

Program Messages



Dr. Sam Lam

I can't believe that we are celebrating our 10th year of this course that has set the bar very high for teaching beginning hair surgeons and assistants. Last year 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 hands-on hair-transplant course that exists with extensive lectures and hands-on experience. I truly believe that impassioned lectures facilitate learning but are insufficient to fully grasp how to do hair restoration: the faculty must be able to see your hands move to give

you rapid feedback and correction on your technique. We offer you a significant amount of time, both structured and unstructured, in the world-class Zeiss laboratory to allow you to practice as long as you need until you feel confident. The unique live HD 3D and HD 2D lectures provide unparalleled experience. I have been leading this course now for 9 years and I can say that I am still impressed with how unique the technology is at SLU's disposal for educating students. This past year we succeeded with our new live Skype lectures from Belgium and Brazil, and this year we are targeting our live Skype lectureship from across the world to include India and Korea to bring you the best and brightest individuals on the international stage. 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. We are also refining a new foam model for recipient-site creation that Emina designed that truly is unique and offered nowhere else. 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

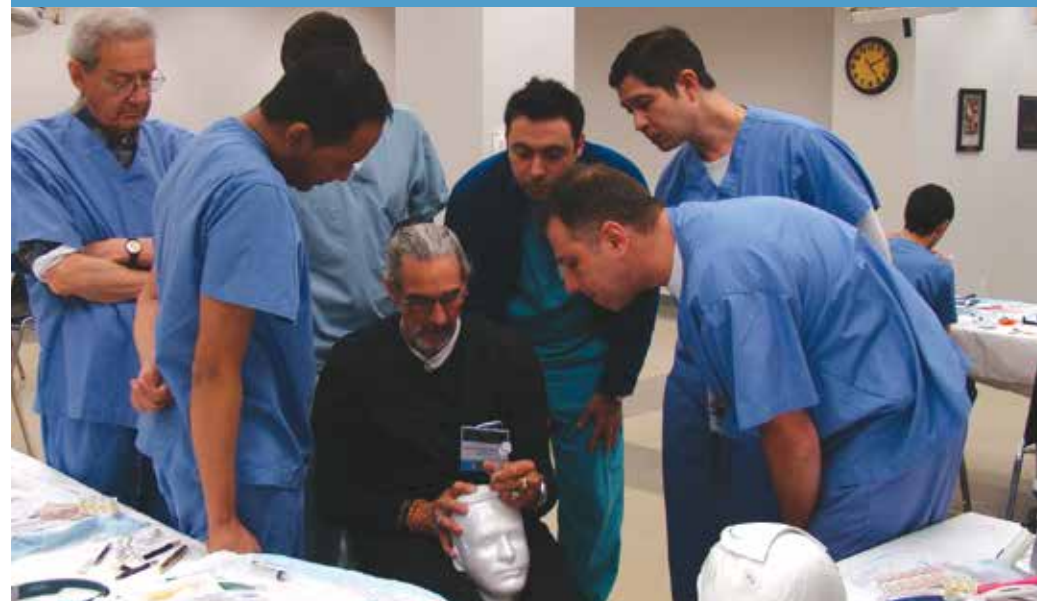
I'm excited to welcome you to the most comprehensive training on graft preparation and placement designed both for surgical assistants and physicians. This is our 10th year and we have perfected our training models as well as our curriculum. The 2017 course was a great success! Every student left satisfied and inspired. In only a few days, we witnessed the transformation in students that would usually take 6 months if trained in a practicing office. Physicians who brought their assistants were overjoyed with their assistants' progress, and physicians who did not bring their assistants regretted not doing so.

The course is designed with a heavy focus on skill development and critical thinking. Its format allows for novice or experienced assistants and/or physicians to work side by side each other. Three days packed with information and over 15 hours of hands-on experience led by our world-class faculty make this course invaluable. The high-tech Zeiss lab equipped with stereo microscopes and fresh cadaver tissue allow students to spend hours practicing while receiving immediate feedback and guidance from highly experienced faculty.

Hair restoration is a unique field in which correct graft preparation and placement are instrumental for the success of any practice. Having well-trained staff and knowing how to train staff to achieve consistent quality control are paramount goals for those who want to excel in the field of hair restoration. Whether you are a physician bringing your staff or are personally wanting to learn all aspects of hair restoration yourself, this is the course to attend!

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>

www.ishrs.org

2018 ISHRS World Congress
October 10-14 - Los Angeles
www.26thannual.org

10th Annual Hair Transplant 360 Workshop



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 *23.0 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>

An Evening of Our 10th Anniversary Celebration!

