

# Final Program



ACMIS American College  
of Mohs Surgery

50<sup>TH</sup> ANNUAL MEETING

Thursday, May 3 – Sunday, May 6, 2018

CHICAGO

[www.MohsCollege.org/AnnualMeeting](http://www.MohsCollege.org/AnnualMeeting)

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**Celebrating 20 years** of expertise in skin closure for excellent outcomes.

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\*Clinical significance is unknown.

†*Staphylococcus epidermidis, Staphylococcus aureus, Escherichia coli, Enterococcus faecium, Pseudomonas aeruginosa.*

1. Protocol to determine the strength benefits when adding DERMABOND ADVANCED™ Topical Skin Adhesive to a wound or incision using suture as the primary closure, July 2012.
2. Bhende S, Rothenburger S, Spangler DJ, Dito M. In vitro assessment of microbial barrier properties of DERMABOND® Topical Skin Adhesive. *Surg Infect (Larchmt)*. 2002;3(3):251-257.

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### Slide Quality Review Committee

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### Tromovitch Award Committee

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### Fellowship Training Committee

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## Visit the Advocacy & Public Policy page of [www.MohsCollege.org](http://www.MohsCollege.org)

- Monthly Advocacy Update
- Free Webinar: MACRA for Mohs Surgeons
- Issue Fact Sheets
- Partners
- ACMS Responses
- Regulatory Review Newsletters
- Health Policy Briefings
- Mohs Surgeons' Guide to Grassroots Advocacy
- Alliance of Specialty Medicine News
- AMA Updates
- MedPAC Resources

## Welcome from the President

Dear Colleagues,

On behalf of the ACMS Board of Directors, it is my honor to welcome you to Chicago for the 50<sup>th</sup> Annual Meeting of the American College of Mohs Surgery.

To have reached a milestone like this one while also having built such a diverse, experienced and deeply engaged membership over the course of these 50 years is truly remarkable.

Though I'm certainly excited that this celebration happens to fall at the conclusion of my presidency, I am even more grateful and proud to be counted among the many, many talented Mohs surgeons who have played a part in the College's evolution.

While we are all keenly aware of the meeting's value as a means of education, we must also recognize its power as a tool of connection and renewal. Years and miles may lie between many of us, but the opportunity to come together again each year, revisit old friendships, create new ones, and engage one another in the kind of spirited dialogues that have advanced medicine for hundreds of years cannot be underestimated. This year and in the years ahead, there are sure to be challenges and opportunities that will demand our best thinking, but I am confident that the foundation Dr. Mohs and his contemporaries laid 50 years ago will support our efforts.

Speaking of support, our 50<sup>th</sup> year also marks a series of new opportunities to give back to the College in a meaningful way. You will learn more during the Business Meeting about how you can be a part of it.

Last but certainly not least, many thanks to Dr. John Carucci, chair of the Scientific Program Committee, for leading the development of a program that promises to be among our most cutting edge and comprehensive to date. Thanks also to Jeremy Bordeaux and the CME & Education Committee for their contributions, and to the ACMS staff for their work on the many details that make the meeting such an enjoyable and enriching experience for all.

Please join me for a very special 50<sup>th</sup> Anniversary Celebration on Saturday night that honors our past and looks toward a bright future. Check out the details on page 16. Thank you for being here and for all that you do to advance and support the Mohs College!

Sincerely,



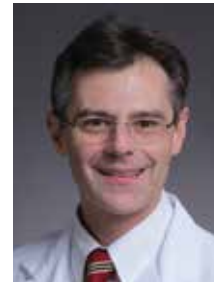
Allison T. Vidimos, MD, RPh, FACMS  
2017-18 ACMS President



## Welcome from the Program Chair

Dear Colleagues,

I'm excited to welcome you to the 2018 ACMS Annual Meeting here in Chicago, where together we will celebrate the College's 50<sup>th</sup> Anniversary. The Scientific Program Committee has worked to craft a program that focuses on a broad range of relevant topics. Some highlights include:



- The pre-conference Hand & Nail workshop will provide useful experience to beginner, intermediate and advanced nail surgeons in a small group setting.
- The pre-conference Hands-on Cutaneous Flap Workshop and the Mohs Surgery Histotechnology and Lab Set Up Workshop offer fellows-in-training valuable perspectives on important topics.
- The popular Morning Mini-Sessions have been tailored to meet interests in cutaneous oncology, reconstruction, patient safety, peri- and post-operative care, and more.
- Four experienced guest speakers will offer new perspectives: Shlomo Koyfman will discuss Working with Your Radiation Oncologist; Anna Pavlick will cover Novel Approaches to Aggressive Skin Cancers; former Acting U.S. Surgeon General Boris Lushniak will discuss skin cancer prevention through the lens of public health; Nirusha Lachman will again cover Case-Based Anatomy; and Drs. Koyfman and Pavlick will serve as panelists on a Tumor Board. John Kim, Bharat Mittal and Sandeep Samant will share their experiences with Multidisciplinary Care of Complex Tumors, an increasingly important part of what we do.
- Plenary sessions will feature highly engaging content on a variety of topics, including MIPS & MACRA, Transplant Oncology, Navigating EHRs, Establishing the ACMS Registry, and much more.

Thank you to Dr. Vidimos, the Scientific Program Committee, CME & Education Committee, staff, and others who helped plan this milestone meeting. I look forward to celebrating with you!

Sincerely,



John A. Carucci, MD, PhD, FACMS  
Chair, 2018 Scientific Program Committee

Advancing Cancer Diagnostics  
Improving Lives



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## Program at a Glance

Wednesday, May 2		
8:00 am – 5:00 pm	Fellows-in-Training Hands-on Cutaneous Flap Workshop	Stevens Salon A-5/Lower Level
1:00 – 4:00 pm	Hand & Nail Workshop	Offsite
1:00 – 6:00 pm	Registration and Presentation Upload Kiosks Available	International Ballroom/Level 2
6:00 – 8:00 pm	Fellows-in-Training Mohs Surgery Histotechnology and Lab Set Up Workshop	Stevens Salon C-6/Lower Level
Thursday, May 3		
6:30 am – 5:00 pm	Registration and Presentation Upload Kiosks Available	International Ballroom/Level 2
7:00 – 8:15 am	Concurrent Morning Mini-Sessions: 103.1 Eyelid and Periocular Reconstruction (1.25 Credit Hours) ♦ 103.2 Non-melanoma Skin Cancer Staging (1.25 Credit Hours) 103.3 Starting a Mohs Practice: What to do (1.25 Credit Hours) 103.4 Anticoagulants and the Mohs Patient (1.25 Credit Hours) 103.5 Refining Staged Repair Techniques (1.25 Credit Hours) ♦	Stevens Salon A-1/Lower Level Stevens Salon A-2/Lower Level Stevens Salon A-3/Lower Level Stevens Salon A-4/Lower Level Stevens Salon A-5/Lower Level
8:30 – 9:00 am	Welcome & AAD Update (0.50 Credit Hour)	International Ballroom/Level 2
9:00 – 9:45 am	Literature Review (0.75 Credit Hour)	International Ballroom/Level 2
9:30 am – 7:30 pm	Exhibit Hall Open	Stevens Salon D/Lower Level
9:45 – 10:00 am	Break (CME Not offered)	Stevens Salon D/Lower Level
10:00 – 11:00 am	Tromovitch Award Abstract Session (1.00 Credit Hour)	International Ballroom/Level 2
11:00 am – 12:00 pm	Working with Your Radiation Oncologist (1.00 Credit Hour) Guest Speaker: Shlomo Koyfman, MD	International Ballroom/Level 2
12:00 – 1:00 pm	Networking Lunch (provided) (CME Not offered)	Stevens Salon D/Lower Level
1:00 – 1:45 pm	Video Reconstruction (0.75 Credit Hour) ♦	International Ballroom/Level 2
1:45 – 2:30 pm	Novel Approaches to Aggressive Skin Cancers (0.75 Credit Hour) Guest Speaker: Anna Pavlick, BSN, MSc, DO, MBA	International Ballroom/Level 2
2:30 – 3:15 pm	High-Risk Tumors (0.75 Credit Hour) ♦	International Ballroom/Level 2
3:15 – 4:15 pm	Clinical Pearls Abstract Session (1.00 Credit Hour)	International Ballroom/Level 2
4:15 – 5:15 pm	Cost vs. Value in Treating Skin Cancer (1.00 Credit Hour)	International Ballroom/Level 2
5:30 – 7:30 pm	Exhibit Hall Grand Opening & Welcome Reception (CME Not offered)	Stevens Salon D/Lower Level



### Exhibit Hall Grand Opening & Welcome Reception

**Thursday, May 3 • 5:30–7:30 pm**

*Exhibit Hall – Stevens Salon D/Lower Level*

Don't miss this chance to relax and unwind with colleagues.  
Hors d'oeuvres and beverages will be provided for your enjoyment.  
Don't miss it!

### Whitelist [info@mohscollege.org](mailto:info@mohscollege.org)

To ensure you receive important communications from the ACMS including information regarding the Annual Meeting, webinars, messages from the President, the Membership Bulletin, member surveys and more, add [info@mohscollege.org](mailto:info@mohscollege.org) to the Safe Senders list in your email account. If you think you may not have received messages from the ACMS, check your Spam or Junk Mail folder and 'whitelist' [info@mohscollege.org](mailto:info@mohscollege.org) right away!





## Program at a Glance

Friday, May 4		
6:30 am – 5:00 pm	Registration and Presentation Upload Kiosks Available	International Ballroom/Level 2
7:00 – 8:15 am	Concurrent Morning Mini-Sessions: 202.1 Reconstruction of the Columella and Soft Triangle (1.25 Credit Hours) ♦ 202.2 IHC during Mohs (1.25 Credit Hours) 202.3 Evidence-Based Patient Safety in Dermatologic Surgery (1.25 Credit Hours) 202.4 Perioperative Considerations for Mohs Surgery: Innovations in Care Delivery (1.25 Credit Hours) 202.5 Management of Extensive Field Disease (1.25 Credit Hours)	Stevens Salon A-1/Lower Level Stevens Salon A-2/Lower Level Stevens Salon A-3/Lower Level  Stevens Salon A-4/Lower Level  Stevens Salon A-5/Lower Level
8:30 – 9:30 am	Scientific Abstract Session (1.00 Credit Hour)	International Ballroom/Level 2
9:30 – 10:15 am	Public Health and Dermatology – Preventing Skin Cancer (0.75 Credit Hour) Keynote Speaker: Boris D. Lushniak, MD, MPH	International Ballroom/Level 2
10:00 am – 6:30 pm	Exhibit Hall Open	Stevens Salon D/Lower Level
10:15 – 11:00 am	How Would You Reconstruct It? (0.75 Credit Hour) ♦	International Ballroom/Level 2
11:00 – 11:15 am	Break (CME Not offered)	Stevens Salon D/Lower Level
11:15 am – 12:00 pm	Tumor Board (0.75 Credit Hour) ♦ Guest Panelists: Shlomo Koyfman, MD & Anna Pavlick, BSN, MSc, DO, MBA	International Ballroom/Level 2
12:15 – 2:00 pm	ACMS Annual Business Meeting & Lunch (Non-CME Session) for ACMS Members Only Non-members and guests: lunch on your own; visit the Exhibit Hall	International Ballroom/Level 2  Stevens Salon D/Lower Level
2:00 – 2:15 pm	Break (CME Not offered)	Stevens Salon D/Lower Level
2:15 – 3:00 pm	Case-Based Anatomy (0.75 Credit Hour) Guest Speaker: Nirusha Lachman, PhD	International Ballroom/Level 2
3:00 – 4:00 pm	Video Session: Refining your Reconstructive Approach (1.00 Credit Hour) ♦	International Ballroom/Level 2
4:00 – 4:45 pm	EHR: Managing the Many Images & Navigating Electronic Documenting (0.75 Credit Hour)	International Ballroom/Level 2
4:45 – 5:30 pm	Transplant Oncology Update (0.75 Credit Hour)	International Ballroom/Level 2
5:45 – 6:45 pm	Program Directors' Session (Non-CME Session)	Stevens Salon A-5/Lower Level
6:45 – 8:00 pm	Fellows-in-Training Reception (CME Not offered)	Waldorf Room/Lower Level 3

# Frederic E. Mohs Award Recipient



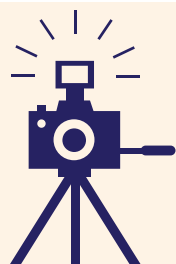
## Mary Maloney, MD, FACMS

The ACMS would like to congratulate Dr. Maloney on being named the recipient of the 2018 Frederic E. Mohs Award for devoting considerable time and effort over many years to further the goals and objectives of the organization and to promote the specialty.

**We salute you!**

## Program at a Glance

Saturday, May 5		
6:30 am – 4:00 pm	Registration and Presentation Upload Kiosks Available	International Ballroom/Level 2
7:00 – 8:15 am	Concurrent Morning Mini-Sessions: <i>302.1 Managing Merkel Cell, EMPD, Sebaceous Carcinoma and Less Common NMSC (1.25 Credit Hours) ♦</i> <i>302.2 Managing Tension in the Periocular Region during Reconstruction (1.25 Credit Hours) ♦</i> <i>302.3 Cheek Reconstruction Tips (1.25 Credit Hours)</i> <i>302.4 Approach to Managing Wounds of the Scalp, Neck, Hands, Legs and Feet (1.25 Credit Hours)</i> <i>302.5 Scar Revision (1.25 Credit Hours)</i>	Stevens Salon A-1/Lower Level Stevens Salon A-2/Lower Level Stevens Salon A-3/Lower Level Stevens Salon A-4/Lower Level Stevens Salon A-5/Lower Level
8:30 – 9:30 am	Optimizing Results in Nail Surgery (1.00 Credit Hour) ♦	International Ballroom/Level 2
9:30 – 10:15 am	Multidisciplinary Care of Complex Tumors (0.75 Credit Hour) ♦ <i>Guest Speakers: John Y. Kim, MD, Bharat B. Mittal, MD, FACR, FASTRO, &amp; Sandeep Samant, MD</i>	International Ballroom/Level 2
9:30 am – 4:00 pm	Exhibit Hall Open	Stevens Salon D/Lower Level
10:15 – 10:30 am	Break (CME Not offered)	Stevens Salon D/Lower Level
10:30 – 11:15 am	Case-Based Coding (0.75 Credit Hour)	International Ballroom/Level 2
11:15 am – 12:00 pm	Mohs, MIPS & MACRA: Let's Drive this Train and Own Our Future (0.75 Credit Hour)	International Ballroom/Level 2
12:00 – 1:00 pm	Lunch in the Exhibit Hall (CME Not offered)	Stevens Salon D/Lower Level
1:00 – 2:00 pm	Video Session: Reconstructive Options for Mohs Surgeons (1.00 Credit Hour)	International Ballroom/Level 2
2:00 – 3:00 pm	Reconstruction Conundrums: Simple Versus Complex (1.00 Credit Hour) ♦	International Ballroom/Level 2
3:00 – 3:15 pm	Break (CME Not offered)	Stevens Salon D/Lower Level
3:15 – 4:15 pm	Establishing the ACMS Registry (1.00 Credit Hour)	International Ballroom/Level 2
4:15 – 5:00 pm	Rapid Pearl Abstract Session (0.75 Credit Hour)	International Ballroom/Level 2
6:00 – 10:00 pm	<b>50th Anniversary Reception (CME Not offered)</b>	Offsite: Palmer House Hilton (see p. 15)



### Professional Headshots

**Available FREE to all meeting attendees (optional).** On Saturday, May 5 from 12:00-2:00 pm in the Exhibit Hall, professional headshots will be taken by our photographer. Images will be sent electronically following the meeting for personal use. All photos will be taken on a first-come, first-served basis until 2:00 pm.

### Digital Diagnostic Quality Control Exam

The Diagnostic Quality Control Exam is entirely online. This allows for more flexibility to review the slides, and allows completion of the exam before, during, and after the meeting. Instructions for accessing the digital DQC exam will be sent via the email address used for registration prior to the Annual Meeting. Access to the Diagnostic Quality Control Exam is \$50 for ACMS members and free to fellows-in-training. Only ACMS members who register for the exam and complete it online will receive a certificate. Certificates are mailed approximately 4-6 weeks after the meeting. CME credit is not offered for taking the digital Diagnostic Quality Control Exam.

## Program at a Glance

Sunday, May 6		
7:00 – 10:00 am	Presentation Upload Kiosks Available	International Ballroom/Level 2
7:30 – 8:30 am	Digital Diagnostic Quality Control Exam Review (1.00 Credit Hour)	International Ballroom/Level 2
8:30 – 8:45 am	Fellow-in-Training Clinicopathologic Case Competition Award Winner (0.25 Credit Hour)	International Ballroom/Level 2
8:45 – 9:45 am	Melanoma Update (1.00 Credit Hour)	International Ballroom/Level 2
9:45 – 10:45 am	Practical Pre- and Post-Op Considerations for Mohs Surgery (1.00 Credit Hour)	International Ballroom/Level 2
10:45 – 11:00 am	Break (CME Not offered)	International Ballroom/Level 2
11:00 am – 12:00 pm	MOC Self-Assessment: Skin Cancer (Non-CME Session)	International Ballroom/Level 2

## Special Events

### Thursday, May 3

#### 5:30 – 7:30 pm • Exhibit Hall Grand Opening & Welcome Reception

*Stevens Salon D/Lower Level*

Don't miss this chance to relax and unwind with colleagues. Hors d'oeuvres and beverages will be provided for your enjoyment.

