Stephen M. Lu, MD, MDiv

Pennsylvania Institute for Plastic Surgery
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CURRENT POSITION:

2024-Present **Pennsylvania Institute for Plastic Surgery**, Carlisle PA
Founder/Owner

2024-Present **Drexel University College of Medicine**, Philadelphia, PA
Assistant Professor, Department of Surgery

2024-Present **UPMC Central Pennsylvania**, Mechanicsburg, PA
Program Director, Microvascular Plastic Surgery

2022-Present Section Chief, Plastic and Reconstructive Surgery

2020-2024 Employed Attending Plastic Surgeon
Microsurgery, Craniofacial, and Pediatric Plastic Surgery

EDUCATION:

2009-2013 **Perelman School of Medicine at the University of Pennsylvania**, Philadelphia, PA
Doctor of Medicine

2006-2009 **Westminster Theological Seminary**, Glenside, PA
Master of Divinity, General Ministries emphasis

1999-2003 **Princeton University**, Princeton, NJ
Bachelor of Arts, Mathematics

POST-DOCTORAL TRAINING:

2019-2020 **Beaumont Health Hospital** (now Corewell Health), Royal Oak, MI
Integrated Craniofacial and Microsurgery Fellowship, including the Ian Jackson Craniofacial and Cleft Palate Clinic
Fellowship Director: Dr. Kongkrit Chaiyasate

2013-2019 **Northwell Health/Zucker School of Medicine at Hofstra**, Great Neck, NY
Integrated Plastic Surgery Residency, Division of Plastic and Reconstructive Surgery

LICENSURE/CERTIFICATIONS:

Memberships: American Society of Plastic Surgery (ASPS), American Society of Reconstructive Microsurgeons (ASRM), Plastic Surgery Research Council (PSRC)
2021-Present: Diplomate, American Board of Plastic Surgery
2020-Present: State of Pennsylvania, Medical License MD471337, DEA license
2019-Present: State of Michigan, Medical License 4301117242
2014-Present: State of New York, Medical License 277429
2013-Present: ACLS, BLS, PALS certifications

AWARDS/APPOINTMENTS/INVITED LECTURES:

1. Surgical Approaches to Lymphedema. UPMC Breast Care Center Multi-Disciplinary Conference, Harrisburg, PA, April 29, 2026.
2. What's New: The Cutting Edge in Breast Reconstruction. CME Presentation for Carlisle Hospital Medical Staff, Carlisle, PA, February 27, 2026.
3. Research: What's it about?. Guest Lecturer for undergraduate honors course HNRS 304, Drexel University, Philadelphia, PA, November 20, 2025.
4. Taking the DIEP Dive: Making Life Efficient and Livable. Eastern Region Plastic Surgery Conference, Northwell Health, October 15, 2024.
5. Northeastern Society of Plastic Surgery (NESPS) Best Abstract Award: "One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty". *FACE*, 2023.
6. Section Editor, Artificial Intelligence. *FACE*. 2022-Present.
7. Reviewer for *Aesthetic Surgery Journal*, *Plastic and Reconstructive Surgery Global Open*, *Journal of Reconstructive Microsurgery*, and *FACE*
8. UPMC Pinnacle Physician Recognition Award. UPMC Pinnacle Medical Staff Society, Harrisburg, PA, June 2021.
9. Panelist, ASPS Greatest Hits: Best Scientific Presentations of State, Regional, Aesthetica, Hot Topics, Guest Nation. 2019 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 21, 2019.
10. 2019 Resident Research Day Best Presentation Award, Northwell Health, Manhasset, NY, June 21, 2019.
11. First Place Abstract Presentation at New York Regional Society of Plastic Surgeons 2019 Residents' Night, New York, NY, March 11, 2019.
12. Junior Faculty, Department of Surgery, Plastic Surgery Section, William Beaumont Hospital, Royal Oak MI, 2019-2020.
13. Teaching Associate in Surgery, Zucker School of Medicine at Hofstra/Northwell, 2018-2019.
14. Chief Resident, Integrated Plastic Surgery Residency, Division of Plastic and Reconstructive Surgery, Northwell Health, 2018-2019.
15. Asian Upper Eyelid Blepharoplasty. Plastic Surgery Grand Rounds, Long Island Jewish Medical Center, Lake Success, NY, July 26, 2018.

