



Leaders in microsurgery
and reconstruction

**Autumn-Winter
2017**

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Reconstructive Microsurgery

THE AMERICAN SOCIETY FOR RECONSTRUCTIVE MICROSURGERY • VOLUME 28.2

PRESIDENT'S MESSAGE

Planning for Our Future



**David W. Chang,
MD**
President

It has been my great honor to serve as the President of ASRM for 2017. We have accomplished many meaningful things this year. We have formed an Outreach Committee (inaugural chair Liza Wu) that will encourage, foster and make it easier for our members to engage in various serving opportunities nationally and globally. To initiate this effort, we have partnered with ReSurge (CMO James Chang) to create the MicroSurge Visiting Educator Program that will bring our members' skills to those in need around the world. This opportunity is generously sponsored by Synovis and Mitaka USA.

The future of our organization and our field depends on our younger generation of reconstructive surgeons. We have created the "Council Member-in-Training" position within the executive council to provide leadership experience and to help develop a young member into a future leader of the organization.

It is important for us to continue to collaborate with other organizations and

to look for new opportunities for our members to advance the art and science of microsurgery and complex reconstruction. For the past 2 years, we have been working with LE&RN (Lymphedema Education and Research Network) to develop a joint research grant, and this year we will start to accept the applications for this new program. We owe a big debt of gratitude to Paul Cederna, the chair of the Education Committee, for working with LE&RN to make this new joint venture possible.

It is critical to ASRM's mission to continue to support education programs such as Research Grants, Travel Grants, and the Visiting Professor Programs. To provide these great opportunities we need strong financial support from our members. To make giving easier, we have made it possible for our members to donate publicly traded assets, such as stocks and mutual funds, to our Future Growth Fund. This opportunity allows our donors to avoid the capital gains tax, and ASRM can then convert the assets into cash to further grow the Future Growth Fund.

This has also been a challenging year. We had originally planned our annual meeting at the El Conquistador Hotel in

continued on next page

**RECONSTRUCTIVE
MICROSURGERY**

Autumn/Winter 2017

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The views expressed in articles, editorials, letters and or publications published by ASRM are those of the authors and do not necessarily reflect the society's point of view.

The mission of the American Society for Reconstructive Microsurgery is to foster excellence and innovation in microsurgery and reconstructive surgery. ASRM upholds the values of Integrity, Collegiality, Scholarship and Innovation.

PRESIDENT'S MESSAGE *Continued from page 1*

Puerto Rico. First there was a challenge of overcoming travel ban due to Zika epidemic. Then the island was hit with 2 hurricanes in a very short time, Irma and then Maria, which devastated the infrastructure of Puerto Rico and left numerous people without a home or power. Our hearts go out to the people of Puerto Rico. We received many messages from our members on how we can be involved in helping with the recovery of the island. With the unanimous approval of the ASRM executive council, we will be donating 5 percent of registration fees collected from the upcoming Annual Meeting to the American Red Cross to support the rebuilding of Puerto Rico.

We were very fortunate to be able to find a new location at the Arizona Biltmore Hotel, in Phoenix, to host our annual meeting. It is a beautiful resort designed by legendary architect Frank Lloyd Wright. We should all be grateful for the incredible hard work and quick action by Krista Greco and her staff to make this transition possible. I am very excited about our program. First, there

will be a presymposium on Lymphatic Surgery jointly organized by WSRM and ASLS. Then there is the always popular Masters Series, which is organized by David Song this year. Program co-chairs JP Hong and Julie Park have created a great scientific program that will highlight our innovations and how our members have interacted and shared their ideas, expertise and resources to further the education and training of our residents, fellows and colleagues to promote excellence in reconstructive microsurgery. We also have a great entertainment and social program planned, highlighted by special musical guest Greg Buncke and the "Switchblade Nixon".

Please join me in our annual celebration of reconstructive microsurgery at the Arizona Biltmore in Phoenix, January 13-16, 2018.

Sincerely,
David W. Chang

RM

ASRM Merchandise

Show Your Support for the Future Growth Fund by wearing ASRM logo items!

**ASRM Tie
(in Navy or Light Blue)
and ASRM Cufflinks**

To purchase merchandise, please visit our website at
www.microsurg.org/join/asrm-merchandise/

A MESSAGE FROM THE 2018 PROGRAM CO-CHAIRS

The Annual Meeting Goes On as Planned – in Phoenix!



Joon Pio (JP) Hong, MD, PhD
2018 Scientific Program Co-Chair



Julie E. Park, MD, FACS
2018 Scientific Program Co-Chair

As we all know by now, the 2017 hurricane season hit Puerto Rico hard. It became clear that we would not be able to hold our meeting in Fajardo as planned. Thanks to quick scouting and tireless negotiations by Krista Greco and her counterparts in our partner associations, the entire program was deftly routed to sunny Arizona. We are pleased to once again invite you to participate in the 2018 ASRM Annual Meeting to be held January 13-16, 2018, at the beautiful Arizona Biltmore Hotel in Phoenix.

The theme of this year's meeting, "Achieving Excellence Through Serving and Sharing," highlights how we share our passion for reconstruction with the world and continually strive for excellence. We will maintain the high quality programming that has made this meeting so popular among microsurgeons while introducing new exciting elements. This year's Masters Series, the "Consistency of the Masters," will have the leaders in our field show videos and results of five consecutive cases to give strategies and pearls for achieving the best results all the time. The "Young Microsurgeons Group Forum" promises to continue more interaction with seasoned surgeons, while the ever popular "Sewing with the

Masters" offers one-on-one time with senior microsurgeons to continue to provide insight and new knowledge to your practice. A pre-meeting symposium is being planned with our partners American Society for Lymphatic Surgery and WSRM on advanced lymphatic surgery on Friday afternoon. On Saturday, our combined panel with AAHS and ASPN will focus on Targeted Muscle Reinnervation. Programming such as "Best

Case/Best Save," the Godina Lecture, the Womens Microsurgery Group lunch panel, and our "Science Slam: Presentations" will provide stimulating variety for meeting attendees.