#### 6:30 – 8:00 pm • University of Wisconsin Department of Dermatology

*Stevens Salon C-3/Lower Level*

Welcoming all former fellows-in-training and friends of the UW-Madison Mohs surgery program to see old friends, make new friends, reminisce and celebrate 50 years.

#### 7:00 – 8:30 pm • Zitelli and Brodland Reception

*Stevens Salon C-4/Lower Level*

Cocktail reception for all previous fellows of Drs. Zitelli and Brodland.

### Friday, May 4

#### 12:15 – 2:00 pm • ACMS Annual Business Meeting & Lunch

*International Ballroom/Level 2*

ACMS members are encouraged to attend the annual membership business meeting and lunch. This important meeting brings members up-to-date on issues of significance. The winners of the prestigious Frederic E. Mohs Award and Distinguished Service Award will be announced.

#### 6:00 – 7:30 pm • SkinPAC Reception

*Stevens Salon C-3 & C-4/Lower Level*

#### 6:45 – 8:00 pm • Reception Introducing Fellows-in-Training

*Waldorf Room/Level 3*

ACMS & ACGME program directors and current fellows-in-training are invited to network, socialize and congratulate fellows-in-training on their upcoming graduation. The winner of the Tromovitch Award will be announced and hors d'oeuvres and beverages will be provided.

#### 7:30 – 8:30 am • Association of ACGME Independent Training Directors Breakfast

*Joliet Room/Level 3*

Discuss the latest ACGME rule changes relevant to independent and non-institutionally-based training programs.

### Saturday, May 5

#### 12:00 – 1:00 pm • Women's Dermatologic Society Networking Luncheon

*Stevens Salon C-3 (Lower Level)*

Open to all WDS Members and ACMS Meeting attendees, this luncheon will offer an opportunity to network with dermatologists at all levels in their careers. Lunch will be provided. WDS Members: \$40; Residents: \$35; Non-Members: \$45. For details, contact Kim Schechter at [kschechter@womensderm.org](mailto:kschechter@womensderm.org).

#### 12:00 – 1:00 pm • National Association of VA Mohs Surgeons

*Stevens Salon C-4/Lower Level*

Network with other surgeons working in the VA system.

#### 5:00 – 6:00 pm • Association of Professors of Dermatology, Dermatologic Surgery Section

*Stevens Salon C-4/Lower Level*

Networking, committee updates and informal presentations.

#### 5:30 – 6:30 pm • Florida Fellowship-Trained Mohs Surgeons Annual Meeting (Private)

*Stevens Salon C-3/Lower Level*



## Special Events

### Saturday, May 5

#### 6:00 – 10:00 pm • 50th Anniversary Celebration Reception

Palmer House Hilton, 17 East Monroe Street  
(transportation provided)

Join colleagues and special guests to celebrate the 50th Anniversary of the American College of Mohs Surgery and honor the rich legacy of Dr. Frederic Mohs. Enjoy cocktails and hors d'oeuvres amid the historic charm of the Palmer House Hilton, where the College's first meeting was held 50 years ago. Special invited guests will recount the early days of chemosurgery and the ACMS. Guests will be able to visit the room that held the first meeting 50 years ago. Prepare to enjoy the sounds of Chicago's own The Night Shift Orchestra as they perform throughout this very special evening. You don't want to miss this event! Tickets are available at the ACMS Registration Desk for \$100. Celebrate in cocktail attire please.



### Sunday, May 6

#### 11:00 am – 12:00 pm • MOC Self-Assessment Session: Skin Cancer

International Ballroom/Level 2

The ACMS is offering an MOC Self-Assessment, which satisfies a portion of the self-assessment module of Component 2 in Maintenance of Certification with the American Board of Dermatology (ABD). Participants must complete the MOC Credit Form, available in the session on Sunday and return it to the ACMS Registration Desk. You must also update your ABD MOC tables to reflect the credits available for the session. Note: If you claimed MOC credits for 'MOC: Skin Cancer' at a previous ACMS Annual or Regional Meeting, you cannot claim MOC credits for 'MOC: Skin Cancer', at the 2018 Annual Meeting.

## Hotel & Travel Information



### Hilton Chicago

720 South Michigan Avenue, Chicago, IL 60605  
(877) 865-5320

Hotel website link available on the Registration/Hotel tab of  
[www.mohscollege.org/annualmeeting](http://www.mohscollege.org/annualmeeting)

- Magnificent location overlooking Grant Park, Lake Michigan, and the Museum Campus, home of Shedd Aquarium, Field Museum, and Adler Planetarium

Check-in time: 3:00 pm; Check-out time: 12:00 pm

Early check-in and late check-out are subject to availability and approval.

### Airports

Chicago-O'Hare International Airport (45 minutes/19 miles Northwest of Hilton Chicago)

Chicago Midway Airport (30 minutes/11 miles West of Hilton Chicago)

Gary-Chicago Airport (40 minutes/25 miles South of Hilton Chicago)

### Transportation from Airports

For information on transportation options including taxi, shuttle, car service or rental, rail, bus, and more, visit the Hilton Chicago's Maps & Directions page or O'Hare Airport's Getting To and From page.

### Hilton Chicago Parking

Self-parking (garage): \$61 / Valet: \$75 (Rates exclude tax, prices subject to change)

### Chicago Weather

During early May: Average high: 64°F; Average low: 51°F

## Meeting Information

### On-Site Registration

The registration desk will be open at the Hilton Chicago on the following days and times (*subject to change*):

Wednesday, May 2: 1:00 – 6:00 pm  
Thursday, May 3: 6:30 am – 5:00 pm  
Friday, May 4: 6:30 am – 5:00 pm  
Saturday, May 5: 6:30 am – 4:00 pm

### Photography and Recording Policy

Photography or video or audio recording of sessions, materials presented in sessions, or exhibits without express written permission from the ACMS is strictly prohibited. Any photos, video or audio taken by or on behalf of the ACMS of the meeting activities and attendees shall be property of the ACMS.

There will be a professional photographer onsite documenting the meeting and social events. By attending the meeting, you agree to be photographed. Photos may be used in future promotional materials, ACMS publications, websites and social media, or other formats controlled by the ACMS.

### Restriction on Minors

Children under 18 years of age are NOT permitted to enter the Exhibit Hall at any time during the meeting. This restriction includes installation, exhibition and dismantling hours. If children are present, they will be required to leave the hall immediately.

### Use of Mobile Devices

Mobile devices including phones, tablets or other electronics may be used during sessions to access the Annual Meeting mobile app; however, please ensure these devices are silenced.

### Annual Meeting Mobile App

In addition to responding to in-session live polls, attendees are strongly encouraged to complete evaluations for the sessions they attended. This can also be done quickly and easily via the meeting app, from your mobile device, laptop or desktop:

1. Go to the Annual Meeting app: [www.eventmobi.com/app/acms18](http://www.eventmobi.com/app/acms18) (see p. 14 for directions and screen shots on how to add the app icon to your home screen for quick access)
2. Tap Program, then tap a session you attended (select sessions by date using the date menu bar at the top of the screen). The short session evaluation is located under the Session Feedback heading, below the speakers and description for that session.
3. For each question, tap your response and tap 'Submit' to advance to the next question. Repeat for as many sessions as you attended.

The ACMS needs this feedback for ACCME accreditation purposes, and evaluation results are used in planning for next year's meeting. Your feedback is appreciated.

### Lost & Found

Please notify staff at the ACMS Registration Desk if you have lost or found an item during the course of the meeting.

### Special Needs

The ACMS wishes to ensure that no individual with a disability is excluded, denied services, segregated, or otherwise treated differently than other individuals because of auxiliary aids and/or service(s). If you need an auxiliary aid or service(s) identified in the Americans with Disabilities Act, or if you have any health issues for which you may require special accommodations or assistance, please notify the ACMS staff at the Registration Desk.

### Policy on Pets and Service Animals

The ACMS prohibits pets in any meeting spaces, with the exception of service animals providing Americans with Disabilities Act (ADA) reasonable accommodations for a person with disabilities. According to the ADA, a service animal is defined as "any animal individually trained to work or perform tasks for the benefit of an individual with a disability, including, but not limited to, guiding individuals with impaired vision, alerting individuals to an impending seizure or protecting individuals during one, and alerting individuals who are hearing impaired to intruders, or pulling a wheelchair and fetching dropped items."

Attendees may be asked to provide proof of service animal status and/or licensure. Service animals must wear an owner identification tag (which includes the name and phone number of the owner) at all times. Animals must be on a leash, harness or other type of restraint at all times, unless the owner/partner is unable to retain an animal on leash due to a disability. The owner must be in full control of the animal at all times. The care and supervision of the animal is solely the responsibility of the owner/partner.



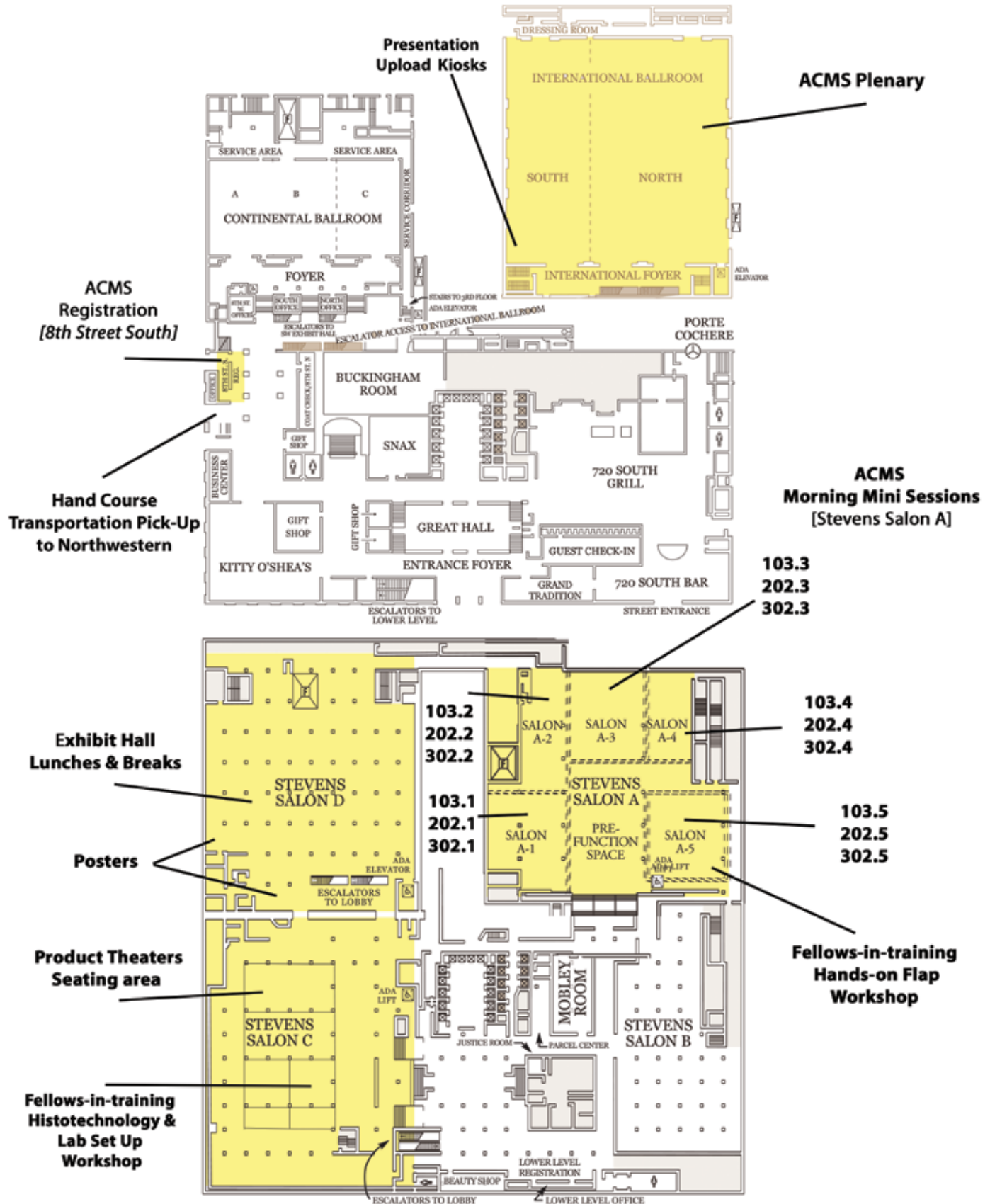
### WiFi Connection Instructions

*To access the Internet in meeting spaces:*

1. Go to the wireless settings on your device.
2. Join the wireless network named **Mohs2018**
3. When prompted for a password/WPA2 key, enter **fredmohs**

*The complimentary wireless service available in guest rooms uses a different network and password than noted above for the meeting spaces.*

# Hilton Chicago Floor Plan





## CME Information and Learning Objectives

### 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 sponsorship of the American College of Mohs Surgery (ACMS). The ACMS is accredited by the ACCME to provide continuing medical education for physicians.

### Credit Designation Statement

The ACMS designates this live activity for a maximum of 28.00 *AMA PRA Category 1 Credit(s)*<sup>™</sup>. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

### Physician Assistant Credit

The American Academy of Physician Assistants (AAPA) accepts *AMA PRA Category 1 Credit(s)*<sup>™</sup> from organizations accredited by the ACCME. Physician Assistants attending the Annual Meeting can submit certificates or transcripts showing how many physician CME credits were offered for an activity to the AAPA and get them “converted” to PA CME credit. The AAPA also grants and counts *AMA PRA Category 1 Credit(s)*<sup>™</sup>, but those are specifically for PAs and have to come from a provider accredited by the AAPA. Both groups label their credits Category 1 CME, but the labels, though they read the same, refer to different evaluations.

### Disclosure of Conflicts of Interest

To comply with the ACCME Standards of Commercial Support on the need for disclosure and monitoring of proprietary and financial interests that may affect the scientific integrity and balance of content delivered in continuing medical education activities under our auspices. The ACMS requires that all CME certified activities be developed free from the control of a commercial interest and be balanced, objective, and scientifically rigorous. Anyone with the ability to affect the content of an educational activity must disclose relevant financial relationships with health organizations producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients. The ACMS will disclose faculty and commercial relationships at the Annual Meeting.

### Disclosure of Discussion of Non-FDA Approved Uses for Pharmaceutical Products and/or Medical Devices

The ACMS requires that all faculty presenters identify and disclose any off-label uses for pharmaceutical and medical device products. The ACMS recommends that each physician fully review all the available data on new products or procedures prior to instituting them with patients.

### Disclaimer

The views expressed and the techniques presented by the speakers of the ACMS-sponsored educational meetings are not necessarily shared or endorsed by the College. Anyone with the ability to affect the content of an educational activity must disclose relevant financial relationships with health organizations producing, marketing, re-selling, or distributing health care goods or services consumed by, or used on, patients, as well as any unapproved or off-label uses of medical devices or pharmaceutical agents that they discuss, describe, or demonstrate during their presentations. Meeting attendees should use their independent judgment in applying the information discussed in these educational sessions in the treatment of patients.

### Learning Objectives

Upon completion of the Annual Meeting, participants will be able to describe the latest advances in the treatment of skin cancer, discuss recent research findings in the area of Mohs micrographic surgery and cutaneous oncology, and explain new techniques in reconstruction that promote optimal surgical outcomes.

Specific learning objectives, upon completion of the ACMS Annual Meeting, include:

- Design and execute routine and advanced reconstructions of the lip, nose, eyelid and ear;
- Describe current recommendations for diagnosis and treatment of melanoma, and Merkel cell cancer;
- Recall the benefits and techniques involved in utilizing immunohistochemistry in the treatment of melanoma and nonmelanoma skin cancers;
- Refine reconstruction techniques to improve scars post Mohs micrographic surgery;
- Identify options for treatment of nonmelanoma skin cancer when the patient is not a candidate for the initial choice of treatment;
- Identify anatomic landmarks and integrate knowledge of those landmarks into the practice of Mohs micrographic surgery;
- Recognize potential errors in frozen section examination of skin cancers and develop ways to minimize those errors;
- Describe essential principles to optimize surgery of the nail unit;
- Explain proper billing and coding practices for Mohs and reconstructive surgery;
- Maximize collaboration with surgical colleagues in other disciplines to improve patient outcomes postoperatively;
- Identify elements of the preoperative history that require management preoperatively;
- Review the most recent literature regarding dermatologic surgery, advances in the care of nail disease, and melanoma;
- Describe recent developments in the management of skin cancer in organ transplant recipients.

# Get the Meeting App!

## [www.eventmobi.com/app/acms18](http://www.eventmobi.com/app/acms18)

The Annual Meeting app is optimized for all devices—phones, tablets and laptops—across mobile platforms like iOS, Android and Windows. Get real-time notifications, respond to live polls, download handouts, complete session evaluations, and sign in to create a custom schedule, save notes, or connect with colleagues.

