mandible and maxilla reconstruction.

Chair: Giorgio DeSantis, MD

416 Aesthetic, Functional and Technical Evolution in Mandible and Maxilla Reconstruction in the Last Two Decades

Chair: Lawrence Gottlieb, MD

Young Microsurgeons will present their most challenging and difficult cases with commentary from a paired expert in the field. New insights into complications and the manner in which they were addressed will be discussed and debated.

2:15 pm - 3:30 pm  Concurrent Scientific Paper Sessions

3:30 pm - 4:30 pm  ASRM Godina Lecture  (Not for credit)

Steven L. Moran, MD

“Marko Godina was distinguished by his tireless energy, his impeccable logic, his boundless optimism, and his constant good humor and courtesy” – G. Lister

It is these qualities that are sought after in choosing the ASRM Godina Lecturer, honoring Dr. Marko Godina, an unrivaled leader and innovator in reconstructive microsurgery whose life was tragically cut short at the young age of 43. Established by the trustees of the Marko Godina Fund, this distinguished lectureship highlights a young, upcoming microsurgeon who has demonstrated leadership, innovation and ongoing commitment to our field in the best traditions of Dr. Godina. It is a pleasure to introduce Steven L. Moran, MD as the 2012 Godina Traveling Fellow.

4:30 pm - 5:30 pm  ASRT Panel

Panelists: Kodz Aazi, MD, FACS; Linda Cendales, MD; W.P. Andrew Lee, MD, FACS; Bohdan Pomahac, MD

6:00 pm - 7:00 pm  Godina Alumni Club Reception

(Invite only)

7:00 pm - 10:00 pm ASRM Evening Event

Tuesday, January 15, 2013

6:30 am - 8:30 am  Breakfast

7:00 am – 8:30 am  ASRM Council Meeting

7:00 am – 8:15 am  ASRM Breakout Panels

414 Decision Making and Ethical Aspects in Palliative Reconstructive Microsurgery

Chair: Lawrence Gottlieb, MD

Panelists: Kerstjn Stenson, MD; Joseph Disa, MD; Matthew Hanasono, MD; Julian Przbaz, MD

When do we say "enough is enough?"? When do we think it is reasonable to perform complex reconstruction in patients who present with advanced disease when our interventions may not impact the progression of disease or patient survival? This interdisciplinary panel will help us understand the difficult decision-making process and ethical considerations of palliative reconstructive surgery.

415 Venous Flaps: When, Where and Why to Use them in Hand Reconstruction

Chair: Rudy Bunnic, MD

Panelists: Avi Isulur, MD; Jay Agrawal, MD; Bauback Safa, MD

Difficult hand soft tissue reconstructions can often be simplified and best treated with a venous free flap. Panelists will discuss designing, harvesting and incorporating these flaps into everyday practice so that the surgeon unfamiliar with them can get started and use them to their full potential.

416 Aesthetic, Functional and Technical Evolution in Mandible and Maxilla Reconstruction in the Last Two Decades

Chair: Giorgio DeSantis, MD

Panelists: Eric Santamaria, MD; Evan Matros, MD; Babak Mehrara, MD

In the last two decades demonstrated a revolution in microsurgical mandible and maxilla reconstruction.

Aesthetic evolution (segmental osteotomies, use of the CAD-CAM), functional evolution (implantology, mucosal prelamination), technical evolution (bone stabilization), will be the main topics to be debated in this course.

417 Vascularized Bone Flaps vs. Bone Grafts vs. Alloplastic Reconstruction in Cranioplasty

Chair: Eduardo Rodriguez, MD, DDS

Panelists: Alexander Gaggl, MD; Anthony Wolfe, MD; Amir Dorafshar, MD

Experts in the field will discuss the benefits of various methods of reconstruction of large cranial defects. Discussion will focus on how our approach to these problems has evolved and what the future may hold.

