

Program Messages



Dr. Sam Lam

2016 was another incredible year! It was a time of great innovation and gradual modification to perfect the teaching to our much-deserved students. For those who don't know about our program, we offer the most intense and comprehensive hair-transplant course with extensive lectures and intensive hands-on experience. I truly believe that impassioned lectures facilitate learning but to fully grasp how to perform hair restoration the faculty must be able to see your hands move to give you rapid feedback and correction on your technique. The course offers a significant amount of time in the world-class Zeiss laboratory to allow you to

practice as long as you need until you feel confident. I have been leading this course now for 8 years and I can say that I am still impressed with how unique the technology is at SLU's disposal for educating students. The unique live HD 3D and HD 2D lectures provide unparalleled experience. This past year we succeeded with our new live Skype lectures from Spain in order to bring you the best and brightest individuals on the international stage of hair restoration. This year we are greatly expanding our live Skype lectureship from across the world including South America and Europe. With one of the lowest faculty-to-student ratios in the industry, I have decided to increase the number of my faculty again to further reduce that ratio. That translates into a more customized and personalized coaching experience for you in and out of the lab. Last year we completely redesigned the laboratory section, and new fresh cadaver scalps have transformed the hands-on experience. Further, we are doubling the available tissue this coming year. We are also refining a new, truly unique foam model for recipient-site creation that Emina designed. In addition, we have listened to and incorporated the changes you have requested. We have compressed 4 days of learning into 3 days to minimize the impact on your personal and professional life without compromising content. We hope that you can join us, and please bring your assistants (whether they are new to the field or established). Emina runs the most intense hands-on and critical thinking course, and your assistants will have an immersive experience that will give them the right footing to succeed with you. Your assistants will progress very fast in 3 days what would otherwise take them 6 months of in-house training to obtain. We look forward to seeing you for the first time and welcoming back our many return students who have seen the value in our course to return once again!



Dr. Emina Karamanovski Vance

The 2016 course was a great success. Every student left satisfied and inspired. In only a few days, we witnessed the transformation in students that would usually take months if trained in a practicing office. Physicians who brought their staff were satisfied with their assistant's progress and physicians who did not bring their staff regretted not doing so.

The main focus of the course is skill development and critical thinking. The students received not only a basic education about hair restoration in general but also plenty of detailed information regarding every aspect of assisting in hair restoration, so they could recognize important subtleties and also exercise sound judgment. The high-tech Zeiss lab equipped with stereo microscopes and fresh cadaver tissue allows students to spend hours practicing and developing or perfecting a skill while receiving an immediate feedback and guidance from highly experienced faculty. Three days packed with information and over 20 hours of hands-on experience facilitated by the world-class faculty make this course invaluable. This year we have modified our schedule in order to allow students to fly out early on Sunday; we have combined all of lectures and lab time into 2 longer days without compromising their educational value.

Regardless of the level of a physician's experience, having well-trained surgical assistants is instrumental for the success of any practice. For those wanting to venture or excel in the field of hair restoration, this is the course to attend. Don't miss this opportunity! Bring your surgical assistant(s) to this course and you will never regret it.

Tuition Fees

| | |
|------------------------------------|--------|
| Physicians: | \$1995 |
| Fellow/Resident/US Military: | \$1295 |
| Surgical Assistants: | \$1295 |



Suggested Viewing ISHRS Basics in Hair Restoration Surgery Lecture Series

Enduring Material, Online Format.

For those new to hair restoration surgery, it is highly encouraged that you view this online lecture series prior to the Workshop. It is an excellent primer and will enable you to get the most out of Workshop. It was developed by the CME Committee of the International Society of Hair Restoration Surgery and includes 16 pre-recorded, comprehensive lectures covering medical and surgical hair restoration. In addition, you may earn 11.5 AMA PRA Category 1 Credits™ from successful completion of this enduring material via the ISHRS.

The fee is \$450 for non-members of the ISHRS and \$350 for member-applicants.