1. visit [www.eventmobi.com/app/acms18](http://www.eventmobi.com/app/acms18)  
Tap “Get the App” button. The app will automatically download from your app store and launch the event.

2. Tap Login at upper right. Enter the email address you used to register for the meeting; this allows full use of all features.



NOTE: EventMobi's orange 'E' icon will appear on your home screen; use this to access the app throughout the meeting.

*If you choose to view the app in a web browser, follow the on-screen prompts to add the app icon to your home screen. Bookmark and return to [www.eventmobi.com/acms18](http://www.eventmobi.com/acms18).*



### Features



Tap a session for description, time, location, speakers, handouts & more



View faculty and panelists, as well as guest speaker bios



Handouts, slide decks & other information shared by speakers



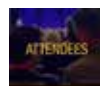
WiFi instructions, special event details, links & much more



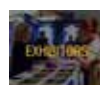
Respond to in-session live polls in real time



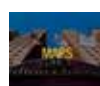
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# 50TH ANNIVERSARY CELEBRATION

## Anniversary Reception

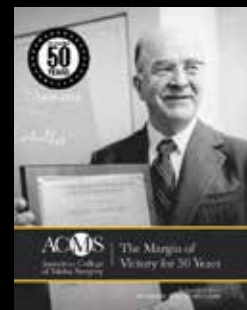
Saturday, May 5, 2018 • 6:00–10:00pm  
Palmer House Hilton  
17 East Monroe Street (transportation provided)



Join colleagues and special guests to celebrate the 50th Anniversary of the American College of Mohs Surgery and honor the rich legacy of Dr. Frederic Mohs. Enjoy live music, cocktails and hors d'oeuvres amid the historic charm of the Palmer House Hilton, where the College's first meeting was held in 1967.

## 50<sup>th</sup> Anniversary Commemorative Book

This custom, illustrated 80-page hardcover volume, "ACMS: The Margin of Victory for 50 Years," chronicles the genesis and evolution of Mohs surgery, including the perspectives of 10 important figures from founding to present. Books will be distributed at the ACMS Registration Desk to those who pre-ordered. Copies will also be available for \$75 onsite and online after the meeting.



[www.mohscollege.org/annualmeeting](http://www.mohscollege.org/annualmeeting)



Think the last 50 years  
have been great?

Wait until you see what's next...

Join colleagues at the Business Meeting from  
12:15–2:00 pm on Friday, May 4 to learn more!



# Help Your Tech Improve Skills

**ASMH** American Society for Mohs Histotechnology

The ASMH offers customized, hands-on training sessions through its Mohs Technician Quality Assurance (MTQA) Training Program. Offered exclusively to technicians currently working for ACMS member surgeons, this on-site training will include lecture and hands-on training on topics such as mapping and inking, embedding, staining, cryosectioning, CLIA regulations, troubleshooting, and more.

**Thursday, June 21 - Friday, June 22, 2018**

**8:30 am - 3:30 pm**

*Avantik Academy Mohs Training Campus, 32 Commerce Street, Springfield, NJ 07081*

**Thursday, October 18 - Friday, October 19, 2018**

**8:30 am - 3:30 pm**

*Avantik Academy Mohs Training Campus, 32 Commerce Street, Springfield, NJ 07081*

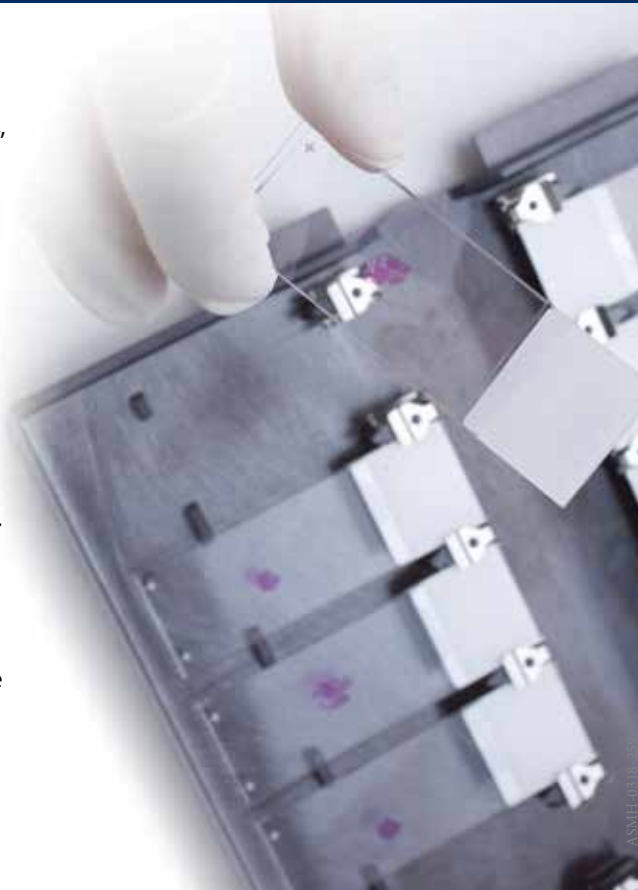
ASMh members: \$750 / Non-members: \$1,000

Non-member registration will include ASMh membership through 2018. \$50 discount per trainee for practices sending more than one tech

Upon completion, trainees can claim 12 CEUs through the National Society for Histotechnology and will receive a certificate of completion from the ASMh/ACMS. For more information about the MTQA Training Program or customized training opportunities, click here or contact the ASMh office at (414) 918-9813 or [info@mohstech.org](mailto:info@mohstech.org).

For details, hotel reservations, and to register, visit

**[www.mohstech.org/mtqa18](http://www.mohstech.org/mtqa18)**



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Use **#ACMS18** during the meeting.



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Use **#ACMS18** during the meeting.





# Supercut Tungsten Carbide Scissors

**NEW**

*"These scissors are like Goldilocks - not too big not too small - just right! I like sharp tips to initiate undermining. I like straight blades to undermine and elevate even thickness flaps. I like the strong blades that can handle scar tissue, yet small enough for fine work. Finally, I like how they are sharp and stay sharp." - John Zitelli, M.D.*

## 105-407SC-TC

Iris Supercut & Tungsten Carbide, serrated edge, 4 1/2" curved



## 105-540SC-TC

Supercut and Tungsten Carbide Baby Metz, curved, serrated, 4 1/2"

## 105-0930

Zitelli Supercut and Tungsten Carbide, curved, delicate, sharp tips, serrated edge, 4 1/2"



## 105-0931

Zitelli Supercut and Tungsten Carbide, straight, delicate, sharp tips, serrated edge, 4 1/2"

The Tiemann Supercut Tungsten Carbide Scissors combine the hardness of the Tungsten Carbide and the sharpness of the Supercut scissors.

Supercut Tungsten Carbide scissors have a welded-in carbide insert. The welding process creates a seamless and homogenous connection.

There is no soldered seam that can lead to failure or corrosion. They have a precise cutting edge with micro serrations that create a fine, minimally traumatic cut.

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## Guest Speaker Biographies

### **RADM (Ret.) Boris D. Lushniak, MD, MPH**



Rear Admiral retired Boris D. Lushniak, MD, MPH, has been Dean of the School of Public Health at the University of Maryland since January 2017. He was the US Deputy Surgeon General from 2010-15, assisting the Surgeon General to articulate the best available scientific information to the public to improve personal health and the health of the nation. He also oversaw the operations of the U.S. Public Health Service (USPHS) Commissioned Corps, comprised of approximately 6,700 uniformed health officers who serve in locations around the world to promote, protect, and advance the health and safety of our nation. Dr. Lushniak served as Acting Surgeon General from 2013-14 and was responsible for the release of the 50th Anniversary Surgeon General's Report on Smoking and Health and the first-ever Surgeon General's Call to Action to Prevent Skin Cancer. He retired from the USPHS in 2015 after 27 years of service, and maintains certifications in dermatology and preventive medicine.

### **John Y. Kim, MD**



Dr. Kim is a professor of surgery at Northwestern University Feinberg School of Medicine with a clinical practice that focuses on breast cancer reconstruction. He was educated at Harvard College and received graduate degrees in Medicine and English Literature from Stanford University. He completed an integrated plastic surgery program at Baylor and did his fellowship with Dr. Neil Ford Jones at UCLA. He is an associate editor of PRS and chair of the American Society of Plastic Surgery Breast and Body Symposium. He has published more than 170 peer reviewed papers, holds 16 issued patents, and has founded two startup companies focused on novel medical devices.

### **Shlomo Koyfman, MD**



Dr. Koyfman is an assistant professor in the Departments of Radiation Oncology and Bioethics at Cleveland Clinic. He graduated from Yale Medical School and completed his radiation oncology training at Cleveland Clinic. He specializes in head and neck and skin cancers as well as advanced radiation planning techniques. He served on the NCI steering committee task force for head and neck cancer and is a member of the Head and Neck Cancer Committee of the NRG Oncology cooperative group.

### **Nirusha Lachman, PhD**



Dr. Lachman is a professor in the Department of Anatomy, College of Medicine with joint appointment in the Department of Surgery, Division of Plastic Surgery at Mayo Clinic. Her primary focus lies in integrating anatomy education for everyday practice, and she is one of few clinical anatomists in the world who works collaboratively on a daily basis with clinicians in a practice-based setting. In her 20-year career as a clinical anatomist, Dr. Lachman has contributed more than 74 scientific publications in peer reviewed journals, 16 book chapters and numerous abstract publications, and national and international presentations.

### **Bharat B. Mittal, MD, FACR, FASTRO**



Dr. Mittal is the professor and chairman of Radiation Oncology at the Feinberg School of Medicine at Northwestern University, and over the past three decades has been actively engaged in caring for patients with head and neck cancers, lymphomas and skin cancers, as well as mentorship, research, administration and public service. At the institutional, regional and national levels he has served as president of the Metropolitan Association of Radiation Oncology, the Council of Affiliated Regional Radiation Oncology Society, and the Society of Chairs of Academic Radiation Oncology Programs. He has also served on the Board of Directors of the American Society of Radiation Oncology and has been a member of the Radiological Devices Panel of the Food & Drug Administration, Head and Neck Cancer Task Force of the American Board of Radiology and Head and Neck Cancer Panel of the National Cancer Care Network. Dr. Mittal has co-authored more than 200 peer-reviewed articles and abstracts and has served as an ad hoc reviewer for numerous journals. He has worked to pioneer research to understand the mechanism and mitigate speech and swallowing disorders resulting from radio-chemotherapy in head and neck cancers, as well as the use of innovative technologies and various combinations of chemotherapy and novel agents with radiation to improve survival and reduce toxicities in various malignancies.

### **Anna C. Pavlick, BSN, MSc, DO, MBA**



Dr. Pavlick is a professor of Medicine and Dermatology in the Division of Medical Oncology at NYU School of Medicine. She also serves as medical director of the NYU Cancer Center Clinical Trials Office, co-director of the NYU Melanoma Program and assistant director of NYU Clinical Research and Education with responsibilities in the areas of melanoma and translational research. Dr. Pavlick's academic practice focuses on clinical research in cutaneous malignancies.

### **Sandeep Samant, MD**



Dr. Samant is chief of head and neck surgery and director of Northwestern multidisciplinary head and neck program. He completed fellowship training in head and neck oncologic and skull base surgery in 1996 and has performed more than 8,000 operations for head and neck cancer. His clinical and research interests include management of oral, oropharyngeal, laryngeal, nasal, sinus and thyroid cancer. He specializes in minimally invasive surgery utilizing robotic and endoscopic techniques.



## Invited Faculty and Guest Speakers

(as of 4/14/18)