418 Minimally Invasive Flap Harvest: Big Flaps, Small Incisions

Chair: Jesse Selber, MD

Panelists: Neil Fine, MD; John Pederson, MD; Paul Cederna, MD

Are big incisions a thing of the past? Listen to innovative surgeons describe how they have used minimally invasive approaches to harvest everyday flaps with minimal donor site morbidity.

419 Vascularized Lymph Node Transfer for the Treatment of Lymphedema: Controversies in Safety and Efficacy

Chair: Joseph Dayan, MD

Panelists: David Chang, MD; Corrine Becker, MD; Ming-Huei Cheng, MD; Babak Mehrara, MD

Vascularized lymph node transfer has become increasingly popular as a treatment for lymphedema, but has also raised significant controversy regarding the technique as well as safety and efficacy. Experts in the field will share their experience including details on patient selection, technique, morbidity, and outcomes.

420 Controversies in Autogenous Breast Reconstruction

Chair: Joseph Seibler, MD

Panelists: Alonza Speigel, MD; Ali Sadeghi, MD; Karen Horton, MD

Despite many options for breast reconstruction, autogenous techniques are the gold standard. Sensibility, alternative donor sites, radiation effects, and fat grafting will be addressed.

8:30 am - 9:30 am  Buncke Lecture  (Not for credit)

Joseph Upton, MD

The Harry Buncke Lectureship has been created with the support of the California Pacific Medical Center to honor Dr. Buncke's remarkable contributions to the field of microsurgery. Dr. Harry Buncke has played a major role in the development of our specialty and has helped develop several microsurgical laboratories around the world. He has influenced countless residents and fellows as well as numerals of department chairs throughout the world. It is with great appreciation that we are able to honor Dr. Harry Buncke with his lecturership due to funding provided by the California Pacific Medical Center. It is our pleasure to introduce Joseph Upton, MD as the 2013 Buncke Lecturer. Support received from California Pacific Medical Center

9:30 am - 10:45 am ASRM Concurrent Paper Sessions

10:45 am - 11:45 am  Panel: Future of Breast Reconstruction

Moderator: Joseph Serletti, MD

Panelists: Philip Blondeel, MD; Liza Wu, MD; Kevin Fox, MD; David Song, MD, MBA, FACS

This panel will explore the current and evolving "state of the art" in free flap breast reconstruction. Panelist will discuss how the future may impact our current practices. We will specifically address the current and future directions in patient selection, free flap choices, the economics of free flap breast reconstruction, and the future management of breast cancer and how it may impact our reconstructive practices. The panelists are all recognized experts in their assigned areas and will give us a fascinating perspective into the future of breast reconstruction.

11:45 am  Closing Remarks
Educational Resources

PRE-SALE – AAHS 2013 Comprehensive Hand Surgery

Place your order now for the 2013 Comprehensive Hand Surgery Review Course DVD that will be recorded at this upcoming annual meeting. Chaired by Warren Hammert, MD and covering 12 topics, this DVD will serve as a valuable resource. Please see the registration form in this brochure to pre-order the 2013 Course DVD. Pre-ordered DVDs will be delivered to you in early spring 2014, after the meeting.

ASRM Historical DVD

($25 - Limited Quantities)

A DVD entitled “The First Twenty Years” is available for purchase. This one hour documentary has been produced in honor of the 20th Anniversary of the esteemed American Society for Reconstructive Microsurgery and documents the evolution of microsurgery; with commentary from pioneers such as Harry Buncke, Robert Acland and Jim Urbania. The video includes the experimental and clinical history of replantation described vividly by Susumu Tamai. The timeline takes the viewer through a rich history of experimental, scientific and clinical development of the practice of microsurgery from its infancy and into the modern era. The scope of the video highlights the spectrum of techniques, including composite tissue allotransplantation, described by one of the American Pioneers of this technique Warren Breidenbach. The video is a living heritage of our exciting specialty and would benefit medical students, residents, fellows, practicing physicians and probably most importantly our patients. This documentary is a wonderful resource of information about microsurgery and certainly will inspire members to make further progress in the arena of reconstructive microsurgery. To order “The First Twenty Years” DVD, please see the registration form in this registration brochure. Ordered DVDs will be mailed directly once they have been purchased.