Students are welcome to celebrate with us Friday night for a fun and unforgettable evening at no extra expense.

Course Director:

Samuel M. Lam, MD, FACS, FISHRS

Honored Guests:

Daniel McGrath, DO

Sara Wasserbauer, MD, FISHRS

International Skype Lecturers:

Kapil Dua, MBBS, MS, Dip. ABHRS, FISHRS

Jae Hyung Park, MD

Faculty:

Marco N. Barusco, MD, FISHRS

Scott A. Boden, MD, FISHRS

Vance W. Elliott, MD, CCFP, FISHRS

James A. Harris, MD, FACS, FISHRS

Lawrence E. Samuels, MD, FAAD, FISHRS

Meena Singh, MD, FAAD

Robert H. True, MD, MPH, FISHRS

Ken L. Williams, Jr., DO, FISHRS

Video Faculty

Michael Ramsey

Ron Shapiro, MD, FISHRS

Assistant Course Director:

Emina K. Vance, MD

Surgical Assistants Faculty:

Diana Carmona

Madalene Colon

Putrina Figueira-Collura

Rita Kordon, RN

Tina Lardner

Tereza O'Neil

Laura Roderick

Aileen Ullrich, MA

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

10th Annual
Hair Transplant 360 Workshop
Comprehensive Hair Transplant Course
& FUE Hands-On Course

August 3-5, 2018 | <http://pa.slu.edu>



10th Annual

August 3-5, 2018

St. Louis, Missouri, USA

Hair Transplant 360 WORKSHOP

Comprehensive Hair Transplant Course & FUE Hands-On Course

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



- *Newly Designed 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*
- *Unique Training Models*

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

Assistant Course Director:
Emina Karamanovski Vance, MD
and
International World-Class Faculty

SAINT LOUIS UNIVERSITY

In collaboration with:



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

<http://pa.slu.edu>

Friday, August 3, 2018

LECTURES

6:45 am	SIGN-IN and BREAKFAST	
7:00 am	Laboratory Guidelines & Safety/ISHRS Introduction	S. Lam
7:15 am	HAIR BASICS Scalp Anatomy Relevant for Every Hair Surgeon	S. Wasserbauer
7:40 am	HAIR BASICS Principles of Hair Transplantation	S. Wasserbauer
8:10 am	HAIRLINE DESIGN Simplified Macro Male Hairline Design: A Focus on Shape and Position	V. Elliott
8:35 am	HAIRLINE DESIGN Live Demo of Male Hairline Design	V. Elliott
9:00 am	BREAK & EXHIBITS	
9:30 am	DONOR REGION FUE vs. FUT Selection & Critical Thinking	B. True
9:45 am	DONOR REGION FUT Graft Calculation and Planning	S. Boden
10:00 am	DONOR REGION FUT Donor Harvesting & Closure	V. Elliott
10:30 am	DONOR REGION FUE Donor Harvesting: Principles & Techniques	J. Harris
10:45 am	RECIPIENT REGION How Hair Grows (Live 3D Demo)	S. Lam
11:00 am	RECIPIENT REGION Recipient-Site Creation Instrumentation & Design	S. Lam
11:20 am	RECIPIENT REGION Recipient-Site Planning & Distribution	V. Elliott
11:45 am	GRAFT PREPARATION FUT Slivering & Dissection (Video)	A. Ullrich
11:50 am	GRAFT PREPARATION Graft Placement & FUE Graft Inspection (Video)	T. Lardner
12:00 pm	GRAFT PREPARATION FUT Graft Dissection & Slivering (Live 3DHD Demo)	E. Vance
12:15 pm	GRAFT PREPARATION FUT Graft Placement (Live 3DHD Demo)	E. Vance
12:30 pm	LUNCH & EXHIBITS	

HANDS-ON CADAVER LAB Physician Faculty

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

5:30 pm	Patient Consultation (Live Demo)	V. Elliott
6:00 pm	MEDICAL MANAGEMENT Finasteride for Men: Everything You Need to Know	M. Singh
6:15 pm	MEDICAL MANAGEMENT Spironolactone, Finasteride, and Minoxidil for Women	M. Singh
6:30 pm	ADJOURN	



Saturday, August 4, 2018

6:45 am SIGN-IN & BREAKFAST

INTERNATIONAL SKYPE LECTURE

7:00 am The Use of Implanters in FUE (Live from Korea) J. Park

LECTURES

7:30 am **DONOR MANAGEMENT** Age and Norwood Specific Transplant Planning: Principles of Safety & Long-Range Decision Making J. Harris