PEER-REVIEWED PUBLICATIONS:

1. Sandu A, Sami M, **Lu SM**. Optimizing Reconstructive Outcomes: A Case Series of a Modified Keystone Island Perforator Flap for Pretibial Defects. J*. Aesthetic Med.* 2026 Jun 11, 2(2), 11.
2. Khaw KL, **Lu SM**. One Profile to Rule Them All? A Neural Network Analysis of the Homogenizing Effect of Primary Rhinoplasty. *Aesthet Surg J*. 2025 Sep 16;45(10):1012-1016.
3. Firouzbakht P, Bagdady K, Gupta R, **Lu SM**, Chen K. Quite a Pickle: A 10-Year Increase in Pickleball-Related Hand Injuries. *Hand*. 2024 Mar 17:15589447241238371.
4. Lin A, **Lu SM**. Plastic Surgery Roles in Wound Centers in the Northeastern United States. *Ann Plast Surg*. 2023 Jun 1;90(6S Suppl 5):S674-S676.
5. **Lu SM**, Hazkour N, Atamian E, Bradley JP, Bastidas N. Inferiorly Directed Posterior Cranial Vault Distraction for Treatment of Chiari Malformations. *J Craniofac Surg*. 2023 Jan-Feb;34(1):284-287.
6. Chaiyasate K, Gupta R, Boudiab EM, Vega D, Hart J, Nossoni F, **Lu SM**, Powers JM, Hobson G, Sachanandani NS. Comprehensive Treatment and Reconstructive Algorithm for Functional Restoration after Ballistic Facial Injury. *Plast Reconstr Surg Glob Open*. 2022 Jul 27;10(7):e4453.
7. Hart J, **Lu SM**, Gasteratos K, Chaiyasate K. An Unoperated Crouzon Family Treated with Monobloc Distraction: Challenges and Lessons. *Plast Reconstr Surg Glob Open*. 2021 Nov 2;9(11):e3869.

8. Gibstein AR, Chen K, Nakfoor B, **Lu SM**, Cheng R, Thorne CH, Bradley JP. Facelift Surgery Turns Back the Clock: Artificial Intelligence and Patient Satisfaction Quantitate Value of Procedure Type and Specific Techniques. *Aesthet Surg J*. 2021 Aug 13;41(9):987-999.
9. Zhang BH, Chen K, **Lu SM**, Nakfoor B, Cheng R, Gibstein A, Tanna N, Thorne CH, Bradley JP. Turning Back the Clock: Artificial Intelligence Recognition of Age Reduction after Face-Lift Surgery Correlates with Patient Satisfaction. *Plast Reconstr Surg*. 2021 Jul 1;148(1):45-54.
10. Tom AR, Boudiab E, Issa C, Huynh K, **Lu S**, Powers JM, Chaiyasate K. Single Center Retrospective Analysis of Cost and Payments for Lymphatic Surgery. *Plast Reconstr Surg Glob Open*. 2021 Jun 16;9(6):e3630.
11. Issa CJ, **Lu SM**, Boudiab EM, DeSano J, Sachanandani NS, Powers JM, Chaiyasate K. Comparing Plastic Surgeon Operative Time for DIEP Flap Breast Reconstruction: 2-stage More Efficient than 1-stage? *Plast Reconstr Surg Glob Open*. 2021 Jun 7;9(6):e3608.
12. **Lu SM**, Waldman LE, Boudiab EM, Lopez CD, Bassiri-Tehrani B, DelMauro MA, Israeli R, Bank J, Machnicki SC, Lerman OZ. Incidence, Impact, and Management of Incidentalomas on Preoperative Computed Tomographic Angiograms for Breast Cancer Patients with and without Genetic Mutations. *Plast Reconstr Surg*. 2021 Jun 1;147(6):1259-1269.
13. Boudiab E, Zaikos T, Issa C, Chaiyasate K, **Lu SM**. Trends in Craniofacial Injuries Associated with the Introduction of Electric Scooter Sharing Services. *FACE* 2(22):273250162199244. February 2021.
14. Oska SR, Chaiyasate K, **Lu SM**. Fore! A 10-year Analysis of Golf-related Facial Fractures. *Plast Reconstr Surg Glob Open*. 2020 Oct 22;8(10):e3128.
15. **Lu SM**, Pessino K, Gray RL, Rodgers SD, Schneider SJ, Bastidas N. Virtual Planning for Exchange Cranioplasty in Cranial Vault Remodeling. *J Craniofac Surg*. 2021 Jan-Feb 01;32(1):320-321.
16. Chaiyasate K, Oliver LN, Kreitzberg SA, Lyons M, Goldman J, **Lu SM**, Bastiaans T, Lumley C, Sachanandani NS. Use of Pericranial Flaps with Dermal Substitute for Scalp Reconstruction: A Case Series. *Plast Reconstr Surg Glob Open*. 2020 Aug 17;8(8):e3011.
17. Fisher M, **Lu SM**, Chen K, Zhang B, Di Maggio M, Bradley JP. Facial Feminization Surgery Changes Perception of Patient Gender. *Aesthetic Surg J*. 2020 Jun 15;40(7):703-709.
18. **Lu SM,** Chen K, Cheng R, Fisher M, Zhang B, Di Maggio M, Bradley JP. Facial Recognition Neural Networks Confirm Success of Facial Feminization Surgery. *Plast Reconst Surg.* 2020 Jan;145(1):203-209.
19. **Lu SM**, Hsu DT, Perry A, Leipziger L, Kasabian AK, Bartlett SP, Thorne CH, Tanna N. The Public Face of Rhinoplasty: Impact on Perceived Attractiveness and Personality. *Plast Reconstr Surg.* 2018 Oct;142(4):881-887.
20. **Lu SM**, Bartlett SP. On facial asymmetry and self-perception. *Plast Reconstr Surg*. 2014 Jun;133(6):873e-881e.
21. **Lu SM**, Nelson JA, Fischer JP, Fosnot J, Goldstein J, Selber JC, Serletti JM, Wu LC. The impact of complications on function, health, and satisfaction following abdominally based autologous breast reconstruction: a prospective evaluation. *J Plast Reconstr Aesthetic Surg*. 2014 May;67(5):682-92.
22. Goncharova EA, Goncharov DA, Li H, Pimtong W, **Lu S**, Khavin I, Krymskaya VP. mTORC2 is required for proliferation and survival of TSC2-null cells. *Mol Cell Biol*. 2011 Jun;31(12):2484-98.