ASRM 2012 Masters Series in Microsurgery

($50 - Limited quantities)

The American Society for Reconstructive Microsurgery is pleased to present Part VII of the “Masters Series in Microsurgery”. The 2012 Masters Series in Microsurgery highlighted complications and problems as seen by the experts in the field. An international panel of renowned Masters in Microsurgery presented disasters they had. (Ordered DVDs will be mailed directly once they have been purchased. Limited quantities available.)

ASRM 2011 Masters Series in Microsurgery

($50 - Limited quantities)

The American Society for Reconstructive Microsurgery is pleased to present Part VI of the “Masters Series in Microsurgery”. The 2011 Masters Series in Microsurgery highlighted complications and problems as seen by the experts in the field. An international panel of renowned Masters in Microsurgery presented disasters they had created, disasters they had inherited, and ways to avoid disasters. (Ordered DVDs will be mailed directly once they have been purchased. Limited quantities available.)

Networking Events

Networking events are offered to promote collaboration in a social environment, and to enhance your meeting experience. Many of the events are included in your registration fee, and we encourage you to purchase tickets for your guests for all networking events. We recommend that you purchase guest tickets in advance, as they will be available on a very limited basis at the meeting. Attendee name badge or a guest ticket is required for all social events.

AAHS Welcome Reception

Wednesday, January 9  6:30 – 8:00 pm

*New This Year: The Welcome Reception will be held in the Exhibit Hall. Time to catch up with friends, network, and make new contacts within the hand surgery association. Hosted beverages and light appetizers.

AAHS Annual Meeting Dinner Dance

Friday, January 11  7:00 – 10:00 pm

Join your fellow AAHS members, including the President and board members in a fun filled evening of dinner and dancing. Hosted dinner, beverages and musical entertainment.

AAHS/ASRM Golf Tournament

Saturday, January 12  12:00 pm

Cost: $240 fee, $70 club rental

Just minutes from the hotel, the Naples Grande Golf Club is eighteen holes designed by renowned golf architect Rees Jones, who has created an optimum environment for golfers, relying on the natural surroundings and existing foliage. Mature cypress trees and pines are the backdrop for this par 72 course, measuring a maximum of 6,995 yards with a choice of 6 tee boxes. This year’s format is a Shamble, each member of your foursome hits a tee shot. The best drive of the team is selected and all players play their own ball out from that point. Lunch will be provided on the carts.

ASPN/ASRM Welcome Reception

Commercial support received from ASSI

Saturday, January 12  6:00 – 7:30 pm

Cost: 1 ticket included in ASPN and ASRM registration.

Additional adult tickets available @ $50 each; tickets for children and young adults ages 5 - 17 available @ $30 each and include 2 drink tickets.

Gather inside the Vista Room or outdoors on the Sunset Deck to greet fellow attendees and enjoy some musical entertainment. This casual reception will be sure to set the tone for the days of learning ahead.

NEW

ASRM YMG OPEN FORUM & LUNCH

Sunday, January 13  12:00 – 12:45 pm

A Discussion of Your Practice and Politics: Local, Regional and Federal

Invited Lecturer: Bob Murphy, MD

The Young Microsurgeon's group invites you to participate in an open forum specially designed to foster discussion on your practice and politics at the local, regional and federal level with featured guest speaker Dr. Bob Murphy. Admission to the forum is included in the registration fee, however, pre-registration is required.

ASRM Poster Reception

Sunday, January 13  3:45 – 4:30 pm

Get a taste of Florida while you view and discuss fellow attendee's poster presentations. This reception takes place just before the popular Best Case/Best Save event so come early and join us for some networking, food and beverages, Florida style.

ASRM Latin Style Social Event

Monday, January 14  7:00 – 10:00 pm

Cost: 1 ticket included in ASRM registration.