7:45 am **DONOR MANAGEMENT** Strip FUT Donor vs Recipient Density: Planning for Future Sessions J. Harris

8:00 am **DONOR MANAGEMENT** FUE and Strip FUT Donor Considerations (Video) R. Shapiro

8:20 am **DONOR MANAGEMENT** FUE Donor Management: Planning for Future Sessions B. True

8:35 am **PRACTICE** FUE Operative Set Up and Time Flow B. True

8:15 am **PRACTICE** FUT Operative Set Up and Time Flow D. McGrath

8:30 am **SPECIAL SURGICAL TOPICS** FUE in African Patients: Pearls and Pitfalls B. True

8:45 am **SPECIAL SURGICAL TOPICS** Female Hair Loss & Hair Restoration S. Lam

9:05 am **SPECIAL SURGICAL TOPICS** Crown Hair Transplant S. Lam

9:20 am **SPECIAL SURGICAL TOPICS** Eyebrow Hair Transplant S. Lam

9:30 am BREAK & EXHIBITS

LECTURES

10:00 am **SPECIAL SURGICAL TOPICS** Temporal Hairline & Lateral Hump Reconstruction: Planning, Design, & Pitfalls J. Harris

10:15 am **SPECIAL SURGICAL TOPICS** Tissue Expansion, Scalp Reduction, Scalp Lifts: What Every Hair Surgeon Should Know B. True

10:35 am **DERMATOLOGY** Scalp Pathologies: Scarring & Non-Scarring Alopecias: What Every Surgeon Must Know M. Singh

10:55 am **DERMATOLOGY** Dermoscopy Fundamentals & How I Use It M. Singh

11:15 am **GRAFT MANAGEMENT** Critical Thinking During Graft Preparation and Placement E. Vance

11:35 am **GRAFT MANAGEMENT** Critical Thinking "What Went Wrong?" E. Vance

11:50 am **PRACTICE** General Office Set Up: How to Select Instruments & Staff E. Vance

12:05 pm **PRACTICE** Postoperative Care B. True

12:30 pm LUNCH & EXHIBITS

HANDS-ON CADAVER LAB Physician & Assistant Faculty

1:00 pm	GROUP A: Customized Learning Stations: Hairline, Recipient Sites, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert GROUP B: Graft Dissection and Graft Placement
2:00 pm	GROUP A: Graft Dissection and Graft Placement GROUP B: Customized Learning Stations: Hairline, Recipient Sites, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert
3:00 pm	BREAK & EXHIBITS
3:30 pm	Customized Learning Stations: Hairline, Recipient Sites, Strip FUT Donor Harvest, FUE Donor Harvest, Temporal Point Design, Crown Design, Female Hairline Design, Eyebrow Design, Ask an Expert

LECTURES

5:00 pm **ANCILLARY MEASURES** Storage Solutions & Graft Survival Studies M. Barusco

5:10 pm **ANCILLARY MEASURES** Low-Level Laser Therapy M. Barusco

5:20 pm **ANCILLARY MEASURES** Frontiers of Regenerative Medicine (PRP, ACell, Stem Cells) D. McGrath

5:35 pm **PRACTICE** How I Do It Physician Faculty Panel S. Lam & Physician Faculty

6:00 pm **PRACTICE** Managing Complications Physician Faculty Panel S. Lam & Physician Faculty

6:30 pm ADJOURN

Sunday, August 5, 2018

6:45 am SIGN-IN & BREAKFAST

INTERNATIONAL SKYPE LECTURE

7:00 am Current Trends in FUE (Live from India) Kapil Dua

LECTURES

7:30 am **PRACTICE** Photography Basics & Set Up S. Lam

7:40 am **PRACTICE** Practice Management & Leadership S. Lam

7:55 am **PRACTICE** Marketing 101 for a Hair Restoration Business (Video) M. Ramsey

8:05 am **PRACTICE** Preparing for the ABHRS Exam, Information about ISHRS Fellowship & Ethics for the Hair Surgeon M. Barusco

8:20 am **PRACTICE** Small Cases: How to Start Small but Think Big M. Singh

8:40 am **FUE SPECIAL TOPICS** FUE Instrumentation & Punch Characteristics K. Williams

9:00 am **FUE SPECIAL TOPICS** Body FUE Pearls, Pitfalls, Techniques B. True

9:15 am **FUE SPECIAL TOPICS** FUE Complications and Difficult Situations B. True

9:30 am BREAK & EXHIBITS

10:00 am **FUE SPECIAL TOPICS** FUE Other Applications: Scarring, Revisions, Etc. B. True