The meeting promises to be comprehensive and fun as we celebrate the creativity in all of aspects of microsurgery.

We look forward to seeing you in Phoenix in January! **RM**

ASRM DAY AT THE LINKS

SATURDAY, JANUARY 13 | 1:00 PM

Join us for the Hand Surgery Endowment and the American Society for Reconstructive Microsurgery Fundraiser Golf Tournament, to be held at the Arizona Biltmore Golf Club. Whether it's driving on stately fairways or taking chip shots on well-bunkered greens, your time on the course will be unforgettable.

Cost is \$300 per player and is inclusive of greens fees, cart, use of practice facility and lunch. Proceeds will be donated to the Hand Surgery Endowment and ASRM Future Growth Fund.

Visit www.microsurg.org to sign up when you register, or **click here** to register just for the golf tournament.



FROM THE EDITOR

In the Face of Tragedy



Liza C. Wu, MD
Editor

Our country is recovering from a string of both natural and human forged tragedies. It seems like these days, when we read our feeds or turn on the news, that something catastrophic is going on somewhere in the world. More now than ever, we feel even more connected to these tragedies because of how much smaller our worlds have become and how large in magnitude the events are. Many of us have friends or know colleagues who

have been displaced because of Hurricane Harvey or have lost their homes in the Northern California wildfires. Some of us watched tragedy unfold first hand in Orlando and Las Vegas. Puerto Rico is still suffering the effects of Hurricane Maria. I know many of us ask ourselves what we can do to help. Some people donate money and supplies. Some people volunteer services. Most of us mourn and move on. As president of the ASRM, Dr. David Chang's vision of service and outreach could not be more timely.

As we shift our sights to Phoenix for the January 2018

meeting, we will not forget the devastation and ongoing struggle that continues in Puerto Rico. The ASRM plans to donate a portion of the meeting fees to fund relief efforts. We will also announce the new program and first recipients of the MicroSurge Visiting Educator experience, a new partnership between ASRM and ReSurge that sends an ASRM member to teach microsurgical skills to those in need around the world. In the face of tragedy, we mourn, we help, and we grow. We look forward to your attendance in January 2018 in Phoenix. **RM**

2018 ASRM ANNUAL MEETING

Become a Microsurgery Jedi: Sign Up for Sewing With the Masters!



Gordon K. Lee, MD, FACS

On the Big Island of Hawaii at ASRM 2017, we brought back by popular demand "Sewing With the Masters." Masters of microsurgery came from all over the world to the Aloha state to work across from the 'scopes with registered attendees of the meeting. Participation was open to all and included medical students, residents, fellows, and practicing surgeons. This was a fantastic collaboration by our industry partners in the exhibit hall who allowed

us to use state-of-the-art microscopes, sutures and equipment. Thank you to Mitaka, Synovis MCA, Surgical Specialties and ASSI for their support. In addition, thanks to all of the "Masters" faculty who held 20-minute sessions with participants. There was great interchange of information and many practical skills, tips, and tricks were shared during the sessions. Everyone had fun and learned a lot. Many participants could be seen taking their pictures with the Masters. King Kamehameha would have been proud!

This program has received such positive feedback by everyone involved that we will not only continue it but will expand it with more 15-minute sessions at ASRM 2018! Registered meeting attendees can sign up for a Sunday or Monday morning session to work under the 'scope with a Master. The Force awakens within you! Participants can also practice super-microsurgery and become a Super Jedi. Be sure to sign up asap though, as sessions fill up fast. If you'd like more information about Sewing With the Masters, please feel free to contact the ASRM office. **RM**

2018 ASRM ANNUAL MEETING PROGRAM-AT-A-GLANCE



33rd Annual Meeting of the American Society for Reconstructive Microsurgery

**“Achieving Excellence Through
Serving and Sharing”**

January 13-16, 2018

The Arizona Biltmore Hotel, Phoenix, Arizona

Friday, January 12, 2018

AFTERNOON



**ASRM Lymphatic Surgery
Symposium: A Collaboration
with World Society for
Reconstructive Microsurgery /
American Society for Lymphatic
Surgery**

(Separate Registration Required)

WSRM President: *Isao Koshima, MD*
ASLS Chair: *Joseph Dayan, MD*

Understanding Lymphatic System and Lymphedema

Moderator: *David W. Chang, MD, FACS*. Panelists: *Babak Mehrara, MD; Alex Wong, MD*

Imaging Lymphatic System

Moderator: *Ketan M. Patel, MD*. Panelists: *Peter C. Neligan, MD, FACS; Takumi Yamamoto, MD, PhD*

LVA

Moderator: *Isao Koshima, MD*. Panelists: *Corradino Campisi, MD; Isao Koshima, MD; Kiyoshi Yamada, MD*

VLNT

Moderator: *Bernard T. Lee, MD*. Panelists: *Ming-Huei Cheng, MD; Joseph Dayan, MD; Rebecca Garza, MD; Alexander Nguyen, MD; Mark L. Smith, MD; Roman Skoracki, MD*

Saturday, January 13, 2018

MORNING

AAHS/ASPN/ASRM Joint Programming Instructional Course Topics

- **Upper Extremity Soft Tissue Reconstruction – Coverage and Functional Muscle Transfers**