Additional adult tickets available @ $100 each; tickets for children and young adults ages 5 - 17 available @ $50 each and include 2 drink tickets.

Representing Florida's Latin roots, this get up and dance type evening will leave your feet sore and your stomach full. This is one night you won't want to miss.

ASRM Guest Fee

Have your guest or spouse join you for the ASRM social events, breakfasts, and lunches during the official dates of the ASRM Meeting (Saturday-Tuesday). Please see ASRM daily schedules for details. ASRM guests are not eligible to claim CME credit. Any attendee that plans to attend general sessions and claim CME credit must be a healthcare professional and register as a regular attendee. Cost $250 per ASRM Guest.
Situated on the southwestern coast of Florida, Naples is home to some of the most gorgeous beaches in the world. Whether you're looking forward to relaxing on the soft-sand beaches of the Gulf of Mexico, or you're up for some scintillating shopping, nightlife and adventure; everyone in the family will find vacationing in Naples is something truly special. With perfectly warm, average daytime temperatures of 78º F, plan on soaking up some sunshine in your flip flops. Upscale and casual all at the same time, this winter paradise has it all. For valuable information about Naples and the Paradise Coast, visit www.paradisecoast.com/.

Waldorf Astoria Naples
Our host hotel the Waldorf Astoria Naples is a perfect blend of modern luxury and casual elegance. The impeccable service and warm hospitality that makes the Waldorf Astoria Collection so special will most definitely exceed your expectations from the moment you arrive. This inviting beach property sets the standard for both adult and youth enjoyment with its endless water and land activities, casual dining, spacious guest rooms and bungalows and an unmatched level of service and attention. Located near all that Naples has to offer, you can indulge in a unique and truly special resort vacation. Make your reservation as an attendee of the annual meetings and the $30 nightly resort fee will be waived for: in-room wireless, Mac computer station, local & domestic long distance calls, 24-hour fitness center, daily newspaper, in-room coffee, beach tram service, and use of beach chaise and towels at Clam Pass Beach. For more resort information, visit www.waldorfastorianaples.com.

Housing Information
Make your reservation online or contact the hotel directly at 1-239-597-3232 and reference discount group code: AAHS/ASPN/ASRM. Rooms and rates are limited and will be confirmed on a space available basis until Friday, December 14, 2012 or until the block is full, whichever occurs first. You are encouraged to make your reservation as soon as possible to ensure the discounted room rate and availability.

Room Types Available
- Coastal View Room (Floors 3-9): $298.00
- Signature Gulf View Room (Floors 9-18): $305.00
- Bungalow Suite: $399.00

Waldorf Astoria Naples Resort Activities
Stroll down the resort's three-mile stretch of powdery sand beach, rejuvenate at the Golden Door Spa, hit some balls on the Har-Tru courts, learn to paddle board, or ride the 100-foot waterslide. However you choose to spend your free-time, bountiful recreation is in your immediate grasp.

Local Area Activities
Water Sports
Naples is a water town with miles of white-sand beaches. Jet skiing, kayaking, fishing, parasailing, sightseeing cruises featuring sightings of abundant wildlife and spectacular architecture are just a few of the popular water recreation options.

Golf
Naples is home to some of the most beautiful courses in the country. As a Naples staple, golf is abundant and accessible, including the Waldorf Astoria's off-site course, the Naples Grande Golf Club. For a listing Naples courses visit www.naples-florida.com/golf.

Family Recreation and Outdoor Entertainment
Experience a variety of active pursuits at this delightful Florida family vacation spot. With a diverse spectrum of recreational options, lose yourself for a few hours of well deserved fun. Visit www.paradisecoast.com for a more complete list of options.

Corkscrew Swamp Sanctuary | Eco-tours | Everglades | Museums | Naples Zoo at Caribbean Gardens | Marco Island | Sanibel and Captiva Islands | Shopping | Sunset Cruise | Theater and Music | Thomas Edison-Henry Ford Winter Estates

Time Zone
Naples operates on the Eastern Standard Time Zone.