10:20 pm **SPECIAL SURGICAL TOPICS** Difficult Situations M. Singh

10:55 pm **SPECIAL SURGICAL TOPICS** Difficult Cases S. Lam & Physician Faculty

11:30 am Closing Remarks & ADJOURN S. Lam



Friday, August 3, 2018

6:45 am Sign-In & Breakfast

7:00 am Welcome S. Lam

LECTURES

7:15 am Course and Handout Overview E. Vance

7:30 am **PRACTICE & SETUP** Surgery Overview (video) E. Vance

7:40 am **TECHNIQUE** Principles of Slivering & Graft Dissection A. Ullrich

7:55 am **TECHNIQUE** Trimming & Sorting A. Ullrich

8:00 am **TECHNIQUE** Magnification & Instrumentation A. Ullrich

8:05 am **TECHNIQUE** Practice Objectives:

- Keeping FU Intact & Hydrated
- Trimming & Sorting

 A. Ullrich

8:15 am **TECHNIQUE** Principle of Graft Placement T. Lardner

8:25 am **TECHNIQUE** Placing Strategy T. Lardner

8:35 am **TECHNIQUE** Magnification & Instrumentation T. Lardner

8:45 am **HAIR BASICS** Hair Anatomy & Tissue Preservation E. Vance

8:55 am **PRACTICE & SETUP** Clean Procedure & Lab Etiquette (video) A. Ullrich

9:00 am Break & Exhibits

HANDS-ON CADAVER LAB Assistant Faculty

9:15 am	Microscope Guidelines (video)
	Demonstration: Slivering and Dissection
9:30 am	Hand-and-eye Coordination (inanimate model)
10:00 am	Dissection & Graft Preparation
12:30 pm	LUNCH & EXHIBITS
1:00 pm	Demonstration: Graft Placement
1:15 pm	Graft Placement
3:00	BREAK & EXHIBITS

LECTURES

3:30 pm **CRITICAL THINKING** Graft Preparation & Placement E. Vance & Faculty

4:00 pm **TECHNIQUE** Principle of Graft Removal in FUE T. Lardner

4:10 pm **TECHNIQUE** FUE Graft Evaluation T. Lardner

4:20 pm **TECHNIQUE** Magnification & Instrumentation T. Lardner

4:30 pm **TECHNIQUE** Principle of Graft Placement using Implanters T. Lardner

4:40 pm **TECHNIQUE** Practice Objectives:

- Keeping FU Intact & Hydrated
- Two Techniques: Hand over Hand vs. Push and Pull
- Loading & Emptying Implanters

 T. Lardner

HANDS-ON CADAVER LAB Assistant Faculty

5:00 pm	Demonstration: <ul style="list-style-type: none"> • Graft Removal in FUE • Loading Implanters
5:45 pm	Graft Removal in FUE & Loading Implanters (Rotations)
6:30 pm	Adjourn

Saturday, August 4, 2018

6:45 am Sign-In and Breakfast

LECTURES

7:00 am **CRITICAL THINKING** Challenges in Graft Preparation & Placement E. Vance & Faculty

HANDS-ON CADAVER LAB Assistant Faculty

7:30 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
9:30 am	BREAK & EXHIBITS
10:00 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
12:30 pm	LUNCH & EXHIBITS

LECTURES

1:00 pm **PRACTICE & SETUP** SA Role A. Ullrich

1:30 pm **PRACTICE & SETUP** Postoperative Care A. Ullrich

1:45 pm **PRACTICE & SETUP** Patient Positioning for Placement: Chair and Pillows A. Ullrich

2:00 pm **PRACTICE & SETUP** Surgical Flow Chart: Who Does What in Surgery A. Ullrich

2:30 pm **PRACTICE & SETUP** Office Setup Equipment and Instruments A. Ullrich

2:45 pm **PRACTICE & SETUP** Setting Up the Office: What We Like and Why A. Ullrich

3:00 pm **CRITICAL THINKING** Ask An Expert A. Ullrich

3:30 pm BREAK & EXHIBITS

HANDS-ON CADAVER LAB Assistant Faculty

4:00 pm	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
6:30 pm	Adjourn

Sunday, August 5, 2018

6:45am Sign-In and Breakfast

HANDS-ON CADAVER LAB Assistant Faculty

7:00 am	Catchup Stations: Slivering, Dissection, Graft Placement, FUE Graft Removal, Implanters
10:00 am	BREAK & EXHIBITS
LECTURES	
10:30 am	Ask Expert & Round Table Discussion Assistant Faculty
11:30 am	ADJOURN