ORAL PRESENTATIONS:

1. Khaw KL, Knauer G, **Lu SM**. Beyond the Blues: The Impact of SSRIs on Surgical Complications in Autologous Breast Reconstruction. 2026 American Society of Plastic Surgeons (ASPS) Annual Meeting, Houston, TX, October 17, 2026.

2. Khaw KL, **Lu SM**. An Analysis of Autologous Flap vs. Implant Breast Reconstruction Content on TikTok. 2025 American Society of Plastic Surgeons (ASPS) Annual Meeting, New Orleans, LA, October 23, 2025.
3. Khaw KL, **Lu SM**. One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty. Robert H. Ivy Society of Plastic Surgeons 71st Annual Scientific Meeting, Philadelphia, PA, March 29, 2025.
4. Khaw KL, **Lu SM**. One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty. 2024 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 26, 2024.
5. Khaw KL, **Lu SM.** One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty. 2024 Northeastern Society of Plastic Surgeons (NESPS) 41st Annual Meeting, Philadelphia, PA, September 13, 2024.
6. Lin A, **Lu SM**. ChatGPT Versus the ASPS In-Service Exam: Who would Win? 2023 American Society of Plastic Surgeons (ASPS) Annual Meeting, Austin, TX. October 27, 2023.
7. Boudiab E, McGurrin J, **Lu SM**. Ultrasound-Guided Suction-Assisted Lipectomy for Superficialization of Arteriorvenous Hemodialysis Access. 2022 American Society of Plastic Surgeons (ASPS) Annual Meeting, Boston, MA, October 30, 2022.
8. Boudiab E, Hart J, **Lu SM**, Powers J, Hobson G, Sachanandani N, Chaiyasate K. From Presentation to Decannulation: Comprehensive Treatment and Reconstructive Algorithm for Functional Restoration after Ballistic Injury to the Face. 2021 American Society of Plastic Surgeons (ASPS) Annual Meeting, Atlanta, GA, October 31, 2021.
9. Issa C, **Lu SM**, Boudiab E, Chaiyasate K. Combined Operative Time for Two-Stage Tissue Expander/DIEp Reconstruction is Comparable to or Faster than Immediate DIEP Reconstruction. 2020 American Society of Plastic Surgeons Annual Meeting. Virtual Meeting, October 16, 2020.
10. Boudiab E, Zaikos T, Issa C, Chaiyasate K, **Lu SM**. The Rise of E-Scooter Falls: A Ten-Year Analysis of NEISS Trends. 2020 American Society of Plastic Surgeons Annual Meeting. Virtual Meeting, October 16, 2020.
11. Gibstein A, Chen K, Nakfoor B, **Lu SM**, Cheng R, Thorne CH, Bradley JP. Turning Back the Clock with Facelift Surgery: Artificial Intelligence Recognition of Age Reduction and Patient Satisfaction Quantitates Value of Specific Techniques. 37th Annual Meeting of the Northeastern Society of Plastic Surgeons (NESPS). Virtual Meeting, September 2020.
12. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. 2019 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 21, 2019.
13. Gray R, **Lu SM**, Shafer D. How Does the Public Perceive a Patient after Treatment with Botulinum Toxin?. 2019 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 2019.
14. Fisher M, **Lu SM**, Chen K, Zhang B, Lee J, Bradley JP. Preventing Witch's Chin Deformity After Osseous Genioplasty. 2019 American Society of Plastic Surgeons (ASPS) Annual Meeting, San Diego, CA, September 21, 2019.
15. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. 18th Congress of the International Society of Craniofacial Surgery (ISCFS), Paris, France, September 18, 2019.
16. Fisher M, **Lu SM**, Chen K, Zhang B, Lee J, Bradley JP. Osseous Genioplasty: Prevention of Witch's Chin Deformity with No-Degloving Technique. 18th Congress of the International Society of Craniofacial Surgery (ISCFS), Paris, France, September 18, 2019.

17. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. 2019 American Society of Aesthetic Plastic Surgery (ASAPS) Annual Meeting, New Orleans, LA, May 19, 2019.
18. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. New York Regional Society of Plastic Surgeons 2019 Residents' Night, New York, NY, March 11, 2019.
19. Gray R, **Lu SM**, Tanna N, Kasabian A. How Might Juvederm Impact a Patient's Interaction with Others? The 24th International Society of Aesthetic Plastic Surgery (ISAPS) Global Congress, Miami, FL, November 01, 2018.
20. **Lu SM**, Bregman D, Matarasso A. Sex Reassignment Surgery: Is It Good for Patients?. 2018 American Society of Plastic Surgeons (ASPS) Annual Meeting, Chicago, IL, September 30, 2018.
21. **Lu SM**, Dec W, Lerman OZ. Laser Speckle Contrast Imaging: Introducing a New Method for Real-Time Microcirculation Imaging in Plastic Surgery. 2018 American Assocation of Plastic Surgeons (AAPS) Annual Meeting, Seattle, WA, April 10, 2018.
22. **Lu SM**, Hsu DT, Perry A, Leipziger L, Kasabian AK, Bartlett SP, Thorne CH, Tanna N. The Public Face of Rhinoplasty: Impact on Perceived Attractiveness and Personality. 2017 American Society of Plastic Surgeons (ASPS) Annual Meeting, Orlando, FL, October 9, 2017.
23. Fisher M, **Lu SM**, Perry A, Kasabian AK, Thorne CH, Tanna N. The State of Plastic Surgery Education Outside of the Operating Room. 2017 American Society of Plastic Surgeons (ASPS) Annual Meeting, Orlando, FL, October 9, 2017.
24. **Lu SM**, Hsu DT, Perry A, Leipziger L, Kasabian AK, Bartlett SP, Thorne CH, Tanna N. The Public Face of Rhinoplasty: Impact on Perceived Attractiveness and Personality. 2017 Northeastern Society of Plastic Surgeons (NESPS) 34th Annual Meeting, Newport, RI, September 8, 2017.
25. **Lu SM,** Gray R, Rodgers S, Schneider S, Tanna N, Bastidas N. The Utility of 3D CAD/CAM for Cranial Vault Reconstruction in Complex and Multi-sutural Craniosynostosis. 2017 American Cleft Palate Craniofacial Association (ACPA) 74th Annual Meeting, Colorado Springs, CO, March 15, 2017.
26. **Lu SM**, Delmauro M, Israeli R, Bank J. 'Incidentalomas' on Preoperative CT Angiograms for Breast Reconstruction—Incidence and Impact. 2017 American Society for Reconstructive Microsurgery (ASRM) Annual Meeting, Waikoloa, HI, January 16th, 2017.
27. **Lu SM**, Kasabian A, Culliford AT. Fat Grafting for Basal Joint Arthritis. 2016 Northeastern Society of Plastic Surgeons (NESPS) 33rd Annual Meeting, Baltimore, MD, October 15, 2016.
28. **Lu SM**, Delmauro M, Israeli R, Bank J. 'Incidentalomas' on Preoperative CT Angiograms for Breast Reconstruction—Incidence and Impact. 2016 Northeastern Society of Plastic Surgeons (NESPS) 33rd Annual Meeting, Baltimore, MD, October 14, 2016.
29. **Lu SM,** Fisher M, Perry A, Kasabian AK, Lerman O, Tanna, N. Perfusion Assessment of the Deep Inferior Epigastric Artery Perforator Flap: A Blood Gas Analysis. 2016 American Society of Plastic Surgeons (ASPS) Annual Meeting, Los Angeles, CA, September 26, 2016.
30. **Lu SM**, Kasabian A, Liang F. Eulerian Video Magnification for Flap Monitoring: Touch Free Perfusion Visualization. 2016 Joint Annual Meeting: Plastic Surgery Research Council (PSRC) & American Association of Plastic Surgeons (AAPS), New York, NY, May 22, 2016.
31. **Lu SM**, Rekate HL, Tanna N, Kasabian AK, Leipziger LS, Bradley JP, Bastidas N. Inferiorly-Directed Posterior Cranial Vault Distraction for Treatment of Chiari Malformations. 2015 American Society of Plastic Surgeons (ASPS) Annual Meeting, Boston, MA, October 17, 2015.
32. **Lu SM**, Rekate H, Tanna N, Kasabian AK, Leipziger LS, Bradley JP, Bastidas N. Inferiorly-directed Posterior Cranial Vault Distraction for Treatment of Chiari Malformation. New York Regional Society of Plastic Surgeons 2015 Resident's Night, New York, NY, March 9th, 2015.