**Sumaira Z. Aasi, MD, FACMS**, Stanford University School of Medicine, Redwood City, CA

**Murad Alam, MD, MSCI, MBA, FACMS**, Northwestern University/ Dermatology, Chicago, IL

**John G. Albertini, MD, FACMS**, The Skin Surgery Center, Winston-Salem, NC

**Sarah T. Arron, MD, PhD, FACMS**, UCSF, San Francisco, CA

**Earl E. Bain, III, MD**, Bain Dermatology, Raleigh, NC

**Katharine L. Ball, MD, FACMS**, California Skin Institute, Mountain View, CA

**Anna A. Bar, MD, FACMS**, Oregon Health & Science University, Portland, OR

**Rupert B. Barry, MB, BCh, BAO**, St. James' Hospital, Dublin, Ireland

**S. Alison Basak, MD, MA**, Forefront Dermatology, St. Louis, MO

**Ramona Behshad, MD**, Saint Louis University, St. Louis, MO

**Kristin Bibee, MD, PhD**, University of Pittsburgh, Pittsburgh, PA

**Christopher K. Bichakjian, MD, FACMS**, University of Michigan, Ann Arbor, MI

**Elizabeth M. Billingsley, MD, FACMS**, Penn State Hershey Medical Center, Hershey, PA

**William H. Black, MD, FACMS**, University of Mississippi Medical Center, Jackson, MS

**Travis W. Blalock, MD, FACMS**, Emory University, Atlanta, GA

**Adam B. Blechman, MD**, NYU Langone, New York, NY

**Jeremy S. Bordeaux, MD, MPH, FACMS**, University Hospitals Cleveland Medical Center, Shaker Heights, OH

**Jerry D. Brewer, MD, FACMS**, Mayo Clinic Rochester, Rochester, MN

**David G. Brodland, MD, FAAD, FACMS**, Zitelli & Brodland, PC, Pittsburgh, PA

**Marc D. Brown, MD, FACMS**, University of Rochester, Rochester, NY

**Mariah R. Brown, MD, FACMS**, University of Colorado, Lakewood, CO

**David R. Carr, MD, FACMS**, OSU Dermatology, Columbus, OH

**Bryan T. Carroll, MD, PhD, FACMS**, University of Pittsburgh Department of Dermatology, Pittsburgh, PA

**Todd V. Cartee, MD, FACMS**, Penn State Milton S. Hershey Medical Center, Hershey, PA

**John A. Carucci, MD, PhD, FACMS**, New York University Langone Medical Center, New York, NY

**Linda Cesario, DPM, HT (ASCP)**, Advanced Laser and Skin Cancer Center, Teaneck, NJ

**Cameron Chesnut, MD**, Dermatology Specialists of Spokane, Spokane, WA

**Sean R. Christensen, MD, PhD, FACMS**, Yale University, New Haven, CT

**Ashlynn H. Clark, MD**, Forefront Dermatology, Cedar Rapids, IA

**Melanie A. Clark, MD**, Medical College of Wisconsin, Milwaukee, WI

**Brett M. Coldiron, MD, FACP, FACMS**, The Skin Cancer Center, Cincinnati, OH

**Mary-Katharine Collins, MD**, University of Pittsburgh Medical Center, Pittsburgh, PA

**Sean Condon, MD**, Cleveland Clinic Foundation, Cleveland, OH

**Laurin Council, MD, FACMS**, Center for Derm and Cosmetic Surgery, St. Louis, MO

**Brienne Cressey, MD**, Dermatology Professionals, Inc., East Greenwich, RI

**Lauren D. Crow, MD, MPH**, UCSF, San Francisco, CA

**Ali A. Damavandy, MD**, Great Falls, VA

**Emily de Golian, MD**, University of California-San Diego, San Diego, CA

**Addison M. Demer, MD**, University of Minnesota, Minneapolis, MN

**Heidi B. Donnelly, MD, FACMS**, Dayton Skin Surgery Center, Inc., Dayton, OH

**Ervin Epstein, Jr., MD**, PeellePharm, Inc, Orinda, CA

**William C. Fix**, University of Pennsylvania, Philadelphia, PA

**Scott W. Fosko, MD, FACMS**, Mayo Clinic Florida, Atlantic Beach, FL

**Matthew C. Fox, MD, FACMS**, Austin Dermatologic Surgery Center, Austin, TX

**Erin S. Gardner, MD, FACMS**, Dermatology Specialists of St. Louis, St. Louis, MO

**Algin B. Garrett, MD, FACMS**, Virginia Commonwealth University, Richmond, VA

**Cerrene N. Giordano, MD**, Mount Sinai, New York, NY

**Hayes B. Gladstone, MD, FACMS**, Gladstone Clinic, San Ramon, CA

**Lindsey Goddard, MD**, Loma Linda University, Loma Linda, CA

**Glenn D. Goldman, MD, FACMS**, University of Vermont Medical Center, Burlington, VT

**Ankit Gor, MD**, University of Vermont Medical Center, Burlington, VT

**Allison M. Hanlon, MD, PhD, FACMS**, Vanderbilt University, Nashville, TN

**Spencer Heaton, MD, MBA**, ArborMetrix, Ann Arbor, MI

**James T. Highsmith, MD, MS**, Dermatology Surgery Institute, Lutz, FL

**S. Tyler Hollmig, MD**, Stanford Healthcare, Redwood City, CA

**Todd E. Holmes, MD, FACMS**, Fletcher Allen Health Care, Charlotte, VT

**Eva A. Hurst, MD, FACMS**, Washington University School of Medicine, St. Louis, MO

**Walayat Hussain, MD, FACMS**, Leeds Centre for Dermatology, Leeds, United Kingdom

**Sherrif F. Ibrahim, MD, PhD, FACMS**, University of Rochester, Rochester, NY

**Nathaniel J. Jellinek, MD, FACMS**, Dermatology Professionals, Inc., East Greenwich, RI

**Ann M. John, MD**, Rutgers Robert Wood Johnson Medical School, Somerset, NJ

**Hillary Johnson-Jahangir, MD, PhD, FACMS**, University of Iowa, Iowa City, IA

## Invited Faculty and Guest Speakers

**Andrew J. Kaufman, MD, FACP, FACMS**, The Center for Dermatology Care, Thousand Oaks, CA

**Alexander W. Kennon, MD**, Dermatologic Surgical Specialist PC, Macon, GA

**Katarina R. Kesty, MD, MBA**, Wake Forest University School of Medicine, Winston-Salem, NC

**Nour Kibbi, MD**, Yale University, New Haven, CT

**John Y. Kim, MD**, Northwestern University, Chicago, IL

**Thomas J. Knackstedt, MD**, Cleveland Clinic Foundation, Cleveland, OH

**Irèn Kossintseva, MD**, Dermatologic Surgery Centre, Vancouver, BC, Canada

**Shlomo Koyfman, MD**, Cleveland Clinic Foundation, Cleveland, OH

**Aleksandar L.J. Kronic, MD, PhD, FACMS**, Innovative Dermatology, Chicago, IL

**Young J. Kwak, MD**, DermSurgery Associates, Houston, TX

**Nirusha Lachman, PhD**, Mayo Clinic, Rochester, MN

**Charlene Lam, MD, MPH**, Penn State Hershey, Hershey, PA

**Naomi Lawrence, MD, FACMS**, Cooper University Hospital, Marlton, NJ

**David J. Leffell, MD, FACMS**, Yale Dermatologic Surgery, New Haven, CT

**Justin J. Leitenberger, MD, FACMS**, Oregon Health & Science University, Portland, OR

**Jesse M. Lewin, MD**, Columbia University Medical Center/New York Presbyterian Hospital, New York, NY

**Boris D. Lushniak, MD, MPH**, University of Maryland, College Park, MD

**Deborah F. MacFarlane, MD, MPH, FACMS**, MD Anderson Cancer Center, Houston, TX

**Mariam Mafee, MD**, University of Wisconsin-Madison, Madison, WI

**Ian A. Maher, MD, FACMS**, Saint Louis University, St. Louis, MO

**Juan-Carlos Martinez, MD, FACMS**, Mayo Clinic, Jacksonville, FL

**Michel A. McDonald, MD, FACMS**, Vanderbilt University, Nashville, TN

**Michael R. Migden, MD, FACMS**, UT-MD Anderson Cancer Center, Houston, TX

**Brett Miller, MD**, Dermatology Professionals, Doylestown, PA

**Christopher J. Miller, MD, FACMS**, Hospital of the University of Pennsylvania, Philadelphia, PA

**Misha D. Miller, MD, FACMS**, University of Colorado, Aurora, CO

**Stanley J. Miller, MD, FACMS**, Stanley J. Miller, MD, PA, Towson, MD

**Bharat B. Mittal, MD, FACR, FASTRO**, Northwestern University, Chicago, IL

**Donald E. Neal, BA**, Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA

**Kishwer S. Nehal, MD, FACMS**, Memorial Sloan Kettering Cancer Center, New York, NY

**Elise Ng, MD**, Johns Hopkins Outpatient Center, Baltimore, MD

**Tri H. Nguyen, MD, FACMS**, Texas Surgical Dermatology PA, Pearland, TX

**Rajiv I. Nijhawan, MD**, University of Texas Southwestern Medical Center, Dallas, TX

**Ivy I. Norris**, University of Vermont Medical Center, Burlington, VT

**Suzanne M. Olbright, MD, FACMS**, Beth Israel Deaconess Medical Center, Boston, MA

**Anna Pavlick, BSN, MSc, DO, MBA**, NYU Medical Oncology Associates, New York, NY

**Adam Perry, MD**, Marietta Dermatology, Marietta, GA

**Whitney L. Pollard, DO**, San Antonio Uniformed Services Health Education Consortium, JBSA-Lackland, TX

**Molly C. Powers, MD**, Zitelli and Brodland Skin Cancer Center, Clairton, PA

**Desiree Ratner, MD, FACMS**, Beth Israel Cancer Center West, New York, NY

**Howard W. Rogers, MD, PhD, FACMS**, Advanced Dermatology, Norwich, CT

**Thomas E. Rohrer, MD, FACMS**, SkinCare Physicians, Chestnut Hill, MA

**Anthony Rossi, MD, FACMS**, Memorial Sloan Kettering Cancer Center, New York, NY

**Steven M. Rotter, MD, FACMS**, Forefront Dermatology, Vienna, VA

**Emily S. Ruiz, MD, MPH**, Brigham and Women's Hospital, Boston, MA

**Mark A. Russell, MD, FACMS**, University of Virginia Health System, Charlottesville, VA

**Paul J. M. Salmon, MD, FACMS**, Skin Centre, Bay of Plenty, Tauranga, New Zealand

**Sandeep Samant, MD**, Northwestern University, Chicago, IL

**Faramarz H. Samie, MD, PhD, FACMS**, Columbia University Medical Center, New York, NY

**Chrysalyne D. Schmults, MD, MSCE, FACMS**, Mohs and Dermatologic Surgery Center, Jamaica Plain, MA

**Jeffrey F. Scott, MD**, University Hospitals Cleveland Medical Center, Cleveland, OH

**Christine M. Shaver, MD**, UCLA, Los Angeles, CA

**Thuzar M. Shin, MD, PhD**, University of Pennsylvania, Philadelphia, PA

**Maral K. Skelsey, MD**, Georgetown University, Washington, DC

**Joseph F. Sobanko, MD, FACMS**, Hospital of the University of Pennsylvania, Philadelphia, PA

**Ally-Khan Somani, MD, PhD**, Indiana University School of Medicine, Indianapolis, IN

**Teresa Soriano, MD, FACMS**, UCLA, Los Angeles, CA

**Natalia M.K. Spierings, BSc, MBBS, MRCP(UK), MBA**, Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom

**Alison M. Spiker, MD**, Geisinger Medical Center, Danville, PA

**Divya Srivastava, MD, FACMS**, UT Southwestern Medical Center, Dallas, TX

**Mary Stevenson, MD**, NYU Medical Center, New York, NY

**Adam V. Sutton, MD, MBA**, Scripps Clinic, La Jolla, CA

## Invited Faculty and Guest Speakers

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**Nikki D. Tang, MD**, Johns Hopkins, Baltimore, MD

**Vitaly Terushkin, MD**, David Becker, MD, PC, New York, NY

**Valencia D. Thomas, MD, FACMS**, Mohs & Derasurgery Center,  
Houston, TX

**Agnieszka K. Thompson, MD**, Wausau, WI

**Richard L. Torbeck, III, MD**, Icahn School of Medicine at Mount Sinai  
Hospital System, New York, NY

**Joshua Trufant, MD**, Jefferson Dermatology Associates, Philadelphia, PA

**Marta J. VanBeek, MD, FACMS**, University of Iowa Hospitals & Clinics,  
Iowa City, IA

**Nahid Y. Vidal, MD**, Dartmouth Hitchcock Medical Center, Hanover, NH

**Allison T. Vidimos, MD, RPh, FACMS**, Cleveland Clinic Foundation,  
Cleveland, OH

**Christine H. Weinberger, MD, FACMS**, University of Vermont Medical  
Center, Burlington, VT

**Andrea Willey, MD, FACMS**, Andrea Willey, MD Surgical & Aesthetic  
Dermatology, Sacramento, CA

**Ashley Wysong, MD, MS**, USC/Keck School of Medicine, Los Angeles,  
CA

**Yaohui G. Xu, MD, PhD, FACMS**, University of Wisconsin-Madison,  
Madison, WI

**Simon S. Yoo, MD**, Northwestern University, Chicago, IL

**Summer R. Youker, MD, FACMS**, Skin Cancer Surgery Center,  
Sacramento, CA

**Siegrid S. Yu, MD, FACMS**, UCSF, San Francisco, CA

**Nathalie C. Zeitouni, MD, FACMS**, University of Arizona Cancer Center,  
Phoenix, AZ

**Isaac Zilinsky, MD, FACMS**, The Chaim Sheba Medical Center, Tel  
HaShomer, Israel

**John A. Zitelli, MD, FACMS**, UPMC Shadyside, Pittsburgh, PA

**Fiona O. Zwald, MD, MRCPI, FACMS**, Dermatology Consultants, PC,  
Atlanta, GA



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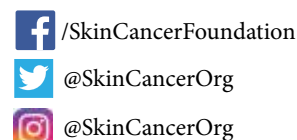
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## Scientific Program – Wednesday, May 2

8:00 am – 5:00 pm

### Fellows-in-Training Hands-on Cutaneous Flap Workshop

*Stevens Salon A-5/Lower Level  
(Non-CME Workshop)*

Workshop directors Drs. Mariah R. Brown, Jeremy Etzkorn and Ian A. Maher, alongside course faculty, will demonstrate and instruct fellows-in-training on how to perform multiple skin flaps on surgical training models. There will be one faculty member paired with two fellows-in-training for each surgical head. This will be an invaluable experience for fellows-in-training to gain individualized knowledge by working alongside experienced Mohs surgeons.

The workshop will take place at the Hilton Chicago, and the registration fee includes breakfast & lunch. *(for workshop registrants only). Families and pets are not permitted in the workshop. Service animals must have proper documentation.*

*Directors: Mariah R. Brown, MD, FACMS; Jeremy Etzkorn, MD, FACMS; Ian A. Maher, MD, FACMS*

*Faculty: Ramona Behshad, MD; William H. Black, MD, FACMS; David R. Carr, MD, FACMS; Bryan R. Carroll, MD, PhD, FACMS; Laurin Council, MD, FACMS; Algin B. Garrett, MD, FACMS; S. Tyler Hollmig, MD; Todd E. Holmes, MD, FACMS; Justin J. Leitenberger, MD, FACMS; Misha D. Miller, MD, FACMS; Thuzar M. Shin, MD, PhD; Christine H. Weinberger, MD, FACMS; Ashley Wysong, MD, MS; Isaac Zilinsky, MD, FACMS*

1:00 – 4:00 pm

### Hand & Nail Workshop

*Offsite – Northwestern University  
(Non-CME Workshop)*

Directed by Dr. Christopher Miller, this workshop is geared toward all levels of nail surgeons, from beginner and intermediate to advanced levels. It offers small group, hands-on experience practicing a variety of nail surgery techniques. Participants will be instructed on how to avulse the nail in several fashions (partial and complete), perform multiple different nail procedures (including punch, shave, longitudinal techniques), and for those with more advanced background, treat nail melanoma with en bloc excision of all nail tissues and perform nail flaps. Approaches to patient assessment, including surgical planning, equipment/suture selection, and anatomical considerations to optimize outcomes will be covered. Anatomy as it relates to safe surgical technique will be stressed. Fresh frozen cadaveric hands that allow for realistic hands-on practice will be utilized.

The workshop will take place at the Northwestern University Simulation Lab, and shuttle service will be provided for participants.

*Director: Christopher J. Miller, MD, FACMS*

*Faculty: Todd V. Cartee, MD, FACMS; Ashlynn H. Clark, MD; Ali A. Damavandy, MD; Aleksandar L.J. Kronic, MD, PhD, FACMS; Charlene Lam, MD, MPH; Brett Miller, MD; Adam Perry, MD; Joseph F. Sobanko, MD, FACMS; Ally-Khan Somani, MD, PhD, FACMS; Simon S. Yoo, MD*

6:00 – 8:00 pm

### Fellows-in-Training Mohs Surgery Histotechnology & Lab Set up Workshop

*Stevens Salon C-6/Lower Level  
(Non-CME Workshop)*

A high-quality microscopic slide is critical for complete diagnostic interpretation, resulting in optimal patient care. This workshop will cover grossing/mapping, embedding, hands-on cryosectioning and routine staining. How does the surgical component affect the laboratory outcome? We will also discuss lab set up, including the CLIA application process.

*Director: Linda Cesario, DPM, HT (ASCP)*

## Scientific Program – Thursday, May 3

**7:00 – 8:15 am**

### Concurrent Morning Mini-Sessions

#### 103.1 Eyelid and Periocular Reconstruction ♦

*Stevens Salon A-1/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Develop reproducible strategies for minimization of eyelid displacement and scarring;
- 2) Describe methods of flap and graft design and execution that enhance tissue delivery and vascular perfusion;
- 3) Detect key anatomic landmarks and dissection planes for pedicled and interpolation flaps of the eyelid.

*John G. Albertini, MD, FACMS; Joseph F. Sobanko, MD, FACMS*

#### 103.2 Non-melanoma Skin Cancer Staging

*Stevens Salon A-2/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Identify high-risk features of non-melanoma skin cancers;
- 2) Categorize non-melanoma skin cancers by different staging systems;
- 3) Utilize appropriate management strategies for high-stage non-melanoma skin cancers.

*Emily S. Ruiz, MD, MPH*

#### 103.3 Starting a Mohs Practice: What to do

*Stevens Salon A-3/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Identify needs of Mohs suite;
- 2) Arrange effective implementation and maintenance of lab and surgical suites;
- 3) Plan for execution of daily operations.

*Mary Stevenson, MD; Agnieszka K. Thompson, MD*

#### 103.4 Anticoagulants and the Mohs Patient

*Stevens Salon A-4/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Distinguish between the most commonly used traditional and novel antiplatelet and anticoagulant medications and their mechanisms of action and identify common non-prescription supplements that contribute to increased bleeding during surgery;
- 2) Compare the risk of surgical bleeding complication associated with different prescription and non-prescription medications and supplements;
- 3) Explain the pre-, peri-, and post-operative management of patients taking medications that increase risk for bleeding and how to manage potential complications.

*Elise Ng, MD; Nikki D. Tang, MD; Ashley Wysong, MD, MS*

#### 103.5 Refining Staged Repair Techniques ♦

*Stevens Salon A-5/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Describe modifications to improve cosmetic and functional outcomes of staged reconstructions;
- 2) Identify and avoid common pitfalls with staged surgical reconstructions.

*Mariah R. Brown, MD, FACMS; Todd E. Holmes, MD, FACMS*

**8:30 – 9:00 am**

### Welcome & AAD Update

*International Ballroom/Level 2*  
(0.50 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Identify the activities of the ACMS and its many committees;
- 2) Recognize the AAD's strategic focus and some of the activities in place to advance it;
- 3) Recognize the challenges and opportunities that the ACMS and AAD will face in the coming year.

*Allison T. Vidimos, MD, RPh, FACMS, ACMS President; John A. Carucci, MD, PhD, FACMS, Scientific Program Chair; Suzanne Olbricht, MD, FACMS, AAD President*

**9:00 – 9:45 am**

### Literature Review

*International Ballroom/Level 2*  
(0.75 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Identify the most important articles published in the last year most relevant to dermatologic surgery;
- 2) Examine articles pertaining to advances in the care of nail disease and melanoma;
- 3) Apply newly gained knowledge to improve patient care.

*Moderators: Jerry D. Brewer, MD, FACMS; Naomi Lawrence, MD, FACMS*  
*Speaker: Nathaniel J. Jellinek, MD, FACMS*

**9:30 am – 7:30 pm**

### Exhibit Hall Open

*Stevens Salon D/Lower Level*

**9:45 – 10:00 am**

### Break in the Exhibit Hall

*Stevens Salon D/Lower Level*  
(CME Not offered)



## Scientific Program – Thursday, May 3

### 10:00 – 11:00 am

#### Tromovitch Award Abstract Session

International Ballroom/Level 2

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Identify recent advances in cutaneous oncology and pathology;
- 2) Recognize the current state of the practice of Mohs surgery;
- 3) Recall young investigators' research and scholarly activities.