Chair: Milan Stevanovic, MD. Instructors: Carla Baldrighi, MD; Mario Cherubino, MD; Gunter Germann, MD; Gary S. Solomon, MSOT, MBA

- **Soft Tissue Coverage of the Hand – Flaps Every Hand Surgeon Should Know**

Chair: Bauback Safa, MD. Instructors: Roberto Adani, MD; Mark Henry, MD; Stephanie N. Kannas, OTR/L, CHT; Edward M. Reece, MD

- **Chronic Ischemia in the Upper Extremity – Management of Vascospastic and Occlusive Disease**

Chair: James P. Higgins, MD. Instructors: Cynthia C. Ivy, OTR/L, CHT; Ryan Katz, MD; Wendell Merritt, MD

- **Novel Surgical Approaches for Headache Management**

Chair: Ivica Ducic, MD, PhD. Instructors: Robert R. Hagan, MD; Ziv M. Peled, MD

- **Nerve Transfers Following Spinal Cord Injury**

Chair: Kristen Davidge, MD. Instructors: Catherine Curtin, MD; Ida K. Fox, MD; Wilson Z. Ray, MD

- **Sense and Sensibility: Sensory Reinnervation of the Breast**

Chair: Aldona J. Spiegel, MD. Instructors: Risal S. Djohan, MD; Aldona J. Spiegel, MD; Stefania Tuinder, MD, PhD

- **Soft Tissue Coverage for Upper and Lower Extremity Trauma**

Chair: Gregory M. Buncke, MD. Instructors: Pedro C. Cavadas, MD, PhD; Guenter Germann, MD; William C. Pederson, MD

- **Innovations in Microsurgery**

Chair: Jesse C. Selber, MD, MPH. Instructors: Paul Cederna, MD, FACS; Tom Van Mulken, MD; Ian L. Valerio, MD

AAHS/ASPN/ASRM Combined Panel: Targeted Muscle Reinnervation

Moderator: *Paul Cederna, MD, FACS*. Panelists: *Oskar C. Aszmann, MD; Gregory A. Dumanian, MD; R. Glenn Gaston, MD*

Joint Presidential Keynote Lecture:

Jeff Karp, PhD

“Towards Accelerated Biomedical Innovation”

AAHS/ASPN/ASRM Joint Outstanding Paper Session

continued on next page

SATURDAY, JANUARY 13

Joint Presidential Keynote Lecture

Jeff Karp, PhD



“Towards Accelerated Biomedical Innovation”

Scientists have something in common with professionals in business, government and beyond. We all need to solve problems, but we're tempted to get comfortable with a limited “toolbox” of techniques and approaches. No matter our field, it can be difficult to break out of our old limitations and achieve something new and different. In this talk, Prof. Karp reveals two of the most powerful “tools” used by his bio-research lab to solve problems in innovative ways, on a continuing basis. The first tool is bioinspiration—the art and discipline of adapting proven-effective techniques, materials, designs and concepts from nature to provide the foundation for a bold new human-designed solution. For example, creatures like slugs and snails have provided inspiration for a next generation surgical adhesive. The second tool is radical simplicity—the art and discipline of reducing a problem to its essence. Dr. Karp has harnessed this tool to develop prophylaxis technologies for contact dermatitis that were rapidly advanced to the market and are being used in multiple countries and therapeutic strategies to combat inflammatory bowel disease that are advancing to clinical studies. Jeff explains how his team has employed these tools and how they can succeed in any field. This talk opens exciting new paths to the continual innovation that is so important in today's fast-changing world.

Saturday, January 13, 2018 (continued)

AFTERNOON

ASRM Master Series in Microsurgery: Consistency of the Masters

(Separate Registration Required)

Chair: David H. Song, MD, MBA

Introduction David H. Song, MD, MBA

Supraclavicular Lymph Node Transfer
David W. Chang, MD, FACS

Superficial Circumflex Perforator Flap
Joon Pio (JP) Hong, MD

Medial Femoral Condyle Flap James P. Higgins, MD

Phalloplasty Bauback Safa, MD, MBA

DIEP Flap Joan E. Lipa, MD, FRCS

Lympho-Venous Bypass Isao Koshima, MD

Anterior-Lateral Thigh Flap Peirong Yu, MD, FACS

2018 PROGRAM-AT-A-GLANCE (continued)

Finger Replantation Gregory M. Buncke, MD

Nerve Surgery Paul Cederna, MD, FACS

Conclusion David H. Song, MD, MBA

EVENING

ASRM Young Microsurgeons/New Member Reception

Supported by Synovis Micro Companies Alliance, Inc.

All young microsurgeons and new members of the ASRM are invited to attend a reception to network and meet fellow members.

ASPN/ASRM Welcome Reception

Supported by Accurate Surgical and Scientific Instruments, Corp.

Sunday, January 14, 2018

MORNING

ASRM Breakout Panels:

- **Blink: In Case You Missed It**

Moderator: Michael Klebuc, MD. Panelists: Gregory H. Borschel, MD, FACS; Andres Rodriguez Lorenzo, MD, PhD

- **An Algorithmic Approach to Deciding which Lymphedema Surgery a Patient Needs**

Moderator: David W. Chang, MD, FACS. Panelists: Ming-Huei Cheng, MD; Jaume Masia, MD, PhD; Roman Skoracki, MD, FRCSC

ASRM Scientific Paper Presentations: Head and Neck

ASRM Sewing with the Masters

Supported by Mitaka USA, Inc.; Synovis Micro Companies Alliance, Inc.; Accurate Surgical and Scientific Instruments, Corp.; WetLab Corporation; and Surgical Specialties

(Separate Registration Required)

Perfect your techniques during a private, 15-minute live scope session with a master of microsurgery.