PUBLISHED ABSTRACTS AND PUBLISHED LETTERS:

1. Khaw KL, **Lu SM**. D90. Is Gender Affirming Care Always Affirming? A Cross-Platform Analysis of Patient Regrets. *Plast Reconstr Surg Glob Open*. 13(S2):128, May 2025.
2. Khaw KL, **Lu SM**. One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty. Northeastern Society of Plastic Surgeons (NESPS) Craniomaxillofacial Abstracts Presented at the 41st Annual Meeting. *FACE*. 2024;0(0).
3. Chen K, **Lu S**, Bradley JP. Reply: Facial Recognition Neural Networks Confirm Success of Facial Feminization Surgery. *Plast Reconstr Surg*. 2021 Feb 1;147(2):355e-356e.
4. Gray R, **Lu SM**, Shafer D. How Does the Public Perceive a Patient After Treatment With Minimally Invasive Cosmetics?. *Plast Reconstr Surg Glob Open*. 2019 Aug; 7(8S-1): 10.
5. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. *Plast Reconstr Surg Glob Open*. 2019 Aug; 7(8S-1): 47-48.
6. Fisher M, **Lu SM**, Chen K, Zhang B, Lee J, Bradley JP. Osseous Genioplasty: Prevention of Witch's Chin Deformity with No-Degloving Technique. *Plast Reconstr Surg Glob Open*. 2019 Aug; 7(8S-2): 149-150.
7. **Lu SM**, Chen K, Fisher M, Cheng R, Zhang B, Di Maggio M, Bradley JP. Evaluating the Success of Facial Feminization Surgery through Artificial and Human Intelligence. *Plast Reconstr Surg Glob Open*. 2019 Aug; 7(8S-2): 146-147.
8. **Lu SM**, Tanna, N. Reply: The Public Face of Rhinoplasty: Impact on Perceived Attractiveness and Personality. *Plast Reconstr Surg*. 2019 May;143(5):1124e-1125e.
9. **Lu SM**, Bregman D, Matarasso A. Sex Reassignment Surgery: Is It Good for Patients? *Plast Reconstr Surg Glob Open*. 2018 Sep; 6(9 Suppl): 138-138.
10. **Lu SM**, Hsu DT, Perry A, Leipziger L, Kasabian AK, Bartlett SP, Thorne CH, Tanna N. The Public Face of Rhinoplasty: Impact on Perceived Attractiveness and Personality. *Plast Reconstr Surg Glob Open*. 2017 Sept; 5(9 Suppl):189-90.
11. Fisher M, **Lu SM**, Perry A, Kasabian AK, Thorne CH, Tanna N. The State of Plastic Surgery Education Outside of the Operating Room. *Plast Reconstr Surg Glob Open*. 2017 Sept; 5(9 Suppl):219.
12. **Lu SM,** Fisher M, Perry A, Kasabian AK, Lerman O, Tanna, N. Perfusion Assessment of the Deep Inferior Epigastric Artery Perforator Flap: A Blood Gas Analysis. *Plast Reconstr Surg Glob Open*. 2016 Sept; 4(9 Suppl):164-5.
13. **Lu SM**, Kasabian A, Liang F. Eulerian Video Magnification for Flap Monitoring: Touch Free Perfusion Visualization. *Plast Reconstr Surg Glob Open*. 2016 Apr; 4(4 Suppl): 35-107.
14. **Lu SM**, Rekate HL, Tanna N, Kasabian AK, Leipziger LS, Bradley JP, Bastidas NM. Inferiorly-Directed Posterior Cranial Vault Distraction for Treatment of Chiari Malformations. *Plast Reconstr Surg*. 2015 Oct; 136(4 Suppl):50-1.