For the list of lectures, viewing requirements, and to order, go to: <http://www.ishrs.org/content/basics-lecture-series>

The International Society of Hair Restoration Surgery (ISHRS) is the preeminent medical association in the hair restoration field composed of more than 1,200 members throughout 70 countries. The ISHRS is dedicated to achieving excellence in patient outcomes by promoting the highest standards of medical practice, medical ethics, and research in the medical hair restoration industry. The ISHRS provides continuing medical education to physicians specializing in hair transplant surgery. Among its CME Program, the annual ISHRS World Congress is a highlight of the year in which the latest techniques, treatments, and outcomes are shared, discussed and debated. It is not to be missed!

www.ISHRS.org

2017 ISHRS World Congress
October 4-7, 2017 – Prague
www.25thannual.org



St. Louis Attractions

St. Louis offers lively attractions throughout the city for visitors of any age. Forest Park is less than 4 miles from Practical Anatomy and Surgical Education and offers the Art Museum, Science Center, Zoo, Jewel Box greenhouse, History Museum, 7.5-mile biking, jogging and skating path and lakes all for FREE. The downtown riverfront is a short cab ride from the hotels and offers attractions including the Old Cathedral, Gateway Arch and the Jefferson National Expansion Memorial and Museum.

Register On-Line at: <http://pa.slu.edu>

CONTINUING EDUCATION: Saint Louis University School of Medicine designates this live activity for a maximum of 28.25 AMA PRA Category 1 Credit(s)™ for Physicians. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ACCREDITATION: Saint Louis University School of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The education the participant gains through our CME activities does not satisfy training requirements to perform the surgery.

A certificate of attendance will be issued for Surgical Assistants. The certificate will reflect the activity was approved for AMA Credits. It is the responsibility of the participant to understand their boards CE approval process.

Practical Anatomy and Surgical Education, Attn:
Course Coordinator, 3839 Lindell Blvd., St. Louis, MO
63108 USA

Phone: (314) 977-7400 Fax: (314) 977-7345 | E-mail:
pa@slu.edu Website: <http://pa.slu.edu>

Course Director:
Samuel M. Lam, MD, FACS, FISHRS

Honored Guests:
Timothy Carman, MD
Dan McGrath, MD
Parsa Mohebi, MD

International Skype Lecturers:
Marcio Crisostomo, MD
Jean Devroye, MD
Marcelo Pitchon, MD

Faculty:
Marco N. Barusco, MD
Scott A. Boden, MD, FISHRS
James A. Harris, MD, FACS, FISHRS
Nicole Rogers, MD, FAAD, FISHRS
Lawrence E. Samuels, MD, FAAD, ASMS
Robert H. True, MD, MPH, FISHRS, DABHRS
Ken L. Williams, Jr., DO, FISHRS

Video Faculty
Michael Ramsey
Ron Shapiro

Assistant Course Director:
Emina K. Vance, MD

Surgical Assistants Faculty:
Tina Lardner
Aileen Ullrich
Shannon Surgeson
Rita Kordon
Madalene Colon
Diana Carmona
Annie Ahn

*Faculty subject to change, for updates,
please go to <http://pa.slu.edu>*

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Practical Anatomy & Surgical Education
3839 Lindell Boulevard
St. Louis, Missouri, USA
63108-3413



November 17-19, 2017 | <http://pa.slu.edu>



November 17-19, 2017

St. Louis, Missouri, USA

9th Annual

Hair Transplant 360 WORKSHOP

Comprehensive Hair Transplant Course & FUE Hands-On Course



Course Director:
Samuel M. Lam, MD, FACS, FISHRS

Assistant Course Director:
Emina Karamanovski Vance, MD

International World Class Faculty

- *New, Expanded Course Format*
- *3 Information Packed Days*
- *Latest High-Definition Live 3D Lectures and Surgery Dissection*
- *Extensive, Hands-on Cadaver Workshop with Low Student-to-Faculty Ratio*

- ▶ Hairline Design
- ▶ Donor Harvest/Closure
- ▶ Recipient Site Creation
- ▶ Graft Dissection
- ▶ Graft Placement
- ▶ Crown Design
- ▶ Female Hairline Design
- ▶ Temporal Point Design
- ▶ Graft Calculation
- ▶ Marketing
- ▶ Consulting
- ▶ Medical Treatment
- ▶ Critical Thinking
- ▶ Quality Control
- ▶ FUE



In collaboration with:



An offering through:
Practical Anatomy & Surgical Education
Department of Surgery
Saint Louis University
School of Medicine