Phone and Internet
Make reservations inside the official AAHS-ASPN-ASRM room block and receive complimentary in-room wireless internet access and U.S. long-distance and local phone calls. You'll need your own device to connect. All meeting attendees will also have access to Wi-Fi and limited computer stations on the meetings and exhibits floor.

Transportation and Airport Shuttle
Transportation Information
Getting around Naples is convenient, safe and economical. From taxis, to trolleys, to rental cars, you can anywhere from the resort all day long. If you plan to rent a car, we suggest you pick one up at the airport. For more information, visit www.paradisecoast.com/cms/a/getting_here.php.

Fort Myers International Airport is Naples' closest commercial airport. One way taxi fare is approximately $60 - $70 plus tip, depending on time of day. Use our discounted shuttle reservation service or select a private vehicle for a more personalized service. Check shuttle schedules and rates, and make reservations at www.dolphinnaples.com; click on Reservations and enter username: Scientific; password Naples.
Membership

American Association for Hand Surgery

The AAHS membership represents a diverse but cohesive mixture of highly respected professionals working in all disciplines of hand surgery and hand therapy. Members include orthopedic surgeons, plastic surgeons, general surgeons, microsurgeons, hand therapists, nurses, and basic scientists from the US, Canada, and many other countries. The AAHS has high standards of excellence for its membership and election to membership is based upon training, board certification, scientific and professional accomplishment, and the degree of active interest and experience in the disciplines related to hand surgery and hand therapy.

If you are interested in becoming a member of the AAHS, please visit the registration desk at the annual meeting, or contact the AAHS Office at (978)927-8330, contact@handsurgery.org or www.handsurgery.org.

American Society for Peripheral Nerve

The American Society for Peripheral Nerve is an organization devoted to the promotion and development of peripheral nerve surgery. The purpose of ASPN is to stimulate and encourage study and research in the field of neural regeneration, to provide a forum for the presentation of the latest research and relevant clinical information and to serve as a unifying authority on all areas of neural regeneration and restorative neuroscience. Join a growing society and contribute to the clinical and research development in the area of peripheral nerve surgery.

If you are interested in becoming a member of ASPN, please visit the registration desk at the annual meeting or contact the ASPN Office at (312)853-4799, contact@peripheralnerve.org or www.peripheralnerve.org.

American Society for Reconstructive Microsurgery

The mission of the American Society for Reconstructive Microsurgery is to encourage, foster and advance the art and science of microsurgical and other complex reconstructions, as well as to establish a forum for teaching, research and free discussion of reconstructive microsurgical methods and principals among the members. The ASRM has been an organization for 29 years and has a strong, growing membership.

If you are interested in becoming a member of the ASRM, please visit the registration desk at the annual meeting, or contact the ASRM Central Office at (312)456-9579, contact@microsurg.org or www.microsurg.org.

Registration

Discounted meeting registration fees are effective through Friday, November 9, 2012. After this date, registration fees will increase by $100 or $125. All registration fees are based on current membership status—see registration form.

Each meeting includes the following:
- Admission to all instructional courses, general session and panels
- Access to speaker presentations
- Breakfast, lunch and refreshment breaks served (see agenda)
- One complimentary ticket to each networking event
- Access to Exhibit Hall
- Free internet access in Exhibit Hall
- 2013 Official Program
- Mobile Application

*Complimentary tickets provided based on the meeting registration type (does not include golf tournament, optional tours or activities).

Meeting registrants will also receive these additional benefits:
- Discounted hotel rates
- Opportunity to participate in group tours and golf tournament
- Opportunity to earn credits for AMA PRA Category 1 Credits™

Additional Courses and Events

The AAHS Comprehensive Hand Surgery Review Course and the ASRM Masters Series require an additional ticket purchase. Additional networking event tickets are available for purchase. See registration form.