POSTER PRESENTATIONS:

1. Bosak E, Morgan L, **Lu SM**. National Estimates of Hand and Wrist Fractures in Skiing vs Snowboarding Injuries, 2014-2024: An Analysis of the NEISS Database. Drexel University Discovery Day, Philadelphia, PA, November 6, 2025.
2. Pardo C, **Lu SM**. Face First Into the Future: Trends in Craniofacial Injuries due to Virtual Reality Headset Use. Drexel University Discovery Day, Philadelphia, PA, November 6, 2025.
3. Khaw KL, **Lu SM**. Is Gender Affirming Care Always Affirming? A Cross-Platform Analysis of Patient Regrets. 2025 American Association of Plastic Surgeons (AAPS) Annual Meeting, Austin, TX, May 2025.
4. Khaw KL, **Lu SM**. One Profile to Rule Them All? A Neural Network Investigation of the Homogenizing Effect of Primary Rhinoplasty. 2025 Plastic Surgery Research Council (PSRC) Annual Meeting, St. Louis, MO, May 3, 2025.

5. Khaw KL, **Lu SM**. Is Gender Affirming Care Always Affirming? A Cross-Platform Analysis of Patient Regrets. Robert H. Ivy Society of Plastic Surgeons 71st Annual Scientific Meeting, Philadelphia, PA, March 29, 2025.
6. Lin A, **Lu SM**. Wound Care Clinics: Under the Domain of Plastic Surgery? 39th Annual Meeting of the Northeastern Society of Plastic Surgeons (NESPS), Newport, RI. September 30, 2022.
7. Goldman J, **Lu SM**, Chaiyasate K. Microsurgery in the Pediatric Craniofacial Population. 2020 American Society for Reconstructive Microsurgery (ASRM) Annual Meeting, Fort Lauderdale, FL, January 10, 2020.
8. Bradley JP, Deschamps-Braly J, Bastidas N, **Lu SM**, Lee J. Osseous Transformation with Facial Feminization Surgery: Improved Anatomic Accuracy with Virtual Planning. 18th Congress of the International Society of Craniofacial Surgery (ISCFS), Paris, France, September 19, 2019.
9. Gray R, **Lu SM,** Tanna N. The Impact of Juvederm on the Public's Perception of a Patient's Attractiveness and Personality Traits. 2018 American Assocation of Plastic Surgeons (AAPS) Annual Meeting, Seattle, WA, April 10, 2018.
10. **Lu SM**, Delmauro MA, Wiser I, Machnicki S, Bernik SF, Robbins DH, Lerman OZ. Management of Incidentalomas Found on Abdominal CT Angiograms during Preoperative Planning for Perforator Flap Breast Reconstruction. 2018 American Society for Reconstructive Microsurgery (ASRM) Annual Meeting, Phoenix, AZ, January 13, 2018.
11. **Lu SM**, Chandler AR, Wiser I, Lerman OZ. Bony and Soft Tissue Orbital Reconstruction Using Intra-Operative CT-guided Navigation. 2018 American Society for Reconstructive Microsurgery (ASRM) Annual Meeting, Phoenix, AZ, January 13, 2018.
12. Krymskaya VP, Goncharov D, **Lu S**, Khavin I, Goncharova E. Combination of simvastatin and rapmycin abrogates TSC2-null tumor growth in nude mice and improves animal survival. University of Pennsylvania 16th Annual Respiration Research Retreat; Villanova, PA, June 18, 2010.