<http://pa.slu.edu>

Friday, November 17, 2017

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|----------|--|-------------|
| 6:45 am | SIGN-IN and BREAKFAST | |
| 7:00 am | Laboratory Guidelines & Safety/ISHRS Introduction | S. Lam |
| 7:15 am | Scalp Anatomy Relevant for Every Hair Surgeon/Principles of Hair Transplantation | T. Carman |
| 7:40 am | Donor Evaluation and Anesthesia Considerations | T. Carman |
| 8:10 am | LIVE DEMO: How Hair Grows: Angles & Directions | S. Lam |
| 8:25 am | Simplified Macro Male Hairline Design: A Focus on Shape and Position | P. Mohebi |
| 8:50am | LIVE DEMO: Male Hairline Design | P. Mohebi |
| 9:00 am | BREAK & EXHIBITS | |
| 9:30 am | Strip FUT Graft Calculation and Planning | S. Boden |
| 9:45 am | Strip FUT Donor Harvesting & Closure | P. Mohebi |
| 10:00 am | Strip FUT Graft Dissection (Video) | A. Ullrich |
| 10:05 am | Storage Solutions & Graft Survival Studies | M. Baruco |
| 10:15 am | FUE Manual vs. Motorized Techniques: How I Do It (Video) | J. Harris |
| 10:25 am | Improving Graft Survival: Storage Solutions, Extraction Techniques, and Transection Management | J. Harris |
| 10:40 am | FUE Instrumentation & Punch Characteristics | K. Williams |
| 10:55 am | FUE vs. Strip FUT Harvest: Selection & Critical Thinking | B. True |
| 11:10 am | Recipient-Site Creation Instrumentation & Distribution | S. Lam |
| 11:25 am | Graft Placement & FUE Graft Inspection (Video) | T. Lardner |
| 11:30 am | Video Hair Transplant from Start to End: FUT | S. Boden |
| 12:05 pm | Video Hair Transplant from Start to End: FUE | K. Williams |
| 12:30 pm | LUNCH & EXHIBITS | |

HANDS-ON CADAVER LAB Physician Faculty

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|---------|----------------------------------|
| 1:00 pm | Hairline Design |
| 2:00 pm | Recipient-Site Creation |
| 3:00 pm | BREAK & EXHIBITS |
| 3:30 pm | Strip Donor Harvesting & Closure |
| 4:30 pm | FUE Donor Harvesting |

LECTURES

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|---------|--|------------|
| 5:30 pm | LIVE DEMO: Patient Consultation | T. Carman |
| 5:50 pm | Medical Management of Hair Loss | M. Barusco |
| 6:10 pm | Low-Level Laser Therapy | M. Barusco |
| 6:20 pm | Frontiers of Regenerative Medicine (PRP, ACell, ATP, Stem Cells) | D. McGrath |
| 6:30 pm | ADJOURN | |



Saturday, November 18, 2017

LECTURES

| | | |
|---------|---|------------------|
| 6:45 am | SIGN-IN & BREAKFAST | |
| 7:00 am | Female Hair Loss & Hair Restoration | S. Lam |
| 7:15 am | Crown Hair Transplant | S. Lam |
| 7:25 am | Eyebrow Hair Transplant | S. Lam |
| 7:35 am | Temporal Hairline & Lateral Hump Reconstruction: Planning, Design, & Pitfalls | J. Harris |
| 7:45 am | LIVE 3D HD DEMO: Female Hairline, Crown, Temporal Hairline, Lateral Humps | S. Lam/J. Harris |
| 8:00 am | Age and Norwood Specific Transplant Planning: Principles of Safety & Long-Range Decision Making | J. Harris |
| 8:15 am | Strip FUT Donor vs Recipient Density: Planning for Future Sessions | J. Harris |
| 8:30 am | FUE and Strip FUT Donor Considerations (Video Presentation) | R. Shapiro |
| 8:45 am | The African Patient: Hair Loss & Hair Restoration | N. Rogers |
| 9:00 am | FUE in African Patients: Pearls and Pitfalls | B. True |
| 9:55 am | FUE Donor Management | B. True |
| 9:30 am | BREAK & EXHIBITS | |

INTERNATIONAL SKYPE LECTURES

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|----------|-----------------|------------|
| 10:00 am | FUE How I Do It | J. Devroye |
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LECTURES

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|----------|--|------------|
| 10:15 am | Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know | N. Rogers |
| 10:30 am | FUE Operative Set Up and Time Flow | B. True |
| 10:45 am | Strip FUT Operative Set Up and Time Flow | E. Vance |
| 10:55 am | Office Setup: How to Select Instruments & Staff | E. Vance |
| 11:05 am | Postoperative Care | B. True |
| 11:15 am | FUE Complications and Difficult Situations | S. Boden |
| 11:30 am | FUE: My Experience with Robotic FUE | J. Harris |
| 11:40 am | Use of Implanters in Hair Restoration | J. Harris |
| 11:55 am | Body FUE Pearls, Pitfalls, Techniques | B. True |
| 12:10 pm | Photography Principles | S. Lam |
| 12:15 pm | How to Prepare for the American Board of Hair Restoration Surgery | J. Harris |
| 12:20 pm | Information about ISHRS Fellowship Program | M. Barusco |
| 12:25 pm | Ethics for the Hair Surgeon | D. McGrath |
| 12:30 pm | LUNCH & EXHIBITS | |