ASRM President and Program Chairs Welcome

Meeting Theme: Achieving Excellence Through Serving and Sharing

David W. Chang, MD, FACS, President
Julie Park, MD, Scientific Program Co-Chair
Joon Pio (JP) Hong, MD, Scientific Program Co-Chair

ASPN/ASRM Combined Panel: Facial Reanimation

Moderator: Ronald M. Zuker, MD, FRCSC. Panelists: Gregory H. Borschel, MD, FACS; David Chwei-Chin Chuang, MD; Shai Rozen, MD

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2018 PROGRAM-AT-A-GLANCE (continued)

ASPN/ASRM Combined Scientific Paper Presentations**ASRM President's Invited Lecture:
Gregory M. Buncke, MD****WMG Lunch Series: Work Life Balance
or Juggling Act?**

(Separate Registration Required)

Moderator: Joan E. Lipa, MD, FRCS. Panelists: Anuja Bajaj, MD; Aldona J. Spiegel, MD; Liza C. Wu, MD, FACS

AFTERNOON

**ASRM YMG and WMG Joint Forum: Ergonomics
and the Microsurgeon**

Moderator: Jon Ver Halen, MD. Panelists: Jack Dennerlein, PhD; Susan Hallbeck, PhD; Valerie Lemaine, MD

**ASRM Scientific Paper Presentations:
Breast/Extremities****ASRM Breakout Panels:****• Beauty and the Breast: Intraoperative and
Secondary Considerations to Optimize the
Aesthetics of Breast Reconstruction**

Moderator: Joan E. Lipa, MD, FRCS. Panelists: Mihye Choi, MD; David T. Greenspun, MD, MSc; Aldona J. Spiegel, MD

• The Aesthetics of Head and Neck Reconstruction

Moderator: Amir H. Dorafshar, MBChB, FACS.
Panelists: Jong Woo Choi, MD; Matthew M. Hanasono, MD; Roman Skoracki, MD, FRCSC

**• Reconstructive Algorithm for Lower Extremity Flap
Selection: From Local to Free and Beyond**

Moderator: Geoffrey G. Hallock, MD.
Panelists: Pedro C. Cavadas, MD, PhD; Karen Evans, MD; Stephen J. Kovach, III, MD

• So You Want to Set Up a Lymphedema Practice?

Moderator: Mark L. Smith, MD. Panelists: Wei F. Chen, MD; Joseph H. Dayan, MD; Ketan M. Patel, MD

**• Selecting the Ideal Flap for Phalloplasty: Functional,
Aesthetic and Patient Considerations**

Moderator: Lawrence J. Gottlieb, MD, FACS. Panelists:
Lawrence J. Gottlieb, MD, FACS; Bauback Safa, MD, MBA; Christopher J. Salgado, MD; Sinikka Suominen, MD

• The Latest in Abdominal Wall Reconstruction

Moderator: David W. Mathes, MD. Panelists: Charles E. Butler, MD; Gregory A. Dumanian, MD; David Ross, MD, FRCS(Plast)

ASRM Best Case/Best Save

Supported by Synovis Micro Companies Alliance, Inc.

Chair: Michael R. Zenn, MD, MBA



SUNDAY, JANUARY 14

**ASRM President's
Invited Lecture****Gregory M. Buncke, MD**

Dr. Buncke is Director of The Buncke Clinic and Chairman of the Department of Plastic Surgery, California Pacific Medical Center. After graduating from the Georgetown University School of Medicine, Dr. Buncke completed a plastic surgery residency at Stanford University and finished his training in a hand/microsurgical fellowship with Harry J. Buncke MD in San Francisco. His interests are in most aspects of reconstructive microsurgery and he is especially interested in teaching and promoting the next generation of microsurgeons.

Monday, January 15, 2018

MORNING

ASRM Breakout Panels:**• How Low Can You Go? Reconstruction of Nipple
Sparing Mastectomies in Ptotic Patients**

Moderator: Amy S. Colwell, MD, FACS. Panelists: Amy S. Colwell, MD, FACS; Dung Nguyen, MD; Hakim Said, MD

• Perforator Flaps of the Face

Moderator: Peter C. Neligan, MD, FACS. Panelists: Lawrence J. Gottlieb, MD, FACS; Gudjon Gunnarsson, MD; TC Teo, MD

• Sarcoma Reconstruction of the Extremities

Moderator: Guenter Germann, MD. Panelists: Thomas Hayakawa, FRCSC, MD; Marco Innocenti, MD; L. Scott Levin, MD, FACS

• Optimizing Speech and Swallow

Moderator: Peirong Yu, MD, FACS. Panelists: Hung-Chi Chen, MD, PhD; Katherine A. Hutcheson, PhD; Mario G. Solari, MD; Jan Jeroen Vranckx, MD, PhD

• Microsurgery Outside the Halls of Academia

Moderator: Anureet K. Bajaj, MD. Panelists: Bernard W. Chang, MD; John Hijawi, MD, FACS; Charles K. Lee, MD

• Baby's Got Back: Posterior Trunk Reconstruction

Moderator: Koenraad Van Landuyt, MD, PhD. Panelists: Scott Hollanbeck, MD; David W. Mathes, MD; Michel Saint-Cyr, MD, FRCSC

continued on next page

2018 PROGRAM-AT-A-GLANCE (continued)

Monday, January 15, 2018 (continued)

**ASRM Scientific Paper Presentations:
Lymphedema**

ASRM Sewing with the Masters

Supported by Mitaka USA, Inc.; Synovis Micro Companies Alliance, Inc.; Accurate Surgical and Scientific Instruments, Corp.; WetLab Corporation; and Surgical Specialties

(Separate Registration Required)

Perfect your techniques during a private, 15-minute live scope session with a master of microsurgery.