*Moderators: Cerrene N. Giordano, MD (2017 Tromovitch Award Abstract Winner); Michel A. McDonald, MD, FACMS (2017 Scientific Program Chair)*

### 10:00 – 10:07 am

#### Post-Procedural Perceptions Amongst Geriatric Patients Regarding Mohs Micrographic Surgery for Treatment of Non-Melanoma Skin Cancer

S. Alison Basak, MD, MA<sup>1</sup>; Nicholas J. Golda, MD<sup>2</sup>; Allison Sindle, MD<sup>2</sup>

1. Forefront Dermatology, St. Louis, MO
2. University of Missouri-Columbia, Columbia, MO

### 10:08 – 10:15 am

#### Risk Factors for Skin Cancer after Hematopoietic Cell Transplantation

Jeffrey F. Scott, MD<sup>1,2</sup>; Kevin R. Brough, MD<sup>3</sup>; Konstantin V. Grigoryan, MD<sup>3</sup>; Grace Y. Kim, BS<sup>3</sup>; Ruzica Conic, MD<sup>1,2</sup>; Sheena Tsai, BS<sup>1,2</sup>; Jerry D. Brewer, MD<sup>3</sup>; Christian L. Baum, MD<sup>3</sup>; Mark R. Litzow, MD<sup>3</sup>; William J. Hogan, MB, BCh<sup>3</sup>; Mrinal S. Patnaik, MBBS<sup>3</sup>; Shahrukh K. Hashmi, MD<sup>3</sup>; Hillard M. Lazarus, MD<sup>2</sup>; Jeremy S. Bordeaux, MD, MPH<sup>1,2</sup>; Cheryl L. Thompson, PhD<sup>2</sup>; Meg R. Gerstenblith, MD<sup>1,2</sup>; Julia S. Lehman, MD<sup>3</sup>

1. University Hospitals Cleveland Medical Center, Cleveland, OH
2. Case Western Reserve University School of Medicine, Cleveland, OH
3. Mayo Clinic, Rochester, MN

### 10:16 – 10:23 am

#### The Comparative Efficacy of N95, Laser, and Procedural Mask Filtration of Electrocautery Smoke Particulate Matter

Emily de Golian, MD<sup>1</sup>; Swati Kannan<sup>1</sup>; S. Brian Jiang, MD<sup>1</sup>

1. University of California-San Diego, San Diego, CA

### 10:24 – 10:31 am

#### The Utility of Imaging in Squamous Cell Carcinoma of the Nail Unit

Melanie A. Clark, MD<sup>1</sup>; Thomas J. Knackstedt, MD<sup>2</sup>

1. Medical College of Wisconsin, Milwaukee, WI
2. Cleveland Clinic Foundation, Cleveland, OH

### 10:32 – 10:39 am

#### Mohs Micrographic Surgery for SEER Registry-Captured Melanoma in situ and Other Rare Cutaneous Tumors: Comparing National Utilization Patterns Before and After Implementation of the Affordable Care Act (2010) and Appropriate Use Criteria (2012)

Sean Condon, MD<sup>1</sup>; Thomas J. Knackstedt, MD<sup>1</sup>

1. Cleveland Clinic Foundation, Cleveland, OH

### 10:40 – 10:47 am

#### Prediction of Poor Outcomes for Cutaneous Squamous Cell Carcinoma in Immunosuppressed Patients using American Joint Committee on Cancer 8th Edition and Brigham and Women's Hospital Staging Systems

Adam B. Blechman, MD<sup>1</sup>; John A. Carucci, MD, PhD<sup>1</sup>; Mary Stevenson, MD<sup>1</sup>

1. NYU Langone, New York, NY

### 10:48 – 10:55 am

#### Advanced Age and Skin Cancer Treatment: Functional Status and Outcomes

Adam V. Sutton, MD, MBA<sup>1,2</sup>; Shauna Higgins, MD<sup>2</sup>; Alex Ly, RN<sup>2</sup>; Shera Feinsteins<sup>2</sup>; Ryan Gilbertson<sup>1</sup>; Hugh T. Greenway, Jr., MD<sup>1</sup>; Ashley Wysong, MD, MS<sup>2</sup>

1. Scripps Clinic, La Jolla, CA
2. Keck Medicine of USC & LAC+USC Medical Center, Los Angeles, CA

### 11:00 am – 12:00 pm

#### Working with Your Radiation Oncologist

International Ballroom/Level 2

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Describe indications for radiotherapy in treating patients with non-melanoma skin cancers;
- 2) Review various techniques of radiotherapy and their respective side effect profiles;
- 3) Explore limitations to radiotherapy in high-risk disease and highlight opportunities for incorporating additional therapies.

*Moderator: Allison T. Vidimos, MD, RPh, FACMS*

*Guest Speaker: Shlomo Koyfman, MD*

### 12:00 – 1:00 pm

#### Networking Lunch in the Exhibit Hall

*Stevens Salon D/Lower Level; seating in Stevens Salon C (CME Not Offered)*

Enjoy lunch and the time to network with your colleagues!

## Scientific Program – Thursday, May 3

1:00 – 1:45 pm

### Video Reconstruction ♦

International Ballroom/Level 2  
(0.75 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Develop an approach that allows consideration and stratification of a variety of reconstructive options;
- 2) Identify nuances of flap design and execution that can help lead to consistent and predictable outcomes;
- 3) Incorporate surgical techniques into their repertoire to improve patient outcomes.

*Moderators:* Jerry D. Brewer, MD, FACMS; Juan-Carlos Martinez, MD, FACMS  
*Speakers:* Earl E. Bain, III, MD; Christopher J. Miller, MD, FACMS; John A. Zitelli, MD, FACMS

1:45 – 2:30 pm

### Novel Approaches to Aggressive Skin Cancers

International Ballroom/Level 2  
(0.75 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Describe recent advances in the management of patients with metastatic Merkel cell carcinoma, including the use of immune checkpoint inhibitors;
- 2) Recall the role of alternative dosing regimens with hedgehog inhibitors with regard to tumor response, patient tolerability and adverse events.

*Moderators:* Scott W. Fosko, MD, FACMS; Stanley J. Miller, MD, FACMS  
*Guest Speaker:* Anna Pavlick, BSN, MSc, DO, MBA

### Advances in Metastatic Merkel Cell Carcinoma

Christopher K. Bichakjian, MD, FACMS

### Hedgehog Inhibitors: Alternative Dosing Update

Scott W. Fosko, MD, FACMS

2:30 – 3:15 pm

### High-Risk Tumors ♦

International Ballroom/Level 2  
(0.75 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Identify highest risk tumors;
- 2) Select appropriate workup and treatment algorithms;
- 3) Manage patients with high risk disease through multimodal approach.

*Moderators:* Sarah T. Arron, MD, PhD, FACMS; Mary Stevenson, MD  
*Speakers:* Sherif F. Ibrahim, MD, PhD, FACMS; Michael R. Migden, MD, FACMS

3:15 – 4:15 pm

### Clinical Pearls Abstract Session

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to identify new research developments in Mohs surgery and oncology.

*Moderators:* Matthew C. Fox, MD, FACMS; Siegrid S. Yu, MD, FACMS

3:15 – 3:21 pm

### Distally-Based Flaps Relying on a Perforating Branch from the Dorsal Metacarpal Artery (DMA) for Proximal Phalanx Defects after Mohs Surgery

Donald E. Neal, BA<sup>1</sup>; Joseph F. Sobanko, MD<sup>2</sup>; Jeremy R. Etzkorn, MD<sup>2</sup>

1. Sidney Kimmel Medical College at Thomas Jefferson University, Philadelphia, PA

2. University of Pennsylvania, Philadelphia, PA

3:23 – 3:29 pm

### Mohs Micrographic Surgery as Peripheral Margin Control in Large Cutaneous Neoplasms in a Multidisciplinary Setting

Daniel Bernstein, MD<sup>1,2</sup>; Richard L. Torbeck, III, MD<sup>1</sup>; Sara Giddings<sup>1</sup>; Hooman Khorasani, MD<sup>1</sup>

1. Icahn School of Medicine at Mount Sinai Hospital System, New York, NY

2. Medical Dermatology & Cosmetic Surgery Centers, New York, NY

3:31 – 3:37 pm

### Four Challenging Lip Cases for the Mohs Surgeon

Nour Kibbi, MD<sup>1</sup>; Sean R. Christensen, MD, PhD<sup>1</sup>; David Leffell, MD<sup>1</sup>; Christine Ko, MD<sup>1</sup>; Kathleen Suozzi, MD<sup>1</sup>

1. Yale University, New Haven, CT

3:39 – 3:45 pm

### Squamous Cell Carcinoma in situ of the Penis Involving the Glans and Urethra: A Multidisciplinary Approach

Alexander W. Kennon, MD<sup>1</sup>; Lancing Patterson, MD<sup>2</sup>; Steven M. Kent, MD<sup>3</sup>; David E. Kent, MD<sup>1</sup>

1. Dermatologic Surgical Specialist PC, Macon, GA

2. Southeastern Urology Associates, Macon, GA

3. Mercer University School of Medicine, Macon, GA

3:47 – 3:53 pm

### Simultaneous Lateral Tarsal Strip and Medial Spindle Procedures for Cicatricial Ectropion

Lindsey Goddard, MD<sup>1</sup>; Cameron Chesnut, MD<sup>2,3</sup>

1. Loma Linda University, Loma Linda, CA

2. Chesnut MD Cosmetics at Dermatology Specialists of Spokane, Spokane, WA

3. University of Washington School of Medicine, Spokane, WA

## Scientific Program – Thursday, May 3

### 3:55 – 4:01 pm

#### Sarcomatoid Variant of Cutaneous Squamous Cell Carcinomas: Analysis of Cases Found at a Single Tertiary-Referral Center Over 18 Years

Kristin Bibee, MD, PhD<sup>1</sup>; Bryan T. Carroll, MD, PhD<sup>1</sup>; Vladamir Lamm, MD<sup>1</sup>; Melissa Pugliano-Mauro, MD<sup>1</sup>; Timothy Patton, DO<sup>1</sup>

1. University of Pittsburgh, Pittsburgh, PA

### 4:03 – 4:09 pm

#### Fetal Bovine Collagen Matrix: Our Experience with 46 Patients Including Case Examples and Proper Coding and Billing of a Novel Outpatient Product

Katarina R. Kesty, MD, MBA<sup>1</sup>; John G. Albertini, MD<sup>1,2</sup>

1. Wake Forest University School of Medicine, Winston-Salem, NC

2. Skin Surgery Center, Winston-Salem, NC

### 4:15 – 5:15 pm

#### Cost vs. Value in Treating Skin Cancer

*International Ballroom/Level 2*

*(1.00 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Quantify the burden of skin cancer in the United States;
- 2) Quantify current spending stratified by cancer type and treatment modality;
- 3) Contrast the cost vs. value of skin cancer treatment modalities.

*Moderators: Emily S. Ruiz, MD, MPH; Chrysalyne D. Schmults, MD, MSCE, FACMS*

*Speakers:*

#### Burden of Skin Cancer in United States

*Marta J. VanBeek, MD, FACMS*

#### Skin Cancer Resource Allocation

*Emily S. Ruiz, MD, MPH*

#### Future Reimbursement of Mohs Surgery

*Brett M. Coldiron, MD, FACP, FACMS*

#### Value of Mohs Surgery

*John A. Zitelli, MD, FACMS*

### 5:30 – 7:30 pm

#### Exhibit Hall Grand Opening & Welcome Reception

*Stevens Salon D/Lower Level*

*(CME Not offered)*

Don't miss this chance to relax and unwind with colleagues. Hors d'oeuvres and beverages will be provided for your enjoyment.

## Scientific Program – Friday, May 4

7:00 – 8:15 am

### Concurrent Morning Mini-Sessions

#### 202.1 Reconstruction of the Columella and Soft Triangle ♦

*Stevens Salon A-1/Lower Level*

(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Utilize single-stage reconstructions to repair operative wounds of the nasal supratip;
- 2) Tailor your paramedian forehead flaps and cheek to nose flaps to repair the thin, delicate areas of the distal nose and soft triangle;
- 3) Learn to use cartilage judiciously when reconstructing the soft triangle and columella.

*Glenn D. Goldman, MD, FACMS*

#### 202.2 IHC during Mohs

*Stevens Salon A-2/Lower Level*

(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Discuss the advantages, indications, and expanding role of immunohistochemical stains in Mohs micrographic surgery for melanoma and non-melanoma skin cancer;
- 2) Select proper clinical and histologic scenarios where special stains may assist in tumor diagnosis and extirpation and identify where potential pitfalls in their use may occur;
- 3) Identify the key laboratory components and staffing personnel that are essential for developing an in-house immunostain lab.

*Thuzar M. Shin, MD, PhD; Summer R. Youker, MD, FACMS*

#### 202.3 Evidence-Based Patient Safety in Dermatologic Surgery

*Stevens Salon A-3/Lower Level*

(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Cite the indications for preoperative antibiotics in dermatologic surgery;
- 2) Describe measures to prevent wrong site surgery, and to protect physicians and patients from exposure to surgical smoke;
- 3) Recall the literature regarding perioperative anticoagulant use, and clean versus sterile technique in dermatologic surgery, pain management and the safe use of electrosurgery with implantable devices.

*Jesse M. Lewin, MD; Joshua Trufant, MD*

#### 202.4 Perioperative Considerations for Mohs Surgery: Innovations in Care Delivery

*Stevens Salon A-4/Lower Level*

(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Describe useful technology or telehealth strategies for Mohs surgery and how it impacts the patient experience;
- 2) Identify advances in patient-centered surgical care and learn how to measure patient values, preferences, and outcomes;
- 3) Compare recently developed or trending methods for skin closure and wound care, including topical adhesives and skin closure systems.

*Hillary Johnson-Jahangir, MD, PhD, FACMS; Rajiv I. Nijhawan, MD; Anthony Rossi, MD, FACMS*

#### 202.5 Management of Extensive Field Disease

*Stevens Salon A-5/Lower Level*

(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Identify patients with field disease at high-risk for multiple skin cancers;
- 2) Select appropriate topical, systemic, or photodynamic therapy for patients with field disease;
- 3) Describe optimal use of destructive, excisional, and Mohs surgery in patients with multiple skin cancers.

*Sean R. Christensen, MD, PhD, FACMS; Andrea Willey, MD, FACMS*

8:30 – 9:30 am

### Scientific Abstract Session

*International Ballroom/Level 2*

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to identify new research developments in Mohs surgery and oncology.

*Moderators: Naomi Lawrence, MD, FACMS; Teresa Soriano, MD, FACMS*

8:30 – 8:37 am

#### Appropriate Use of Mohs Surgery in Immunocompromised Patients is High and Published Indications for Mohs Decrease Inappropriate Use

*Thuzar M. Shin, MD, PhD<sup>1</sup>; Victoria O'Malley<sup>1</sup>; Scott Tuttle<sup>1</sup>; Nicole Howe, MD<sup>1</sup>; Jeremy R. Etzkorn, MD<sup>1</sup>; Joseph F. Sobanko, MD<sup>1</sup>; David Margolis, MD, PhD<sup>1</sup>; Christopher J. Miller, MD<sup>1</sup>*

1. Hospital of the University of Pennsylvania, Philadelphia, PA



## Scientific Program – Friday, May 4

### 8:38 – 8:45 am

#### Benefit of Mohs Micrographic Surgery Over Wide Local Excision for Melanoma of the Head and Neck: A Rational Approach to Treatment

Addison M. Demer, MD<sup>1</sup>; Karl K. Vance, MD<sup>1,2</sup>; Nikoo Cheraghi, MD<sup>1</sup>; Hilary C. Reich, MD<sup>1,3</sup>; Peter K. Lee, MD, PhD<sup>1,4</sup>

1. University of Minnesota, Minneapolis, MN
2. Zel Skin & Laser Specialists, Edina, MN
3. Essentia Health, Duluth, MN
4. Park Nicollet, Saint Louis Park, MN

### 8:46 – 8:53 am

#### Reflectance Confocal Microscopy of Equivocal Lesions: To Remove or Not to Remove

Ann M. John, MD<sup>1</sup>; Attiya Haroon, MD, PhD<sup>1</sup>; Babar K. Rao, MD<sup>1,2</sup>

1. Rutgers Robert Wood Johnson Medical School, Somerset, NJ
2. Weill Cornell Medical College, New York, NY

### 8:54 – 9:01 am

#### Topical Application of the HH Inhibitor Patidegib Reduces Facial BCC Burden in Patients with Gorlin Syndrome

Catherine Harwood, MA, PhD<sup>1</sup>; John Lear, MD<sup>2</sup>; Ervin Epstein, Jr., MD<sup>3</sup>; Jean Y. Tang, MD, PhD<sup>4</sup>

1. Queen Mary University of London, London, United Kingdom
2. Manchester Academic Health Science Centre and Salford Royal NHS Foundation Trust, Salford, United Kingdom
3. PeellePharm, Inc, Orinda, CA
4. Stanford University School of Medicine, Redwood City, CA

### 9:02 – 9:09 am

#### A Gene Expression Profile Signature for Prediction of Recurrence Risk in Patients with Cutaneous Squamous Cell Carcinoma

Sarah T. Arron, MD, PhD<sup>1</sup>; Nathan Cleaver, DO<sup>2</sup>; Ian A. Maher, MD<sup>3</sup>; Sherif Ibrahim, MD, PhD<sup>4</sup>; David Panther, MD<sup>5</sup>; David G. Brodland, MD<sup>5</sup>; Kyle Covington, PhD<sup>6</sup>; Chrysalyne D. Schmults, MD, MSCE<sup>7</sup>; Jason Newman, MD<sup>8</sup>; Ashley Wysong, MD, MS<sup>9</sup>

1. UCSF, San Francisco, CA
2. Cleaver Dermatology, Kirksville, MO
3. St. Louis University, St. Louis, MO
4. University of Rochester, Rochester, NY
5. Zitelli & Brodland, P.C., Pittsburgh, PA
6. Castle Biosciences, Inc., Friendswood, TX
7. Brigham and Women's Hospital, Jamaica Plain, MA
8. University of Pennsylvania, Philadelphia, PA
9. USC, Los Angeles, CA

### 9:10 – 9:17 am

#### Melanomas of the Head and Neck Have High Risk Features for Local Recurrence and Require Tissue Rearranging Reconstruction More Commonly than BCC and SCC: A Comparison of Indications for MMS in 13,664 Tumors

William C. Fitts<sup>1</sup>; Jeremy R. Etzkorn, MD<sup>1</sup>; Joseph F. Sobanko, MD<sup>1</sup>; Thuzar M. Shin, MD<sup>1</sup>; Nicole M. Howe<sup>1</sup>; Mehul Bhatt, MBA<sup>1</sup>; Christopher J. Miller, MD<sup>1</sup>

1. University of Pennsylvania, Philadelphia, PA

### 9:18 – 9:25 am

#### Development of an Expert Consensus Guideline for Skin Cancer Screening in Solid Organ Transplant Recipients in the United States

Lauren D. Crow, MD, MPH<sup>1,2</sup>; Sarah T. Arron, MD, PhD<sup>1</sup>; Christina Chung, MD<sup>3</sup>; Anokhi Jambusaria-Pahlajani, MD<sup>4</sup>; Stefan Lowenstein, BS<sup>1</sup>

1. UCSF, San Francisco, CA
2. University of Arizona, Phoenix, AZ
3. Drexel Medicine, Philadelphia, PA
4. Baylor, Scott & White, Round Rock, TX

### 9:30 – 10:15 am

#### Public Health and Dermatology – Preventing Skin Cancer

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Name the core public health functions as they apply to skin cancer;
- 2) Describe the components of the public health model;
- 3) Identify the main public health successes as they apply to skin cancer prevention.