How to Register

Online: www.handsurgery.org | www.peripheralnerve.org | www.microsurg.org
Fax: (312)782-0553
Mail: AAHS-ASPN-ASRM Meeting Headquarters
20 N. Michigan Ave, Suite 700
Chicago, IL 60602
Email: laurensnider@isms.org

Registrations will not be accepted via telephone.

Discounted Registration

AAHS, ASPN, and ASRM are offering reduced registration rates on all combination meeting registration. You must register for at least 2 meetings to take advantage of the reduced rates.

Onsite Registration Hours

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, January 8</td>
<td>4:00 pm – 7:00 pm</td>
</tr>
<tr>
<td>Wednesday, January 9</td>
<td>6:30 am – 3:00 pm</td>
</tr>
<tr>
<td>Thursday, January 10</td>
<td>6:30 am – 3:00 pm</td>
</tr>
<tr>
<td>Friday, January 11</td>
<td>6:30 am – 6:00 pm</td>
</tr>
<tr>
<td>Saturday, January 12</td>
<td>6:30 am – 6:00 pm</td>
</tr>
<tr>
<td>Sunday, January 13</td>
<td>6:30 am – 2:30 pm</td>
</tr>
<tr>
<td>Monday, January 14</td>
<td>6:30 am – 5:30 pm</td>
</tr>
<tr>
<td>Tuesday, January 15</td>
<td>6:30 am – 12:00 pm</td>
</tr>
</tbody>
</table>

Cancellation Policy

Cancellations must be received in writing via fax, mail or email to the address above, prior to November 9, 2012 and are subject to approval by the AAHS/ASPN/ASRM. If approved, refunds will be issued less a $75 processing fee. Cancellation requests received after November 9, 2012 will not receive a refund; no exceptions.
# 2013 AAHS/ASPN/ASRM Annual Meeting Registration Form

I am a member of [check all that apply]: □ ASPS ID# □ AAHS ID# □ ASPN ID# □ ASRM ID#

<table>
<thead>
<tr>
<th>FIRST NAME</th>
<th>LAST NAME</th>
<th>DESIGNATION/TITLE</th>
<th>BADGE NICKNAME</th>
</tr>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>SUITE NUMBER</th>
<th>STREET ADDRESS</th>
<th>CITY</th>
<th>STATE</th>
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<th>COUNTRY</th>
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<table>
<thead>
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<th>PHONE</th>
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<th>EMAIL</th>
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</table>

If under the American Disabilities Act, you require specific aids, devices or other accommodations to fully participate in this meeting, please specify:

- Wheelchair
- Assisted Listening Device
- Other _________________________

If you require special meal considerations please specify your special dietary requirements:

- Vegetarian
- Kosher (additional fee may apply)
- Other _______________________________________________________________

## PHYSICIAN/MEDICAL PERSONNEL REGISTRATION

<table>
<thead>
<tr>
<th>AAHS/ASPN/ASRM Member Category</th>
<th>AAHS</th>
<th>ASPN</th>
<th>ASRM</th>
<th>AAHS &amp; ASPN</th>
<th>AAHS &amp; ASRM</th>
<th>ASPN &amp; ASRM</th>
<th>AAHS, ASPN &amp; ASRM</th>
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<tr>
<td>Active Member</td>
<td>$800</td>
<td>$545</td>
<td>$700</td>
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<td>Candidate Member</td>
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<td>Affiliate/Associate Member</td>
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<td>$940</td>
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<td>Argentine Society Member</td>
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<tr>
<td>AAHS Retired Member</td>
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<tr>
<td>International/Corresponding Member</td>
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<td>Non-Member Allied Health Professional</td>
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<tr>
<td>Resident/Fellow (with verification letter from program chief)</td>
<td>$150</td>
<td>$445</td>
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<td>Medical Student</td>
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<tr>
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<td>$1,715</td>
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<tr>
<td>Asrm Applicant (application on file required)</td>
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<td>n/a</td>
<td>$1,350</td>
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<td>$2,115</td>
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| AAHS Therapist Specialty Day ONLY | $200 | n/a  | n/a  | n/a         | n/a         | n/a          |                   |