**Association of Latin-American Microsurgery Panel:
Latin America and Microsurgical Innovations**

Moderator: Eric Santamaria, MD. Panelists: Alexander Cárdenas, MD; Bruno Dagnino, MD; Mauricio Mendieta, MD, FICS; Giovanni Montealegre, MD; Eric Santamaria, MD



MONDAY, JANUARY 15

Godina Lecture

Liza C. Wu, MD

Marko Godina was a visionary reconstructive micro-surgeon, an insightful and enthusiastic teacher, and a remarkable man. He led the way for a generation of microsurgeons in understanding the care and treatment of complex extremity injuries through early reconstructive microsurgery. ASRM honors the memory of Marko through an ongoing investment into promising, upcoming, committed surgeons, who will, through study and investigation, continue to expand the horizons of our field. In this regard, the Godina Traveling Fellow has been established to allow a deserving individual, chosen by the ASRM to travel among numerous microsurgical centers.

Dr. Liza Wu is an Associate Professor of Plastic Surgery at the University of Pennsylvania Health Systems. She received her medical degree and plastic surgery training at the University of Chicago Hospitals followed by a microsurgery fellowship at MD Anderson Cancer Center. She has also most recently completed a surgical oncology fellowship in breast as well at UPenn. Her practice involves the surgical management of the breast cancer patient with a high concentration of microsurgery. She is the American Society of Reconstructive Microsurgery 2017 Godina Traveling Fellow.

**ASRM William A. Zamboni Visiting Professors
Presentation**

Moderator: Gordon K. Lee, MD. Panelists: Gregory R. D. Evans, MD, FACS; Randy Sherman, MD

**Presidential Panel: Achieving Excellence Through
Serving and Sharing**

Moderator: David W. Chang, MD, FACS. Panelists: David W. Chang, MD, FACS; Adam Maciejewski, MD; Peter Nthumba, MD; Joon Pio (Jp) Hong, MD

ASRM Presidential Ceremony

**ASRM YMG Panel: To Evolve is to Change: Lessons
Learned in the Last 12 Months of My Practice**

Moderator: Jon Ver Halen, MD. Panelists: Edward I. Chang, MD, FACS; Jeffrey H. Kozlow, MD, MS; Theodore A. Kung, MD; Minh-Doan Nguyen, MD, PhD

ASRM Scientific Paper Presentations: CTA/VCA

AFTERNOON

ASRM Business Meeting

**ASRM Panel: CPR vs DNR: Reviving the Failing
Flap vs. Throwing it in the Bucket**

Moderator: James P. Higgins, MD. Panelists: Matthew M. Hanasono, MD; L. Scott Levin, MD, FACS; Liza C. Wu, MD, FACS

**ASRM Scientific Paper Presentations:
Microsurgical Practice & Patient Safety**

Godina Lecture: Liza C. Wu, MD

Science Slam: Presentations

EVENING

ASRM Women's Microsurgery Group Reception

Supported by Integra

All woman microsurgeons and their families are welcome to join the Women's Microsurgery Group for cocktails and family-friendly fare.

Godina Alumni Club Reception

Sponsored by Synovis Micro Companies Alliance, Inc.

Sewing With the Masters Reception

Supported by Mitaka USA, Inc.

ASRM Celebration!

**Featuring musical guest Greg Buncke and
"Switchblade Nixon"**

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TUESDAY, JANUARY 16

Buncke Lecture

Supported by the California Pacific Medical Center

**Lawrence J. Gottlieb, MD,
FACS**

The Harry J. 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 played a major role in the development of our specialty and helped develop several microsurgical laboratories across the globe. He influenced countless residents and fellows as well as numerous department chairs throughout the world. Lawrence J. Gottlieb, MD, FACS has been selected to give the 2018 annual Buncke Lecture.

As faculty at the University of Chicago Section of Plastic and Reconstructive Surgery over the past 33 years, and as former Chief of the section and program director of the reconstructive microsurgery fellowship and current Director of the Burn and Complex Wound Center, Dr. Gottlieb has been a pillar of resident and fellow education, motivating dozens of trainees to pursue careers in reconstructive microsurgery. Many have progressed to become regional, national, and international leaders in the field. Beyond direct care for thousands of patients, he has presented his work and insightful approach through hundreds of oral presentations, over 120 peer-reviewed publications, and 50 book chapters, inspiring paradigm shifts in the reconstruction process.