*Keynote Speaker: Boris D. Lushniak, MD, MPH*

### 10:00 am – 6:30 pm

#### Exhibit Hall Open

*Stevens Salon D/Lower Level*

## Scientific Program – Friday, May 4

**10:15 – 11:00 am**

### How Would You Reconstruct It? ♦

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Evaluate the anatomy and repair options for Mohs defects of the lip, nose, eyelid, and ear;
- 2) Analyze the advantages and disadvantages of different repair options for defects of the lip, nose, eyelid, and ear;
- 3) Choose and describe the most appropriate surgical repair option for various defects of the lip, nose, eyelid, and ear.

*Moderators: Jeremy S. Bordeaux, MD, MPH, FACMS; Hayes B. Gladstone, MD, FACMS*

*Speakers:*

#### Auricular Defect

*Ian A. Maher, MD, FACMS*

#### Perioral Defect

*Katharine L. Ball, MD, FACMS*

#### Nasal Defect

*John A. Carucci, MD, PhD, FACMS*

#### Periocular Defect

*Iren Kossintseva, MD*

**11:00 – 11:15 am**

### Break in the Exhibit Hall

*Stevens Salon D/Lower Level*

*(CME Not offered)*

**11:15 am – 12:00 pm**

### Tumor Board ♦

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Describe complex tumor presentations;
- 2) Apply appropriate workup methods for evaluation;
- 3) Select and implement appropriate evidence-based treatment.

*Moderators: Sarah T. Arron, MD, PhD, FACMS; Marc D. Brown, MD, FACMS*

*Panelist: David J. Leffell, MD, FACMS*

*Guest Panelists: Shlomo Koyfman, MD; Anna Pavlick, BSN, MSc, DO, MBA*

**12:15 – 2:00 pm**

### ACMS Annual Business Meeting & Lunch



*International Ballroom/Level 2 for ACMS members only*

*Stevens Salon D/Lower Level for non-Members*

*(Non-CME session)*

ACMS members are encouraged to attend the annual membership Business Meeting and lunch. This important meeting brings members up to date on issues of significance. The winners of the prestigious Frederic E. Mohs Award and Distinguished Service Award will be recognized.

**2:00 – 2:15 pm**

### Break in the Exhibit Hall

*Stevens Salon D/Lower Level*

*(CME Not offered)*

## Scientific Program – Friday, May 4

**2:15 – 3:00 pm**

### Case-Based Anatomy

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Review anatomy in areas frequented by Mohs surgeons;
- 2) Identify relevant anatomic structures important to form and function;
- 3) Apply anatomic knowledge to optimize surgical planning and implementation.

*Moderator: Mark A. Russell, MD, FACMS*

*Guest Speaker: Nirusha Lachman, PhD*

**3:00 – 4:00 pm**

### Video Session: Refining your Reconstructive Approach ♦

*(1.00 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Identify specific dissection planes, perforator vessels, and facial muscles that enhance flap viability;
- 2) Design and implement flap reconstructions that preserve facial contours and minimize scars and free margin displacement;
- 3) Avoid and address complications that may be unique to these flap reconstructions.

*Moderator: Joseph F. Sobanko, MD, FACMS*

*Speakers:*

#### Finessing nasal and auricular flaps

*Desiree Ratner, MD, FACMS*

#### Harnessing the frontalis muscle for forehead defects

*Walayat Hussain, MD, FACMS*

#### Harnessing the nasalis muscle for nasal defects

*Todd E. Holmes, MD, FACMS*

#### Finessing flaps for the periocular and perioral regions

*Ashley Wysong, MD, MS*

#### Tunneled cheek flaps for apical triangle preservation

*Christopher J. Miller, MD, FACMS*

**4:00 – 4:45 pm**

### EHR: Managing the Many Images & Navigating Electronic Documenting

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Assess approaches to managing images from multiple electronic technologies;
- 2) Identify electronic documenting requirements within MIPS or advanced APM programs;
- 3) Better apply one's information technology (IT) to facilitate patient care and reduce burnout.

*Moderator: Erin S. Gardner, MD, FACMS*

**4:45 – 5:30 pm**

### Transplant Oncology Update

*International Ballroom/Level 2*

*(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Describe pre- and post-operative management of aggressive skin cancer including the management of BAPoma lesions and SCC in immunosuppressed patients;
- 2) Explain the use of adjuvant systemic therapies in the immunosuppressed patient;
- 3) Review scientific contribution to our understanding of best management of melanoma in organ transplant patients.

*Moderators: Matthew C. Fox, MD, FACMS; Fiona O. Zwald, MD, MRCPI, FACMS*

*Speakers: Justin J. Leitenberger, MD, FACMS; Ashley Wysong, MD, MS*

**5:45 – 6:45 pm**

### Program Directors' Session

*Steven Salon A-5/Lower Level*

*(Non-CME session)*

**6:45 – 8:00 pm**

### Fellows-in-Training Reception

*(CME Not offered)*

## Scientific Program – Saturday, May 5

7:00 – 8:15 am

### Concurrent Morning Mini-Sessions

#### 302.1 Managing Merkel Cell, EMPD, Sebaceous Carcinoma and Less Common NMSC ♦

*Stevens Salon A-1/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Review evaluation, work-up and treatment options of uncommon skin tumors;
- 2) Discuss management of advanced tumors;
- 3) Discuss a multidisciplinary approach to managing rare skin cancers.

*Allison M. Hanlon, MD, PhD, FACMS; Eva A. Hurst, MD, FACMS; Siegrid S. Yu, MD, FACMS; Nathalie C. Zeitouni, MD, FACMS*

#### 302.2 Managing Tension in the Periocular Region during Reconstruction ♦

*Stevens Salon A-2/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Describe and assess the tensional forces around the eye;
- 2) Design flaps and use suspension sutures to optimize tension;
- 3) Correct ectropion and webbing.

*Andrea Willey, MD, FACMS*

#### 302.3 Cheek Reconstruction Tips

*Stevens Salon A-3/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Refine techniques for linear closure on the cheek;
- 2) Select appropriate flaps and design for cheek defects to avoid pull on free margins;
- 3) Describe facial anatomy relevant to cheek reconstruction and incorporate pearls from face lifting into cheek repairs.

*Anna A. Bar, MD, FACMS; Cameron Chesnut, MD; Justin J. Leitenberger, MD, FACMS*

#### 302.4 Approach to Managing Wounds of the Scalp, Neck, Hands, Legs and Feet

*Stevens Salon A-4/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Describe multiple approaches to the management of surgical wounds on the head, neck and extremities;
- 2) Select an appropriate management option for a particular wound to maximize functional and aesthetic outcomes;
- 3) Plan and execute repairs with techniques that increase the chances of success.

*S. Tyler Hollmig, MD; Jesse M. Lewin, MD; Joshua Trufant, MD*

#### 302.5 Scar Revision

*Stevens Salon A-5/Lower Level*  
(1.25 Credit Hours)

At the conclusion of this session, participants should be able to:

- 1) Assess the most common types of scar abnormalities after dermatologic surgery;
- 2) Identify the available modalities to improve surgical scars;
- 3) Implement scar revision techniques for common post-operative complications.

*Mariah R. Brown, MD, FACMS; David R. Carr, MD, FACMS*

8:30 – 9:30 am

#### Optimizing Results in Nail Surgery ♦

*International Ballroom/Level 2*  
(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Apply pearls for performing nail surgery that will enhance the surgical experience for the patient and physician;
- 2) Select appropriate surgical technique for evaluating melanonychia and erythronychia;
- 3) Apply principles of Mohs surgery for management of various tumors of the nail unit.

*Moderators: Elizabeth M. Billingsley, MD, FACMS; Nathaniel J. Jellinek, MD, FACMS*

*Speakers: Brienne Cressey, MD; Thomas J. Knackstedt, MD; Thuzar M. Shin, MD, PhD*

9:30 am – 4:00 pm

#### Exhibit Hall Open

*Stevens Salon D/Lower Level*

9:30 – 10:15 am

#### Multidisciplinary Care of Complex Tumors ♦

*International Ballroom/Level 2*  
(0.75 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Determine when high risk tumors are best managed with multidisciplinary care;
- 2) Identify and describe risk factors for metastasis and treatment modalities to improve patient outcomes;
- 3) Recall the challenges of assessing and managing regional and distant disease in patient with complex and high risk skin cancer.

*Moderator: Murad Alam, MD, MSCI, MBA, FACMS*

*Guest Speakers: John Y. Kim, MD; Bharat B. Mittal, MD, FACR, FASTRO; Sandeep Samant, MD*

10:15 – 10:30 am

#### Break in the Exhibit Hall

*Stevens Salon D/Lower Level*  
(CME Not offered)



## Scientific Program – Saturday, May 5

### 10:30 – 11:15 am

#### Case-Based Coding

*International Ballroom/Level 2  
(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Accurately bill for multiple sites and multiple procedures on the same day;
- 2) Document effectively to persevere when audited;
- 3) Identify changes to CPT for 2018.

*Moderator: Glenn D. Goldman, MD, FACMS*

*Speaker: John G. Albertini, MD, FACMS*

### 11:15 am – 12:00 pm

#### Mohs, MIPS & MACRA: Let's Drive this Train and Own Our Future

*International Ballroom/Level 2  
(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Determine how MACRA affects the average Mohs surgery practice;
- 2) Identify opportunities for ACMS to be the leader in identifying quality benchmarks;
- 3) Delineate how a Mohs surgery practice can position itself for the next iteration of healthcare.

*Moderator: Marta J. VanBeek, MD, FACMS*

### 12:00 – 1:00 pm

#### Lunch in the Exhibit Hall

*Stevens Salon D/Lower Level; seating in Stevens Salon C  
(CME Not offered)*

### 1:00 – 2:00 pm

#### Video Session: Reconstructive Options for Mohs Surgeons

*International Ballroom/Level 2  
(1.00 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Define tactical approaches to reconstructing facial defects with a variety of closure techniques;
- 2) Develop an approach enabling favorable reconstructive solutions to complex defects with high functional and aesthetic relevance;
- 3) Develop the ability to execute multiple reconstructive options for specific defects resulting from skin cancer removal.

*Moderators: Andrew J. Kaufman, MD, FACP, FACMS; Thomas E. Rohrer, MD, FACMS*

*Speakers: David G. Brodland, MD, FACMS; Laurin Council, MD, FACMS; Tri H. Nguyen, MD, FACMS; Steven M. Rotter, MD, FACMS; Chrysalyne D. Schmults, MD, MSCE, FACMS; Joseph F. Sobanko, MD, FACMS; John A. Zitelli, MD, FACMS*

### 2:00 – 3:00 pm

#### Reconstruction Conundrums: Simple vs. Complex ♦

*International Ballroom/Level 2  
(1.00 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) Select appropriate closures for common Mohs defects in cosmetically sensitive locations;
- 2) Describe pros and cons of using simple techniques vs. complex flaps for reconstruction;
- 3) Recall the need to tailor each repair not only to the defect, but also to each individual patient's needs and expectations.

*Moderators: Anna A. Bar, MD, FACMS; Desiree Ratner, MD, FACMS*

*Speakers:*

#### Nose:

*Heidi B. Donnelly, MD, FACMS (Simple)  
Paul J. M. Salmon, MD, FACMS (Complex)*

#### Ear:

*Marc D. Brown, MD, FACMS (Simple)  
Ian A. Maher, MD, FACMS (Complex)*

#### Chin:

*Glenn D. Goldman, MD, FACMS (Simple)  
David G. Brodland, MD, FAAD, FACMS (Complex)*

### 3:00 – 3:15 pm

#### Break in the Exhibit Hall

*Stevens Salon D/Lower Level  
(CME Not offered)*

### 3:15 – 4:15 pm

#### Establishing the ACMS Registry

*International Ballroom/Level 2  
(1.00 Credit Hour)*

At the conclusion of this session, participants should be able to:

- 1) State the goals of the ACMS Registry;
- 2) Describe the role of subspecialty level data in the formation of Performance and Quality Measures;
- 3) Enumerate the importance of subspecialty data and Performance Measures in preparation for Value Based Payment and Alternative Payment Models.

*Moderators: Ian A. Maher, MD, FACMS; Howard W. Rogers, MD, PhD, FACMS*

*Speakers:*

#### Registry Basics: What, Why, and How?

*Ian A. Maher, MD, FACMS*

#### Understanding Payment and Data

*Howard W. Rogers, MD, PhD, FACMS*

#### Registry and EHRs: Making Data Collection Work for the Provider

*Spencer Heaton, MD, MBA*

## Scientific Program – Saturday, May 5

### 4:15 – 5:00 pm

#### Rapid Pearl Abstract Session

*International Ballroom/Level 2  
(0.75 Credit Hour)*

At the conclusion of this session, participants should be able to recall anecdotal pearls in Mohs surgery technique, frozen section pathology, reconstructive surgery, and practice management.

*Moderators: Jesse M. Lewin, MD; Faramarz H. Samie, MD, PhD, FACMS*

### 4:15 – 4:17 pm

#### Differentiating Epidermodysplasia Verruciformis-Like Features from Pagetoid Squamous Cell Carcinoma in situ on Mohs Micrographic Surgery Slide Sections

Mary-Katharine Collins, MD<sup>1</sup>; Melissa Pugliano-Mauro, MD<sup>1</sup>

1. University of Pittsburgh Medical Center, Pittsburgh, PA

### 4:18 – 4:20 pm

#### Partially De-Epithelialized Nasolabial Hinge Flap for Repair of Nasal Lining

Rajiv I. Nijhawan, MD<sup>1</sup>

1. University of Texas Southwestern Medical Center

### 4:21 – 4:23 pm

#### The Granny Knot: Technique for Single-Person Closure of High-Tension Defects

Whitney L. Pollard, DO<sup>1</sup>; Cory V. Trickett, DO<sup>1</sup>

1. San Antonio Uniformed Services Health Education Consortium, JBSA-Lackland, TX

### 4:24 – 4:26 pm

#### Swoosh Modification to Cheek Advancement Flaps for Upper Lip Reconstruction

Ivy I. Norris<sup>1</sup>; Todd E. Holmes, MD<sup>1</sup>

1. University of Vermont Medical Center, Burlington, VT

### 4:27 – 4:29 pm

#### Pain Indicators in Mohs Surgery with Minimal-Needle Insertion Technique

Young J. Kwak, MD<sup>1,2</sup>; David Wright, MD<sup>2</sup>; Leonard H. Goldberg, MD<sup>1</sup>

1. DermSurgery Associates, Houston, TX  
2. Houston Methodist Hospital, Houston, TX

### 4:30 – 4:32 pm

#### Incidental Merkel Cell Carcinoma Encountered During Mohs Surgery

Mariam Mafee, MD<sup>1</sup>; Daniel Bennett<sup>1</sup>; Andrew Swanson<sup>1</sup>

1. University of Wisconsin-Madison, Madison, WI

### 4:33 – 4:35 pm

#### High-Definition, Cost-Effective, and Point of View Video Recording for Dermatologic Surgery

Matthew LeBoeuf, PhD<sup>1</sup>; Ankit Gor<sup>1</sup>; David Chen, MD<sup>1</sup>

1. University of Vermont Medical Center, Burlington, VT

### 4:36 – 4:38 pm

#### Pitfalls in Frozen Section Pathology

Florencia Anatelli<sup>1</sup>; Maral K. Skelsey, MD<sup>2</sup>

1. Aurora Diagnostics, Sterling, VA  
2. Georgetown University, Washington, DC

### 4:39 – 4:41 pm

#### The RAST Flap

Natalia M.K. Spierings, BSc, MBBS, MRCP(UK), MBA<sup>1</sup>; Walayat Hussain, MD, MRCP(UK)<sup>1</sup>

1. Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom

### 4:42 – 4:44 pm

#### Internal Control for Extramammary Paget Disease

Alison M. Spiker, MD<sup>1</sup>; Victor J. Marks, MD<sup>1</sup>

1. Geisinger Medical Center, Danville, PA

### 4:45 – 4:47 pm

#### Management of Perimeatal Surgical Defect Following Mohs Micrographic Surgery on the Penis: A Novel Bandaging Technique

Alexander W. Kennon, MD<sup>1</sup>; Lancing Patterson, MD<sup>2</sup>; Steven M. Kent, MD<sup>3</sup>; David E. Kent, MD<sup>1</sup>

1. Dermatologic Surgical Specialist PC, Macon, GA  
2. Southeastern Urology Associates, Macon, GA  
3. Mercer University School of Medicine, Macon, GA

### 4:48 – 4:50 pm

#### Vermilion Advancement Flap

Ally-Khan Somani, MD, PhD<sup>1</sup>

1. Indiana University School of Medicine, Indianapolis, IN

### 4:51 – 4:53 pm

#### Simple and Effective Treatment of Reactive Post-Surgical Koebnerizing Keratoacanthomas

Molly C. Powers, MD<sup>1</sup>; David G. Brodland, MD<sup>1,2</sup>

1. Zitelli and Brodland Skin Cancer Center, Clairton, PA  
2. University of Pittsburgh, Pittsburgh, PA

## Scientific Program – Saturday, May 5

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### 4:54 – 4:56 pm

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#### Improving Smartphone Use in Medical Photography

James T. Highsmith, MD, MS<sup>1,2</sup>; Michael J. Highsmith, PhD<sup>2,3</sup>; David Weinstein, MD<sup>4</sup>

1. Dermatology Surgery Institute, Lutz, FL
2. Department of Veterans Affairs, Tampa, FL
3. University of South Florida, Tampa, FL
4. University of Central Florida College of Medicine, Orlando, FL

### 4:57 – 4:59 pm

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#### Large Lateral Canthal Defect Requiring Repair with a Combination of Cutaneous Flaps

Laura A. Nestor<sup>1</sup>; Michael Lavery<sup>1</sup>; Rupert B. Barry, MB, BCh, BAO<sup>1</sup>

1. St. James' Hospital, Dublin, Ireland

### 6:00 – 10:00 pm

#### 50th Anniversary Reception

Offsite at the Palmer House Hilton (transportation provided)

*(CME Not offered)* See page 15 for details.