ADDITIONAL FEE AFTER 11/9/12 Add:  $125 $100 $125 $125 $125 $100 $125

**REGISTRATION FEE SUBTOTAL $**

## ADDITIONAL COURSES (check all that apply)

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<th>Pg. #</th>
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<tr>
<td>14</td>
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**TOTAL ADDITIONAL COURSE SUBTOTAL $**

## OPTIONAL TOURS AND ACTIVITIES FEE

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<thead>
<tr>
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<tr>
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**OPTIONAL TOURS AND ACTIVITIES SUBTOTAL $**

## DUES PAYMENTS

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Total Fee</th>
</tr>
</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>Dues Payments</th>
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<tbody>
<tr>
<td>AAHS Active ($440)</td>
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<tr>
<td>AAHS Affiliate ($195)</td>
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<tr>
<td>AAHS International ($295)</td>
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<tr>
<td>ASRM Active ($295)</td>
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<tr>
<td>ASRM Associate ($295)</td>
</tr>
<tr>
<td>ASPN Active ($200)</td>
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<tr>
<td>ASRM Corresponding ($245)</td>
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<tr>
<td>JRM ($178)</td>
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**EDUCATIONAL RESOURCES SUBTOTAL $**

## DONATIONS

<table>
<thead>
<tr>
<th>Amount</th>
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<tbody>
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<table>
<thead>
<tr>
<th>DONATIONS</th>
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</thead>
<tbody>
<tr>
<td>AAHS Hand Surgery Endowment Donation</td>
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<tr>
<td>ASPM Godina Fellowship Donation</td>
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<tr>
<td>ASRM Endowment Fund</td>
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**DONATIONS SUBTOTAL $**

## ADDITIONAL NETWORKING EVENT TICKETS *one ticket is included with registration fee

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Total Fee</th>
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<tbody>
<tr>
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<table>
<thead>
<tr>
<th>ADDITIONAL NETWORKING EVENT TICKETS</th>
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</thead>
<tbody>
<tr>
<td>AAHS Adult Guest/Spouse Fee (Social Events, Breakfast &amp; Lunches)</td>
</tr>
<tr>
<td>AAHS Child Guest Fee (Social Events, Breakfast &amp; Lunches)</td>
</tr>
<tr>
<td>ASPM/ASRM Welcome Reception* (Adult)</td>
</tr>
<tr>
<td>ASPM/ASRM Welcome Reception (Child)</td>
</tr>
<tr>
<td>ASRM Social Event (Adult)</td>
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<tr>
<td>ASRM Social Event (Child)</td>
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**NETWORKING EVENT TICKET SUBTOTAL $**

**GRAND TOTAL $**

## PAYMENT

- Check
- Visa
- MasterCard

NAME ON CARD

ACCOUNT NUMBER | EXPIRATION DATE | SECURITY CODE |
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BILLING ADDRESS

<table>
<thead>
<tr>
<th>CITY</th>
<th>STATE</th>
<th>ZIP CODE</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

SIGNATURE

Please Send All Joint Meeting Registration forms to AAHS/ASPN/ASRM Headquarters:

20 N. Michigan Ave, Suite 700 Chicago, IL 60602 or Fax to (312) 782-0553
Instructional Courses Registration Form

AAHS Program

Wednesday, January 9 7:00 am - 8:00 am
- 101 Current Concepts on the Treatment of Distal Radius Fractures
- 102 Rehabilitation after Nerve Transfer
- 103 The Weird, The Wacky, and The Ugly: Skin Lesions That Frequent The Hand Surgeon
- 104 Basal Joint OA Conservative Management
- 105 MSK Ultrasound
- 106 Dupuytren’s, NA, Enzymes, Splinting, or Surgery (Asleep and Awake)?