Tuesday, January 16, 2018

MORNING

ASRM Breakout Panels:

- **Through Thick and Thin: Autologous Breast Reconstruction at the Extremes of BMI**
Moderator: Stefan O.P. Hofer, MD, PhD. Panelists: Gordon K. Lee, MD; Joseph M. Serletti, MD, FACS; Toshihiko Satake, MD
- **Midface Reconstruction**
Moderator: Matthew M. Hanasono, MD. Panelists: Jamie P. Levine, MD; Eric Santamaria, MD
- **Sweet Feet: Reconstruction of the Diabetic Foot**
Moderator: Christopher Attinger, MD. Panelists: Joon Pio (Jp) Hong, MD; Christopher Attinger, MD; Chih-Hung Lin, MD; Karen Evans, MD

2018 PROGRAM-AT-A-GLANCE

- **After the Operation: Post-Operative Protocols and Long Term Follow Up for Lymphedema Surgery**
Moderator: Jaume Masia, MD, PhD. Panelists: Isao Koshima, MD; Gemma Pons, MD; Mark L. Smith, MD
- **The Business of Microsurgery: Innovations and Opportunities**
Moderator: Justin M. Sacks, MD, FACS. Panelists: Ivica Ducic, MD, PhD; Adeyiza Momoh, MD; Michael R. Zenn, MD, MBA
- **How Thin Can You Go? Primary vs. Secondary Thinning of Perforator Flaps**
Moderator: Marco Innocenti, MD. Panelists: Samir Mardini, MD; Mitsunaga Narushima, MD; Hyun-Suk (Peter) Suh, MD, PhD

ASRM Scientific Paper Presentations: Outcomes Studies Research

ASRM Harry J. Buncke Lecture: Lawrence J. Gottlieb, MD, FACS

ASRM Scientific Paper Presentations: Basic Science/Complex Non-Microsurgery Reconstruction/Trunk



American Society for Reconstructive Transplantation Panel

Long Term Follow-Up on Our First VCA Patients: Ethical Considerations and Lessons Learned

Chairs: Sue McDiarmid, MD and Gerald Brandacher, MD. Panelists: Christina Kaufman, PhD; W. P. Andrew Lee, MD, FACS; Bohdan Pomahac, MD; Robert L. Walton, MD, FACS

Please visit www.microsurg.org for more detailed programming and additional meeting information. **RM**



2018 ASRM ANNUAL MEETING



American Society for
Reconstructive Microsurgery

JANUARY 13-16, 2018
Arizona Biltmore Hotel
Phoenix, Arizona

ASRM Calendar



JANUARY 13-16, 2018

ASRM 33RD ANNUAL MEETING

The Biltmore Hotel
Phoenix, Arizona



FEBRUARY 2-5, 2019

ASRM 34TH ANNUAL MEETING

JW Marriott Desert Springs
Resort and Spa
Palm Springs, California



JANUARY 11-14, 2020

ASRM 35TH ANNUAL MEETING

Marriott Harbor Beach
Resort and Spa
Ft. Lauderdale, Florida

Registration is Now Open!

Each meeting includes the following:

- Admission to all instructional courses, general session and panels
- Access to speaker presentations
- Breakfast, lunch and refreshment breaks served
- One (1) complimentary ticket to each networking event*
- Access to Exhibit Hall
- 2018 Mobile Application

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 AMAPRA Category 1 Credits™
- The opportunity to participate in Sewing with the Masters. Separate registration required.
- Free access to ASRM Annual Meeting educational sessions through the Plastic Surgery Education Network. (inclusive of breakout panels)

GUEST SOCIETY: ALAM

The ASRM welcomes the Association of Latin-American Microsurgery (ALAM) and offers ALAM members the ASRM member rate for the 2018 Annual Meeting. Look for the ALAM rate when registering.

ASRM registration provides free access to ASRM Annual Meeting educational sessions through the Plastic Surgery Education Network (inclusive of breakout panels).

ADDITIONAL COURSES AND EVENTS

Some courses and events listed are made available for an additional fee and separate registration is required. Please see program descriptions and registration to identify these opportunities. Additional networking event tickets are available for purchase.

DISCOUNTS

AAHS, ASPN, and ASRM are offering reduced registration rates on all combination meeting registration. You must register for at least two meetings to take advantage of the reduced rates. Discounted military rates are also available on a case basis. **RM**

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

Microsurgery Match 2018



**Babak Mehrara,
MD**

Microsurgery
Fellowship
Committee Chair

The Microsurgery Fellowship Match was established in 2010. Its goal is to coordinate fellowship appointments, thus relieving the pressure of uncoordinated appointments and forced early choices. The participating programs will not make any appointments until the match has been completed. To obtain information please visit www.sfmatch.org.



Sponsorship

The American Society of Reconstructive Microsurgery (ASRM) sponsors the matching process and is responsible for enforcement of the applicable rules. The Microsurgery Fellowship Match is hosted and administered by SF Match. Neither the SF Match office nor the ASRM sponsor approve any of the participating programs. The function of the SF Match is strictly limited to processing of the match. Listing or not listing of any program in the directory does not imply any form of approval, disapproval or endorsement.

About the Match

The match takes place in June and will be used to process all applicants who want to start their fellowship training in July of the following year. Applicants are responsible for ensuring they meet all prerequisites for eligibility prior to registering for the match. All match participants must agree and abide by the SF Match rules and policies as well as any additional rules stated by the ASRM.

2018 MICROSURGERY FELLOWSHIP MATCH TIMELINE FOR 2019 POSITIONS

Monday, January 8, 2018

- Applicant registration begins.
- Please note that although registration is open up until the rank list deadline, applicants are encouraged to register as early as possible to allow time for application and interviews.

Friday, March 2, 2018 – CAS Target Date

- This is the Target Date for applicants to complete the requirements for application distribution. This is NOT a deadline. Some programs accept applications at any time; others may set a deadline. It is the applicant's responsibility to contact training programs for individual deadline dates.

Thursday, June 7, 2018, 12:00 PM PST – Match Deadline

- ALL rank lists must be submitted by 12:00 PM (noon) PST. After the deadline, rank list choices will be locked and no changes can be made.

Thursday, June 14, 2018 – Match Results

- Match results are made available to programs and applicants. Log in to your SF Match account to view match results.