## Scientific Program – Sunday, May 6

7:30 – 8:30 am

### Digital Diagnostic Quality Control Exam Review

International Ballroom/Level 2

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Recognize the false positives and false negatives in Mohs histopathology sections;
- 2) Improve dermatopathology skills to help distinguish benign findings from malignant processes;
- 3) Recognize errors in frozen-section tissue processing.

*Moderator: Sumaira Z. Aasi, MD, FACMS*

*Speakers: Bryan T. Carroll, MD, PhD, FACMS; S. Tyler Hollmig, MD; Vitaly Terushkin, MD; Valencia D. Thomas, MD, FACMS; Yaohui G. Xu, MD, PhD, FACMS*

8:30 – 8:45 am

### Fellow-in-Training Clinicopathologic Case Competition Award Winner

International Ballroom/Level 2

(0.25 Credit Hour)

At the conclusion of this session, participants should be able to recall an uncommon or rare pathology or that illustrate prototypical diagnostic challenges and keys to diagnosis or tumor detection.

*Moderator: Allison T. Vidimos, MD, RPh, FACMS*

*2018 Winner: Christine M. Shaver, MD*

8:45 – 9:45 am

### Melanoma Update

International Ballroom/Level 2

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Contrast the new 8th edition American Joint Committee on Cancer (AJCC) staging for melanoma with the previous staging system;
- 2) Describe the current management of patients with stage III melanoma, based on results of the Multicenter Selective Lymphadenectomy Trial (MSLT) II and recent advances in adjuvant therapy.

*Moderators: Christopher K. Bichakjian, MD, FACMS; Kishwer S. Nehal, MD, FACMS*

*Speakers:*

### Clinical Implications of New 8th edition AJCC Staging for Melanoma

*Kishwer S. Nehal, MD, FACMS*

### Current Management of Patients with Stage III Melanoma

*Christopher K. Bichakjian, MD, FACMS*

9:45 – 10:45 am

### Practical Pre- and Post-Op Considerations for Mohs Surgery

International Ballroom/Level 2

(1.00 Credit Hour)

At the conclusion of this session, participants should be able to:

- 1) Describe strategies to manage pain and anxiety related to Mohs surgery in the opioid epidemic era;
- 2) Learn to analyze prescribing patterns and optimize prescription medication use before and after Mohs surgery;
- 3) Define patient population segmentation and considerations for the advanced elderly.

*Moderator: Hillary Johnson-Jahangir, MD, PhD, FACMS*

*Speakers:*

### Treating pain and anxiety in the era of the opioid crisis

*Bryan T. Carroll, MD, PhD, FACMS*

### Plan B: When Mohs surgery is not the best option

*Marta J. VanBeek, MD, FACMS*

### Current concepts in skin of color patients

*Nahid Y. Vidal, MD*

### Pregnancy and lactation update

*Divya Srivastava, MD, FACMS*

### Peri-operative concerns in older patients

*Ramona Behshad, MD*

10:45 – 11:00 am

### Break

*(CME Not offered)*

11:00 am – 12:00 pm

### MOC Self-Assessment: Skin Cancer

International Ballroom/Level 2

*(Non-CME session)*

At the conclusion of this session, participants should be able to:

- 1) Define the appropriate work-up and management for patients with certain types or risk factors for skin cancer;
- 2) Identify appropriate surgical and pharmacologic management options for patients with skin cancer as well as mechanisms of action and side effects of the pharmacologic agents;
- 3) Recognize the necessary components for self-assessment submission in the Maintenance of Certification program through the American Board of Dermatology.

*Moderator: Deborah F. MacFarlane, MD, MPH, FACMS*

*Speakers: Travis W. Blalock, MD, FACMS; Charlene Lam, MD, MPH; Ashley Wysong, MD, MS; Siegrid S. Yu, MD, FACMS*

12:00 pm

### Meeting adjourns



## Poster Presentation List

Posters will be displayed in the Exhibit Hall (Stevens Salon D/Lower Level), and will be displayed from 11:00 am Thursday, May 3 through 4:00 pm Saturday, May 5.

Authors have been requested to stand by their poster to answer any questions during the following timeframes:

### Even Number Posters (2–56):

Thursday, May 3 from 12:00–1:00 pm

### Odd Number Posters (1–57):

Saturday, May 5 from 12:00–1:00 pm

1

#### **“Pin it Down:” Facilitating Mohs Tissue Preparation**

Natalia M.K. Spierings, BSc, MBBS, MRCP(UK), MBA<sup>1</sup>; Lisa Martin, RN<sup>1</sup>; Walyat Hussain, MD, MRCP(UK)<sup>1</sup>

1. Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom

2

#### **Determination of Sentinel Lymph Node Biopsy Eligibility Using a 31-Gene Expression Profile Test in Melanoma Patients**

Robert Cook<sup>1</sup>; Clare Johnson, RN<sup>1</sup>; Kyle Covington, PhD<sup>1</sup>; Federico Monzon, MD<sup>1</sup>

1. Castle Biosciences, Inc., Friendswood, TX

3

#### **The Effect of Lidocaine Dilution on Pain and Duration of Intradermal Anesthesia**

Randall Gunther, MS<sup>1</sup>; Elizabeth Stein<sup>1</sup>; Julia Harrington<sup>2</sup>; Lena Mak<sup>2</sup>; Tyler McBride<sup>2</sup>; Zaineb Makhzoumi, MD, MPH<sup>3</sup>; Zain U. Syed, MD<sup>4</sup>; Allan C. Harrington, MD<sup>2</sup>

1. University of North Carolina School of Medicine, Chapel Hill, NC
2. Anne Arundel Dermatology, Annapolis, MD
3. University of Maryland School of Medicine, Baltimore, MD
4. Skin Care Specialty Physicians, Lutherville, MD

4

#### **Post-Operative Infections After Complex Reconstruction: A Retrospective Review Comparing Rates of Infection With or Without Perioperative Antibiotics**

Adam B. Aronson<sup>1</sup>; Amanda J. Tschetter<sup>2</sup>; Matthew J. Landherr<sup>3</sup>; Nahid Y. Vidal<sup>4</sup>; Marta J. VanBeek, MD<sup>1</sup>

1. University of Iowa Hospitals and Clinics, Iowa City, IA
2. University of South Dakota, Vermillion, SD
3. Forefront Dermatology, Cedar Rapids, IA
4. Mayo Clinic, Rochester, MD

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#### **Pilot Study of Topical Itraconazole for the Treatment of Basal Cell Carcinomas in Gorlin Syndrome Patients**

Grace E. Kim, MD<sup>1</sup>; Gina Kwon, MD<sup>1</sup>; Irene Bailey-Healey, BS<sup>1</sup>; Amar Mirza, BS<sup>1</sup>; Raymon Whitson, PhD<sup>1</sup>; Tony Oro, MD, PhD<sup>1</sup>; Jean Y. Tang, MD, PhD<sup>1</sup>

1. Stanford University, Redwood City, CA

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#### **Recurrent Primary Cutaneous Adenoid Cystic Carcinoma in an African-American Patient with HIV: Excision Versus Mohs Micrographic Surgery**

Rodrigo Valdes-Rodriguez, MD<sup>1</sup>; Casey L. Ross, BA<sup>1</sup>; Abhishek Aphale, MD<sup>1,2</sup>

1. Temple University Hospital, Philadelphia, PA
2. Fox Chase Cancer Center, Rockledge, PA

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#### **Mohs Fellowship Training at Scripps Clinic, 1984–2018**

Hugh T. Greenway, Jr., MD<sup>1</sup>; Ryan Gilbertson, BS<sup>1</sup>; Judy Plis, BS, MBA<sup>1</sup>

1. Scripps Clinic, La Jolla, CA

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#### **Eccrine Porocarcinoma: New Insights and A Systematic Review of the Literature**

Reyna Swift, MD<sup>1</sup>; Azadeh Nazemi, MS<sup>1</sup>; Shauna Higgins, MD<sup>1</sup>; Maggie Chow, MD, PhD<sup>1</sup>; Ashley Wysong, MD, MS<sup>1</sup>

1. Keck Medicine at USC, Los Angeles, CA

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#### **Gabor-Domain Optical Coherence Microscopy: An in vivo Aid for Margin Delineation in Mohs Surgery**

Jonathan M. Soh, MD<sup>1</sup>; Patrice Tankam, PhD<sup>1</sup>; Mara Lanis, BS<sup>1</sup>; Adam Hayes, PhD<sup>1</sup>; Cristina Canavesi, PhD, MBA<sup>2</sup>; Andrea Cogliati, MS<sup>1,2</sup>; Jannick P. Rolland, PhD<sup>1,2</sup>; Sherref F. Ibrahim, MD, PhD<sup>1</sup>

1. University of Rochester Medical Center, Rochester, NY
2. LighTopTech, West Henriette, NY

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#### **Novel “Winged” Modified Keystone Flap for Repair of a Variety of Defects**

Katherine Hrynewycz, MD<sup>1</sup>; Prasanthi Kandula, MD<sup>1</sup>; Ally-Khan Somani, MD, PhD<sup>1</sup>

1. Indiana University, Indianapolis, IN

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#### **Blood Pressure Monitoring for Outpatient Dermatologic Surgery: A Survey of Mohs Surgeons**

Tejaswi Mudigonda, MD<sup>1</sup>; Daniel Christiansen, MD; Thomas Stasko, MD<sup>2</sup>

1. Washington University School of Medicine, St. Louis, MO
2. University of Oklahoma College of Medicine, Oklahoma City, OK

## Poster Presentation List

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### Eruptive Keratoacanthomas in the Setting of Anti-Retroviral Therapy Non-Compliance Managed with Serial Excision

Deanna Dickerman, MD<sup>1</sup>; Weston Wall, MD<sup>1</sup>; Sandra Tadros, BS<sup>1</sup>; Loretta Davis, MD<sup>1</sup>

1. Medical College of Georgia, Augusta, GA

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### Primary Cutaneous Clear Cell Sarcoma: A Diagnostic Dilemma

Geoffrey Lim<sup>1</sup>; Maral Rahvar<sup>1</sup>; Sonal Choudhary<sup>1</sup>; Jonhan Ho<sup>1</sup>; Melissa Pugliano-Mauro, MD<sup>1</sup>

1. University of Pittsburgh, Pittsburgh, PA

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### Pre-Incisional Transcutaneous Ligature for Hemostasis – the Worming Technique

Matthew Hand, MD<sup>1</sup>; Lindsey Goddard, MD<sup>2</sup>; Cameron Chesnut, MD<sup>1,3</sup>

1. Chesnut MD Cosmetics at Dermatology Specialists of Spokane, Spokane, WA
2. Loma Linda University, Loma Linda, CA
3. University of Washington School of Medicine, Spokane, WA

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### Neuroendocrine Type Composite Hemangioendothelioma: A Rare Vascular Neoplasm Treated with Mohs Micrographic Surgery

Jennifer Brooks, MD<sup>1</sup>; Sarah Telliard, BS<sup>2</sup>; Alison Spiker, MD<sup>1</sup>; Gabrielle Strike, PA-C<sup>3</sup>; Nicole Warner, MD<sup>4</sup>; Wells Chandler, MD<sup>1</sup>; Victor J. Marks, MD<sup>1</sup>

1. Geisinger, Danville, PA
2. Mercer University School of Medicine, Macon, GA
3. Children's Hospital of Wisconsin, Madison, WI
4. The Dermatology Group, Mason, OH

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### Bedside Management of Malignant Melanoma with Reflectance Confocal Microscopy

Hamza D. Bhatti, DO<sup>1</sup>; Attiya Haroon<sup>1</sup>; Bahar Firoz, MD, MPH<sup>1</sup>; Babar Rao, MD<sup>1,2</sup>

1. Rutgers University- Robert Wood Johnson Medical School, Somerset, NY
2. Weill Cornell Medical College, New York, NY

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### A Predictive Model for Primary Closure Lengths in Mohs Surgery Based on Skin Cancer Type, Dimensions and Location

Adam B. Blechman, MD<sup>1</sup>; Zachary Theroux, MD<sup>2</sup>; Mark A. Russell, MD<sup>3</sup>

1. NYU Langone, New York, NY
2. Stony Brook Health System, Stony Brook, NY
3. University of Virginia Health System, Charlottesville, VA

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### In-office Compounding of Lidocaine-Epinephrine: A Safe and Effective Method of Anesthesia Administration Prior to Skin Biopsy

Chelsea Kesty, BS<sup>1</sup>; Ross L. Pearlman<sup>1,2</sup>; Steven R. Feldman, MD, PhD<sup>1</sup>; Leah Cardwell, MD<sup>1</sup>; Katarina R. Kesty, MD, MBA<sup>1</sup>

1. Wake Forest University School of Medicine, Winston-Salem, NC
2. University of Alabama School of Medicine, Birmingham, AL

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### Narrow Pedicle Transposition Flap: A Novel Reconstructive Technique

Addison M. Demer, MD<sup>1</sup>; Lauren B. O'Neill, MD<sup>1,2</sup>; Angela E. Aakhus, MD<sup>3</sup>; Hilary C. Reich, MD<sup>4</sup>; Peter K. Lee, MD, PhD<sup>1,2</sup>

1. University of Minnesota, Minneapolis, MN
2. Park Nicollet, Saint Louis Park, MN
3. Sanford Health, Bemidji, MN
4. Essentia Health, Duluth, MN

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### Lentigo Maligna Melanoma Combined with Nodular Basal Cell Carcinoma Treated with Mohs Micrographic Surgery

Alex C. Holliday, MD<sup>1</sup>; George R. Collins, DO<sup>1</sup>; Kyle A. Prickett, MD<sup>1</sup>; Mariana A. Phillips, MD<sup>1</sup>

1. Virginia Tech Carilion Clinic, Roanoke, VA

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### The Effect of Lesion Rate of Change on Subsequent Stage Margins

Robert Fischer, MD<sup>1</sup>; Satori Iwamoto, MD, PhD<sup>1</sup>

1. Roger Williams Medical Center, Providence, RI

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### Zinc Chloride Astringent Treatment Helps Prevent Progression of Melanoma in situ

Norman A. Brooks, MD<sup>1</sup>

1. Skin Cancer Medical Center, Encino, CA

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### Evaluation of a New Generation Quaternary Ammonium Compound on Surgical Forceps

Carolyn A. Hardin, DO<sup>1</sup>; Jonathan F. Madden, MD<sup>1</sup>; Lori Henrichs, MS<sup>2</sup>; Mark D. Ervin, MD<sup>2</sup>; Joshua Lospinoso, PhD<sup>3</sup>; Thomas M. Beachkofsky, MD<sup>4</sup>

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## Poster Presentation List

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### Simple Solution to Perform Deep Sutures Without an Assistant

Collin M. Blattner, DO<sup>1</sup>; Benjamin Perry, DO<sup>1</sup>; William Lear, MD<sup>1</sup>