Thursday, January 10 7:30 am - 8:30 am
- 107 Metacarpal Fracture (ABPS MOC - 7:00am)
- 108 The Scaphoid: Treatment of the Entire Spectrum: From Fresh Fractures, to Stable Scaphoid Nonunions, to Unstable Scaphoid Nonunions with AVN and Humpbacked Collapse
- 109 Pediatric Hand: Soft Tissue Injuries, Fractures, and Complications
- 110 Tendon Transfers for Tetraplegia - an Overview
- 111 Diagnosis and Treatment of Hand and Wrist Injuries in Elite Contact Sports Athletes
- 112 DRUJ Instability

Friday, January 11 7:00 am - 8:00 am
- 113 Basal Joint Arthroplasty (ABPS MOC - 6:30am)
- 114 Recurrent Ulnar Neuropathy
- 115 Nerve Repair Reconstruction; Conduits/Allograft
- 116 Vascular Disorders of the Upper Extremity: Diagnosis and Management
- 117 The Smashed Elbow
- 118 Workers’ Compensation: Legal and Psychological Issues Impacting Our Care

AAHS / ASPN / ASRM Combined Program

Saturday, January 12 7:00 am – 8:00 am
- 201 Common Nerve Transfers to Restore Upper Extremity Function: Indications, Surgical Options and Post-Operative Therapy
- 202 Brachial Plexus Update
- 203 Targeted Reinnervation
- 204 Cortical Reorganization
- 205 Ring Avulsion Injuries: Technique and Outcome
- 206 Future Microsurgical Training: Training Microsurgeons in the Era of Duty Hours, Patient Safety and Quality Improvement

ASPN Program

Friday, January 11 12:45 pm – 2:00 pm
- 301 Nerve Transfers in Tetraplegia - The New Frontier
- 302 Nerve Imaging
- 303 QBPP

Sunday, January 13 7:00 am – 8:00 am
- 304 Outcome Measurement
- 305 Tissue Engineering and Nerve
- 306 Nerve Vs. Tendon Transfer
- 307 Nerve Surgery of the Future

ASRM Program

- YMG Open Forum - Lunch, Sunday, January 13, 12:00 pm - 12:45 pm (included in registration)

Sunday, January 13 12:45 pm - 2:00 pm
- 401 Atypical Microsurgical Indications
- 402 Facial Reanimation in the Oncologic Setting
- 403 Management of Sarcoma Reconstruction of Extremities and the Thoracic Wall/Trunk
- 404 Tips & Tricks for Approaching Unusual Replantations
- 405 Reimagining Alternative Anastomotic Techniques to Direct Suture Approximation
- 406 Technical Aspects of Face Transplantation
- 407 Getting Published in Reconstructive Surgery: What You Need To Know To Succeed

Monday, January 14 7:00 am - 8:15 am
- 408 Computer Aided Design/Modeling in Complex Craniofacial Reconstruction
- 409 Profitability and Microsurgical Breast Reconstruction: Oxymoron or Reality?
- 410 Trachea Reconstruction
- 411 Medial Femoral Condyle Vascularized Bone Flaps: Expanding Indication and Applications
- 412 Innovations in Facial Reconstruction
- 413 Refinements in Toe Transfer, Minimizing Morbidity and Improving Aesthetics

Tuesday, January 15 7:00 am - 8:15 am
- 414 Decision Making and Ethical Aspects in Palliative Reconstructive Microsurgery
- 415 Venous Flaps: When, Where and Why to Use them in Hand Reconstruction
- 416 Aesthetic, Functional and Technical Evolution in Mandible and Maxilla Reconstruction in the Last Two Decades
- 417 Vascularized Bone Flaps Vs. Bone Grafts Vs. Alloplastic Reconstruction in Cranioplasty
- 418 Minimally Invasive Flap Harvest: Big Flaps, Small Incisions
- 419 Vascularized Lymph Node Transfer for the Treatment of Lymphedema: Controversies in Safety and Efficacy
- 420 Controversies in Autogenous Breast Reconstruction

2014 AAHS ASPN ASRM ANNUAL MEETINGS

January 8–14, 2014
Grand Hyatt Kauai Resort & Spa
Kauai, Hawaii