Friday, June 15, 2018

- Any vacancies which remain after the match will be announced on the Immediate Vacancies page. The list is subject to change and we do our best to only post and process requests to forward applications to active vacancies. Contact programs directly or use the provided form to have your completed CAS file sent. Programs are responsible for contacting the SF Match to remove a vacancy once filled.

July 2019

- Microsurgery fellowship training begins.

Program Registration

New program registration for the Microsurgery Fellowship Match is open year round. There is a \$325 registration fee which includes

the membership fee for the current match cycle. For more information and to register, visit www.sfmatch.org. **RM**

WOMEN'S MICROSURGERY GROUP

Looking Forward to Arizona



Joan E. Lipa, MD, MSc, FRCS(C), FACS
Women's
Microsurgery
Group Chair

On behalf of the WMG, we are looking forward to welcoming you to our planned events at this year's meeting at the Arizona Biltmore.

The ASRM WMG Lunch Series is hosting a luncheon on Sunday, January 14, from 11:30am–12:15pm on Work-Life Balance (...or a Juggling Act). We are fortunate to have Dr. Liza Wu, the first female recipient of the prestigious Godina Traveling Fellowship, to give us a 'behind-the-scenes' view of how to coordinate global travel, lectures, career and family. Dr. Aldona Spiegel will discuss establishing a successful practice and how she maintains balance, and Dr. Anu Bajaj will talk about the transition to private practice. This is a group of dynamic women, with differing family and hospital commitments, so I am sure that everyone in the audience will be able to relate to their perspectives during this informal session. There is no additional cost for the luncheon, but seating is limited. If case you missed it, look for an email blast sent out last month containing instructions on how to register for the WMG Luncheon.

We have teamed up with the Young Microsurgeons Group (YMG) for a joint form on Ergonomics and the Microsurgeon, starting immediately after the luncheon, from

12:15pm–1:15pm. We should all be able to pick up tips on how to maintain health in our careers (and continue to have our backs and necks feel young!)

The WMG Reception is a family-friendly event, and a great opportunity to connect with friends and new acquaintances. It is generously supported by Integra. Please make sure to select this on your Registration so that we can plan appropriately for numbers. The Reception takes place on Monday, January 15 from 6:00pm–7:00pm, and conveniently precedes the ASRM Celebration.

Despite some uncertainty about the meeting's location, we have received a plentitude of excellent applications for the ViOptix travel scholarship. ViOptix continues to support two scholarships for women medical students or residents who would not normally be attending the meeting, in order to foster early interest and commitment to microsurgery. The deadline for applications has just closed, and candidates are being reviewed in order to select the awardees based on the criteria of community service, research, academics and leadership. Last year's medical student awardee, Chao Long, has a column on the following page outlining the impact of her experience.

Matching of Mentees and Mentors is also taking place, so that those of you who have signed up for the WMG Mentorship program should be receiving your match information this December with ample time to coordinate liaising at the annual meeting.

Lastly, it has been a privilege to chair the WMG Committee for the past two years. I look forward to witnessing the ongoing growth and future endeavours of the WMG.

RM

"The WMG Lunch Series is fortunate to have several dynamic women speakers, with differing family and hospital commitments, to give us their take on maintaining a good work-life balance."

Upcoming Affiliate Meetings

MAY 5–8, 2018
15TH CONGRESS
OF THE EUROPEAN
FEDERATION OF
SOCIETIES OF
MICROSURGERY
Belgrade, Serbia
www.efsm2018.org

WMG *Continued*

Reflections from a ViOptix Travel Fellowship Winner

By Chao Long

I had the distinct privilege of attending the 2017 ASRM conference as the Women's Microsurgery Group (WMG) ViOptix Travel Scholarship winner. Now back at Stanford, I've had the opportunity to reflect on this extraordinary experience. Please allow me to share below.

Although I had observed microsurgery cases as a third-year medical student, it wasn't until I needed to create small defects in rat Achilles tendon-calcaneus constructs for my tissue engineering laboratory experiments that I found myself "operating" behind a microscope. I was enamored by the precision and control that the microscope afforded, however this was accompanied by a realization of how daunting of an undertaking it is to train to become a microsurgeon. This realization was invigorating—what a great privilege would it be, I thought, if I were given the opportunity to master these skills? What an even greater privilege and rewarding pursuit would it be, I thought, if I were then able to apply these skills towards restoring form, function, and dignity for my future patients? It is with this wide-eyed, bushy-tailed attitude that I geared up for the ASRM conference, eager to soak up as much teaching and shared wisdom as possible.

The conference certainly didn't disappoint in this regard. Starting with Dr. Weber's Keynote Lecture, I learned how best outcomes in complex head and neck cancer surgery can only be achieved with a multidisciplinary approach. In the various scientific paper presentations, I learned the countless ways in which the field is innovating and continuing to advance patient care. In the breakout sessions, I learned about best practices and latest techniques. In the "Disaster of the Masters" panel, I learned how things can go wrong, and more importantly how to troubleshoot and problem solve when they do.

Although these heroic acts in the OR were awe-inspiring, what struck me even more was that for the ASRM community, the patient comes first—always. I sensed an unspoken pact that had been made: we will never compromise patient care. For example, during "On the Hot Seat: How Would You Handle this Complication?", it was clear that in these difficult cases, it is not ego that matters, but rather finding the best solution for the patient regardless of who thinks of it. Or, during "Disasters of the Masters," the panelists' honesty in sharing their complications and the frank discussion that followed

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Chao Long
MD Candidate

Although this was my first time at the meeting, I immediately felt comfortable and welcomed by the microsurgery community.