1. Silver Falls Dermatology, Salem, OR

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### A Retrospective Review and Comparison of Mohs Micrographic Surgical Cases Closed by Dermatologic Surgery (Mohs) Versus Plastic Surgery Services

Cynthia L. Nicholson<sup>1</sup>; Abdel K. El Tal<sup>2,3</sup>

1. Wayne State University, Dearborn, MI  
2. Dermatology Associates, Perrysburg, OH  
3. University of Toledo, Toledo, OH

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### Risk of Adverse Events Due to High Volumes of Local Anesthesia During Mohs Surgery

Charles Darragh, MD<sup>1</sup>; Nicholas Frank MD<sup>1</sup>; Brandon Danford, MD<sup>1</sup>; Lee Wheless, MD, PhD<sup>1</sup>; James R. Patrinely, MS<sup>1</sup>; Jason Arnold, MD<sup>2</sup>; Anna S. Clayton, MD<sup>1</sup>

1. Vanderbilt Medical Center, Nashville, TN  
2. Georgia Dermatology, Conyers, GA

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### Utilization of Mohs Micrographic Surgery in the Treatment of Merkel Cell Carcinoma

Lark G. Guss, MD, MSc<sup>1</sup>; Zachary D. Guss, MD, MSc<sup>2,3</sup>; Reith R. Sarkar<sup>3</sup>; Hugh T. Greenway, Jr., MD<sup>1</sup>; James Murphy, MD, MS<sup>3</sup>

1. Scripps Green Hospital, La Jolla, CA  
2. Johns Hopkins School of Medicine, Baltimore, MD  
3. University of California San Diego, La Jolla, CA

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### 2-Octyl-Cyanoacrylate vs. Nonabsorbable Suture: A Comparative Analysis of Cost and Complications

Lisa R. Chastant, MD<sup>1</sup>; Hillary Johnson-Jahangir, MD, PhD<sup>1,2</sup>

1. University of Iowa, Iowa City, IA  
2. Iowa City VA Health Care System, Iowa City, IA

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### Educational Videos and the Patient Experience in Mohs Micrographic Surgery

Ashley Decker, MD<sup>1</sup>; Josh Schimmel, BS<sup>1</sup>; Naomi Lawrence, MD<sup>1</sup>

1. Cooper Hospital/Rowan University, Marlton, NJ

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### Surgical Site Infections with Rare Organisms following Cutaneous Surgery: A Retrospective Review

Jessica B. Dietert, MD<sup>1</sup>; James Ko, MD<sup>1</sup>; Eva A. Hurst, MD<sup>1</sup>

1. Washington University in St. Louis, Creve Coeur, MO

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### Mohs Surgical Assessment Tool (MSAT) – An Assessment Tool to Objectively Assess Mohs Surgery Fellow's Surgical Skills via Intra-Operative Video Recording

Andrew Hankinson, MD<sup>1</sup>; Victor J. Marks, MD<sup>1</sup>; Alison Spiker, MD<sup>1</sup>; Mary Petrick, MD<sup>1</sup>; Michael L. Ramsey, MD<sup>1</sup>

1. Geisinger Health System, Danville, PA

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### Interpolation Flaps in the Outpatient Mohs Surgery Setting: Patient Comfort and Satisfaction Study

Victoria Godinez-Puig, MD<sup>1</sup>; Irèn Kossintseva, MD<sup>1</sup>; David M. Zloty, MD<sup>1</sup>

1. University of British Columbia, Vancouver, BC, Canada

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### Mohs Micrographic Surgery for Extramammary Paget's Disease: 40 Years Experience with 29 Patients

Christine Shaver, MD<sup>1</sup>; Richard G. Bennett, MD<sup>1</sup>

1. Bennett Surgery Center, Santa Monica, CA

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(Withdrawn)

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### Sub-Clinical Extension of Basal Cell Carcinoma Involving the Distal Nose: A Subtype Analysis

Rami Hamadeh El-Khayat, MD, MRCP<sup>1</sup>; Paul J. Salmon, BSc, MBChB, FRACP<sup>1</sup>; Neil J. Mortimer, BSc Hons, MBChB, FRCP, FRACP<sup>1</sup>

1. Skin Cancer Institute, Tauranga, New Zealand

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### The Utility of Mohs Micrographic Surgery with Final Permanent Section Analysis in Treating Lentigo Maligna and Lentigo Maligna Melanoma

Lauren P. Rimoin, MD<sup>1</sup>; Sarah Wilson, MD<sup>2</sup>; Kevin Luk<sup>2</sup>; Katarina Lequeux Nalovic<sup>2,3</sup>

1. Aurora Health Care, Waukesha, WI  
2. Emory University, Atlanta, GA  
3. Atlanta Skin Cancer Specialists, Atlanta, GA

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### A Novel Film-Forming Silicone-Based Wound Dressing to Minimize Infection and Prevent Dermatitis After Mohs Micrographic Surgery

Jonathan P. Staidle, MD<sup>1</sup>; Paul X. Benedetto, MD<sup>2</sup>; Ernest A. Benedetto, MD<sup>2</sup>; Anthony V. Benedetto, DO<sup>3,2</sup>

1. Skin Cancer and Dermatology Institute, Reno, NV  
2. Dermatologic SurgiCenter, Drexel Hill, PA  
3. Perelman School of Medicine, Philadelphia, PA

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Nikoo Cheraghi, MD<sup>1</sup>; Addison Demer, MD<sup>1</sup>; Andrew Meister, BS, HT (ASCP)<sup>2</sup>; Peter K. Lee, MD, PhD<sup>1,2</sup>

1. University of Minnesota, Minneapolis, MN
2. Park Nicollet, St. Louis Park, MN

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### Antibiotic Prophylaxis for Staged Interpolation Flaps Following Mohs Micrographic Surgery: A Single-Center Experience on Practice Variability

Pooja Chitgopeker, MBChB<sup>1</sup>; Zoe Brown-Joel, BS<sup>2</sup>; Jina Chung, MD<sup>1</sup>; Lisa Chastant<sup>1</sup>; Hillary Johnson-Jahangir, MD, PhD<sup>1</sup>; Marta VanBeek, MD, MPH<sup>1</sup>; Nkanyezi Ferguson, MD<sup>1</sup>

1. University of Iowa Hospitals and Clinics, Iowa City, IA
2. University of Iowa, Iowa City, IA

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### The Rhombic Flap: A Useful Flap for Small-Medium Size Defects of the Medial Canthus

Brienne D. Cressey, MD, MBA<sup>1</sup>; Nathaniel J. Jellinek, MD<sup>1,2</sup>

1. Dermatology Professionals, Inc, East Greenwich, RI
2. The Warren Alpert Medical School at Brown University, Providence, RI

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### Clinical and Histologic Factors Influencing Clearance Rates for Melanoma in situ Treated by Standard Excision

Kathleen C. Suozzi, MD<sup>1</sup>; Sean R. Christensen, PhD<sup>1</sup>; Gauri Panse<sup>1</sup>; David J. Leffell, MD<sup>1</sup>

1. Yale School of Medicine, New Haven, CT

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### Use of 5-0 Fast Absorbing Gut vs 6-0 Fast Absorbing Gut During Cutaneous Wound Closure on the Head and Neck: A Randomized Evaluator-Blinded Split-Wound Comparative Effectiveness Trial

Milene K. Crispin, MD<sup>1</sup>; Ashley K. Clark, MS, MAS<sup>2</sup>; Daniel B. Eisen, MD<sup>2</sup>

1. California Skin Institute, Carmel-By-The-Sea, CA
2. University of California-Davis, Sacramento, CA

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### Conservative Thickness Layers in Mohs Micrographic Surgery

Stanislav N. Tolkachjov, MD<sup>1</sup>; Jonathan A. Cappel, MD<sup>1</sup>; Elizabeth A. Bryant, BBA<sup>1</sup>; Christopher B. Harmon, MD<sup>1</sup>

1. Surgical Dermatology Group, Birmingham, AL

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### A Split-Scar Study Investigating the Effectiveness of Early Intervention with Electroabrasion on Improving the Cosmetic Appearance of Post-Surgical Scars

Brian Jiang, MD<sup>1</sup>; Swati Kannan, MD<sup>1</sup>

1. University of California-San Diego, San Diego, CA

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### The Incidence of Upstaging of Lentigo Maligna with Excisional Biopsies

Nathan J. Luby<sup>1</sup>; Glen M. Bowen, MD<sup>1</sup>

1. University of Utah, Salt Lake City, UT

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### Incidence, Treatment, and Survival in Undifferentiated Pleomorphic Sarcoma

Kyle Rismiller, BS<sup>1</sup>; Maria Ibanez, BS<sup>1</sup>; Brandon T. Beal, MD<sup>1</sup>; Thomas J. Knackstedt, MD<sup>1</sup>

1. Cleveland Clinic, Cleveland, OH

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### Association of Cutaneous Squamous Cell Carcinoma Outcomes with Area-Based Socioeconomic Indicators

Brandon T. Beal, MD<sup>1</sup>; David Xiong, BS<sup>1</sup>; Neil Woody, MD<sup>2</sup>; Allison T. Vidimos, MD, RPh<sup>1</sup>; Shlomo A. Koyfman, MD<sup>2</sup>; Hannah Cundall, BS<sup>1</sup>; Vamsi Varra, BS<sup>2</sup>; Kachiu Lee, MD, MPH<sup>3</sup>; Thomas J. Knackstedt, MD<sup>1</sup>

1. Cleveland Clinic Dermatology, Cleveland, OH
2. Cleveland Clinic Radiation Oncology, Cleveland, OH
3. Brown University Dermatology, Providence, RI

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### Complete Margin Assessment Techniques Versus Surgical Excision for the Treatment and Reconstruction of Non-Melanoma Skin Cancers: A Systematic Review and Pooled Analysis

Sophia Fraga<sup>1</sup>; Robert Besaw, MPH<sup>2</sup>; Chrysalyne D. Schmults, MD, MSCE<sup>1</sup>; Abigail Waldman, MD, MHS<sup>2,3</sup>

1. UPenn, Philadelphia, PA
2. Brigham and Women's Hospital, Boston, MA
3. Boston VA Hospital, Boston, MA

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### AIMS (Anxiolytics in Mohs Surgery) in Patient Satisfaction: a Randomized, Double Blinded, Placebo Controlled Trial

Danny Guo, MD, MSc<sup>1</sup>; David M. Zloty, MD<sup>1</sup>; Irèn Kossintseva, MD<sup>1</sup>

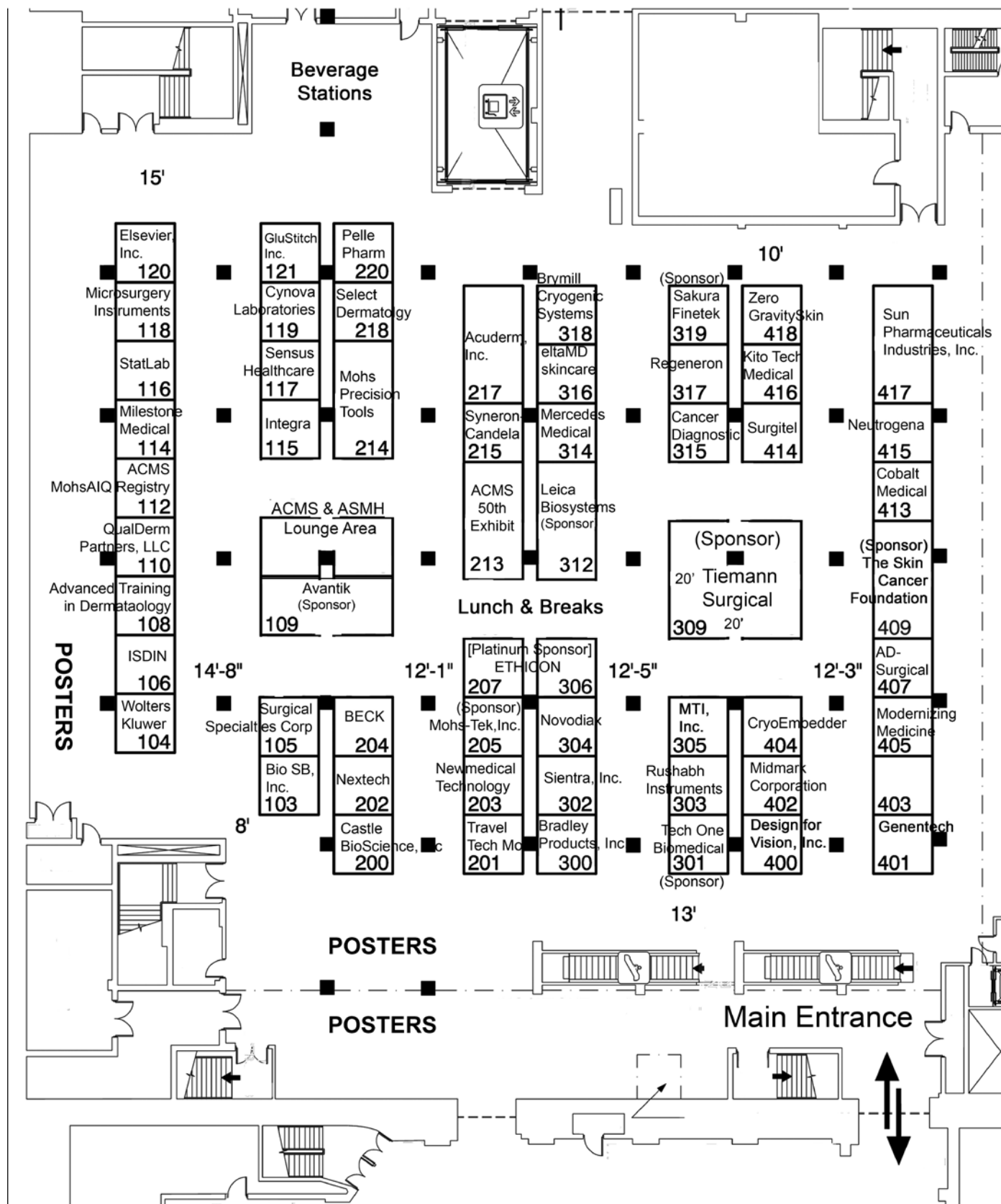
1. University of British Columbia, Vancouver, BC, Canada



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**Outcomes of Melanoma in situ and Invasive Melanoma Treated With Mohs Micrographic Surgery with and Without MART-1 Immunostain**  
Michael Heath, BS<sup>1</sup>; Anna A. Bar, MD<sup>1</sup>; Megan Woody, MD, MPH<sup>1</sup>; Justin J. Leitenberger, MD<sup>1</sup>  
1. Oregon Health and Science University, Portland, OR
- 52**  
**Mohs in the ‘Twilight Zone’**  
Natalia M.K. Spierings, MB, ChB, MRCP (UK), MBA<sup>1</sup>; Shelagh Turvill, FRCA<sup>1</sup>; Walayat Hussain, MRCP (UK)<sup>1</sup>  
1. Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom
- 53**  
**Preoperative Factors Predicting Greater Subclinical Extension of Nonmelanoma Skin Cancers of the Scalp**  
Kelly M. MacArthur, MD<sup>1</sup>; Brian C. Baumann, MD<sup>2</sup>; George J. Hruza, MD, MBA<sup>3</sup>; Robert G. Egbers, MD, MS<sup>1</sup>  
1. Johns Hopkins University, Baltimore, MD  
2. Washington University, St. Louis, MO  
3. Laser and Dermatologic Surgery Center, St. Louis, MO
- 54**  
**Treatment Stratification for Mohs Micrographic Surgery Referrals at Veterans Health Administration Dermatology Clinic: A Single Center Experience**  
Maxim Polansky, MD<sup>1</sup>; Suephy Chen, MD<sup>1</sup>; Travis W. Blalock, MD<sup>1</sup>  
1. Emory University School of Medicine, Atlanta, GA
- 55**  
**Use of Chlorhexidine as a Pre-Surgical Antiseptic Among ACMS Members**  
Iona Chapman<sup>1</sup>; Carlton B. Phillips<sup>1</sup>; Conway C. Huang, MD<sup>1</sup>  
1. University of Alabama, Birmingham, AL
- 56**  
**Review of Mohs Surgery for Vulvar Neoplasms**  
Alison M. Spiker, MD<sup>1</sup>; Andrew Hankinson, MD<sup>1</sup>; Mary G. Petrick, MD<sup>1</sup>; Michael L. Ramsey, MD<sup>1</sup>; Victor J. Marks, MD<sup>1</sup>  
1. Geisinger Medical Center, Danville, PA
- 57**  
**Paper Medical Record: Revisited as an Alternative to Electronic Medical Record**  
Holly Sprow, BA<sup>1</sup>; Carl F. Schanbacher, MD<sup>2</sup>  
1. Kuchnir Dermatology and Dermatologic Surgery, Milford, MA  
2. Tufts Medical School, Boston, MA

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www.sericaskin.com

Cynova Laboratories was founded by professionals with a long history in pharmaceutical industry and currently offers two products in the cosmetic and dermatology market: Serica Moisturizing Scar Formula and Serica Moisturizing Stretch Mark Formula. Cynova Laboratories is a wholly-owned subsidiary of PCCA.

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kristen.fahrman@integralife.com  
www.integralife.com

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