HANDS-ON CADAVER LAB Physician Faculty

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|---------|---|
| 1:00 pm | Customized Learning Stations: Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Ask an Expert |
| 2:00 pm | Customized Learning Stations: Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert |
| 3:00 pm | BREAK & EXHIBITS |
| 3:30 pm | Customized Learning Stations: Graft Evaluation, Graft Placement, Hairline, Recipient Site, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert |

INTERNATIONAL SKYPE LECTURES

| | | |
|---------|---|------------|
| 5:00 pm | Long Hair Transplants and Personal Growth Index (PGI) | M. Pitchon |
| | What You Should Know in Your First Year in Practice | M. Pitchon |

LECTURES

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|---------|--|----------------------------|
| 5:30 pm | Difficult Cases Physician Faculty Panel | S. Lam & Physician Faculty |
| 5:50 pm | How I Do It Physician Faculty Panel | S. Lam & Physician Faculty |
| 6:10 pm | Managing Complications Physician Faculty Panel | S. Lam & Physician Faculty |
| 6:30 pm | ADJOURN | |

Sunday, November 19, 2017

LECTURES

| | | |
|---------|---|------------|
| 6:45 am | SIGN-IN & BREAKFAST | |
| 7:00 am | Practice Management & Marketing | S. Lam |
| 7:15 am | Small Cases: How to Start Small but Think Big | N. Rogers |
| 7:30 am | Tissue Expansion, Scalp Reduction, Scalp Lifts: What Every Hair Surgeon Should Know | B. True |
| 7:45 am | FUE Other Applications: Scarring, Revisions, Etc | B. True |
| 8:00 am | Hairline Tips & Tricks | D. McGrath |
| 8:10 am | Critical Thinking "What Went Wrong?" | E. Vance |
| 8:20 am | Critical Thinking During Graft Preparation and Placement | E. Vance |
| 8:30 am | Dermoscopy Fundamentals & How I Use It | N. Rogers |
| 9:00 am | Spirololactone, Finasteride, and Minoxidil for Women | N. Rogers |
| 9:15 am | Finasteride for Men: Everything You Need to Know | N. Rogers |
| 9:30 am | BREAK & EXHIBITS | |

HANDS-ON CADAVER LAB Physician Faculty

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|----------|---------------------------------|
| 10:00 am | Catchup Stations: Ask an Expert |
| | Learning Station: Dermoscopy |

INTERNATIONAL SKYPE LECTURES

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|----------|---|---------------|
| 11:00 am | Combining FUE and FUT into a Megassession Procedure | M. Crisostomo |
| 11:15 am | What You Should Know in Your First Year in Practice | M. Crisostomo |

LECTURES

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|----------|---|-----------|
| 11:30 am | Difficult Situations | N. Rogers |
| 12:00 pm | Marketing 101 for a Hair Restoration Business (Video) | M. Ramsey |
| 12:15 am | ADJOURN | |



Friday, November 17, 2017

| | | |
|---------|--|------------|
| 6:45 am | Sign-In & Breakfast | |
| 7:00 am | Welcome | S. Lam |
| | LECTURES | |
| 7:15 am | Course and Handout Overview | E. Vance |
| | Principles of Hair Restoration & Hair Anatomy (overview) | E. Vance |
| 8:00 am | Clean Procedure and Lab Etiquette | A. Ullrich |
| | Graft Preparation: Principle of Slivering & Graft Dissection | A. Ullrich |
| | Graft Preparation: Magnification & Instrumentation; Ergonomics | A. Ullrich |
| | Graft Preparation: Strategy (Trimming, Sorting & Counting) | A. Ullrich |
| | Graft Preparation: Practice Objectives | A. Ullrich |
| 9:00 am | Graft Preservation & Graft Survival | E. Vance |
| 9:15 am | Break & Exhibits | |