Chao Long catching some sun with Dr. Joan Lipa

SOCIETY NEWS



Lymphatic Education
& Research Network



Combined Pilot Lymphedema Research Grant

The Lymphatic Education and Research Network (LE&RN) and the American Society for Reconstructive Microsurgery (ASRM) recognize the importance of fostering the development of surgeon scientists prepared to undertake innovative research in lymphedema and microsurgery. Both LE&RN and ASRM are committed to increasing the availability of research funding dedicated to pilot research studies in this area. The purpose of the grant is to support a basic science, translational or

clinical research grant in the area of lymphedema/lymphatic dysfunction. This grant will provide seed funding and is intended to allow researchers to conduct preliminary studies that set the stage for applications to external funding sources.

To view guidelines and submission process visit www.microsurg.org, Grant Opportunities. **RM**

COMBINED PILOT LYPHEDEMA RESEARCH GRANT

Award Amount:
Up to \$5,000

Project Duration:
12 months

Period:
July, 2018 - June, 2019

Applications Due:
February 15, 2018

Award Announcements:
April, 2018

VIOPTIX TRAVEL FELLOWSHIP REFLECTIONS

Continued

demonstrated a collaborative spirit with the ultimate goal of improving patient care everywhere.

Finally, I felt the warmth immediately, and I'm not talking about Hawaii's beautiful weather. From the WMG's session on conflict resolution to the Young Microsurgeons Group's panel on whether to pursue a microsurgery fellowship, I sensed the warmth of mentorship and friendship as I was

welcomed into the fold. I saw that this is a community that supports each other.

This scholarship, of course, is a prime example of the ASRM's dedication to community and mentorship. Despite the recurrent narratives of increasing physician burnout and medicine's bleak outlook, I've learned that the promise

of a supportive community dedicated first and foremost to healing their patients is alive and well, and for that, I extend my deepest gratitude.

Sincerely,

Chao Long
MD Candidate
Stanford School of Medicine
Class of 2018

MICROSURGICAL PEARLS

Microvascular Ectopic Banking



James Higgins, MD
Education Chair

The ability to replant amputated parts plays a critical role in the history and development of our subspecialty. Technical lessons learned from decades of clinical and experimental work have led to landmark advances and refinements in the field of replantation. One such advancement is the growth of the technique of *microvascular ectopic banking of amputated parts*.

Since its first clinical description by Marco Godina in 1986, the technique of temporary ectopic banking of amputated parts has been employed in a growing number of reports. This creative and useful concept serves as an important limb saving technique for the reconstructive surgeon in selected clinical settings. Godina suggested that banking be considered in cases where the amputated part was worthy of replantation, but the amputation site demonstrates extensive soft tissue loss or contamination. Temporary preservation of the amputated part in an ectopic location permits the surgeon to stage serial debridements and prepare the amputation site for delayed orthotopic replantation days to months later.

Since Godina's landmark paper there have been subsequent reports including more distal amputated parts (digit amputations), other anatomic locations (lower extremity, scalp, penile

amputations), and for uses other than delayed replantation to the native location (as "backup replantation" in the setting of failed replantation of the contralateral part, as fillet flap for amputation stump, and as source for harvested ectopically banked soft tissue flaps for delayed coverage). Reviewing these reports in the literature provides "pearls" for consideration when approaching these difficult cases. Some of these can be outlined as follows:

continued on next page

"Temporary preservation of the amputated part in an ectopic location permits... delayed orthotopic replantation days to months later."



Figure 1. Case of thumb amputation with extensive soft tissue tissue destruction and contamination at the amputation site.



Figure 2. Ectopically banked thumb in radial artery.

MICROSURGICAL PEARLS *Continued*

The amputated part may be rapidly ectopically banked, requiring only skin and vessel repairs. A convenient and beneficial location is in the radial artery level of an uninjured forearm.

Debridement of the amputated stump can be undertaken with the goal of preservation of length and critical structures in a manner that would be impossible if immediate replantation was pursued. Open wound management or negative pressure dressing technique can be utilized while serial debridements may be performed.

When the amputation stump is deemed ready for closure, the reconstructive team may perform simultaneous soft tissue reconstruction and replantation of the part to its orthotopic position. This may minimize the total duration of disability for the patient. This rapid return of the part to its native position may also be beneficial for nerve regeneration and the ability to perform primary tendon repairs.

When harvesting the ectopically banked part, the previously performed arterial venous anastomosis should be preserved if possible, utilizing the entire length of the ectopic recipient artery and vein as harvested conduits for transfer to the amputation stump. This may alleviate the need for additional microvascular anastomoses, and permit the revascularization of the orthotopic replanted part to be performed proximal to the amputation stump, potentially out of the zone of injury. It also permits greater ease of microvascular reconstruction due to the larger caliber anastomoses of the upstream vessels.



Figure 3. Hand reconstructed after delayed orthotopic thumb replantation and simultaneous lateral arm flap.

During the process of banking and delayed reconstruction, an effort should be made to utilize end-to-side anastomotic technique. This allows for preservation of the distal blood flow to the extremity, as well as to preserving the radial artery as a site for sequential anastomosis for the delayed orthotopic replantation of the amputated part. **RM**

FIND A PHYSICIAN

This is a reminder to sign up for the “Find a Physician” tool made available on the ASRM website. This added membership benefit allows you to be included in a searchable public listing. Please keep in mind this is an optional resource so you are not required to input your information, but if you wish to participate please log in to the members section of the ASRM website to complete your profile.

If you have any questions or difficulty, please contact Krista Greco at kristagreco@isms.org or you can call the Central Office at 312-456-9579. We look forward to your continued participation in the ASRM. **RM**