HANDS-ON CADAVER LAB Assistant Faculty

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|----------|---|
| 9:30 am | Microscope Guidelines (video) |
| | Demonstration: Slivering and Dissection |
| 9:45 am | Hand-and-Eye Coordination Practice (inanimate model) |
| 10:00 am | Dissection: Cadaver Tissue |
| 12:30 pm | LUNCH & EXHIBITS |
| 1:00 pm | Slivering: Cadaver Tissue |
| 2:00 pm | Dissection: Cadaver Tissue (dissect your own slivers) |
| 3:00 | BREAK & EXHIBITS |

LECTURES

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|---------|--|--------------------|
| 3:30 pm | Critical Thinking & Round Table Discussion | E. Vance & Faculty |
| 4:00 pm | Graft Placement Principles: Hair Direction, Site Type & Location | T. Lardner |
| 4:15 pm | Graft Placement: Magnification & Instrumentation | T. Lardner |
| 4:30 pm | Graft Placement: Strategy (Order of Placement, Teamwork & Communication) | T. Lardner |
| 4:45 pm | Graft Placement: Practice Objectives | T. Lardner |
| 5:00 pm | Post-Operative Care | E. Vance & Faculty |
| 5:30 pm | Adjourn | |

Saturday, November 18, 2017

| | | |
|---------|--|------------|
| 6:45 am | SIGN-IN & BREAKFAST | |
| | LECTURES | |
| 7:00 am | Challenges: Graft Preparation (splayed hairs, curly hair, white hair, scar tissue) | E. Vance |
| 7:15 am | SA Role: Donor Shaving & Harvesting (strip and FUE) | T. Lardner |
| 7:30 am | Graft Extraction (in FUE): Challenges and Pearls | T. Lardner |
| 7:45 am | Challenges: Graft Placement (long hair, popping, bleeding, etc.) | T. Lardner |
| 8:00 am | Video Lecture: Surgery Day at Dr. Harris' Office | T. Lardner |
| 8:15 am | Video Lecture: Surgery Day at Dr. Gable's Office | A. Ullrich |

HANDS-ON CADAVER LAB Assistant Faculty

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|----------|---|----------|
| 8:30 am | Demonstration: Graft Placement | E. Vance |
| 8:40 am | Graft Placement | |
| 9:30 am | BREAK & EXHIBITS | |
| 10:00 am | FUE Graft Removal Demonstration and Practice | |
| 11:00 am | Catchup Stations: Slivering, Dissection & Graft Placement | |
| 12:30 pm | LUNCH & EXHIBITS | |

HANDS-ON CADAVER LAB Assistant Faculty

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|---------|--|
| 1:00 pm | Graft Placement: Place your own grafts, Challenging Placing Situations |
| 2:00 pm | Catchup Stations: Slivering, Dissection, Graft Placement |
| 3:00 am | BREAK & EXHIBITS |
| 3:30 pm | Visit Exhibitors: Instructional Tour About Instrument |
| 4:00 pm | Demonstration Slivering & Dissection: How I Do It |

LECTURES

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|---------|--|----------------------------------|
| 5:00 pm | Critical Thinking & Round Table Discussion | E. Vance & Faculty |
| 5:10 pm | Setting Up the Office: What We Like and Why | E. Vance, T. Lardner, A. Ullrich |
| 5:30 pm | Patient Positioning for Placement: Chair and Pillows (video) | A. Ullrich |
| 5:45 pm | Surgical Flow Chart: Who Does What in Surgery | A. Ullrich |
| 6:00 pm | Ask an Expert & Round Table Discussion | E. Vance & Faculty |
| 6:30 pm | Adjourn | |

Sunday, November 19, 2017

| | | |
|---------|--|--------------------|
| 6:45am | SIGN-IN & BREAKFAST | |
| 7:00 am | Ask an Expert & Round Table Discussion | E. Vance & Faculty |

HANDS-ON CADAVER LAB Assistant Faculty

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|----------|--|
| 7:30 am | Catch-Up Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal |
| 10:00 am | BREAK & EXHIBITS |
| 10:30 am | Practice Stations: Slivering, Dissection, Graft Placement |

LECTURES

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|----------|---|----------|
| 11:40 pm | Critical Thinking: Graft Preparation and Placement | E. Vance |
| 11:50 am | Hair Pieces & Camouflaging Products: What Every Physician Should Know | E. Vance |

INTERNATIONAL SKYPE LECTURES

| | | |
|----------|---|---------------|
| 12:00 pm | Combining FUE and FUT into a Megassession Procedure | M. Crisostomo |
| 12:15 pm | What You Should Know in Your First Year in Practice | |
| 12:30 am | ADJOURN | |