WORK/RESEARCH EXPERIENCE:

2014-2019 **Bioskills Education Center**, Northwell Health, Lake Success, NY
Planned, designed, and coordinated over a dozen hands-on fresh frozen cadaver educational and dissection courses for resident education with visiting professors and orthopedic and plastic surgery attendings.

2012-2013 **Division of Plastic Surgery,** University of Pennsylvania, Philadelphia, PA
Scholarly Pursuit. Mentor: Joseph Serletti. Clinical research comparing unilateral vs. bilateral breast free flap reconstruction, and post-surgical abdominal wall outcomes.

2009-2010 **Airways Biology Initiative,** University of Pennsylvania, Philadelphia, PA
Research Assistant. Mentor: Vera Krymskaya. Full-time basic laboratory research involving tumorigenic cell line growth assays, tumor-cell movement mapping/measurement, and measurement of tumor-injected mice.

2009 **Lankenau Medical Center**, Wynnewood, PA
Volunteered as a chaplain for patients of all beliefs on a weekly basis

2003-2006 **MIT Lincoln Laboratory**, Lexington, MA
Assistant Technical Staff, Advanced Sensor Techniques Group. Performed analog/digital signal processing, adaptive sensor array processing, and algorithm development for communications and geolocation problems with a Dept. of Defense Secret Clearance.

2002-2003 **Senior Thesis**, Princeton University, Princeton, NJ
Mentor: Jordan Ellenberg. On the Sum of Four Squares and its Generalizations.

2002 **Research Experience for Undergraduates**, University of Minnesota, Minneapolis, MN

Mentor: Paul Garrett. Meromorphic continuations of Eisenstein series using Rankin-Selberg method.

2001-2002 **Junior Independent Work**, Princeton University, Princeton, NJ
Mentor: John H. Conway. Enumerated and classified orbifolds of spacegroups.
Mentors: Andrew Wiles, Steven J. Miller. Computational methods to find analytic rank of elliptic curves.

2000 **Lucent Technologies**, Bell Laboratories, Murray Hill, NJ
Technical Associate. Mentors: Sylvain Gilat, Zhenan Bao. Conducted research in two organic chemistry labs, investigating molecular logic gates and organic high mobility thin-film field-effect transistors.

MUSIC:

Professional and commercially-available recordings (on which I appear):

1. Mahler: Symphony No. 2 "Resurrection", Philadelphia Orchestra conducted by Christoph Eschenbach. Ondine ODE 1134-2D, 2009. (www.amazon.com/dp/B001N26H06/)
2. Tanglewood Festival Chorus: 40th Anniversary, Tanglewood Festival Chorus conducted by John Oliver. BSO Classics 1004, 2010. (www.amazon.com/dp/B004HDVSVQ/)
3. Berlioz: Romeo and Juliet, Philadelphia Orchestra conducted by Charles Dutoit. Philadelphia Orchestra Association, 2010. (www.amazon.com/dp/B004B5UATG/)

2006-2013 **The Philadelphia Singers Chorale**, Philadelphia, PA
Resident chorus of the Philadelphia Orchestra. Sang in over thirty performances through regular and summer seasons in Verizon Hall, Philadelphia, and Carnegie Hall, New York.

2005-2006 **Tanglewood Festival Chorus**, Boston, MA
Official chorus of the Boston Symphony and Boston Pops. Sang in over twenty performances through regular and summer seasons in Boston, and Tanglewood, MA.
Also appeared in CBS4's televised 2006 Boston Holidays Pops broadcast with Jose Feliciano

Other: French horn: played in the Philadelphia Youth Orchestra (1997-1999) and the Princeton University Orchestra (1999-2000)
Voice: performed in Princeton University production of *Die Zauberflote* (2002) and PU Glee Club (2000-2001)

VOLUNTEER AND MINISTRY-RELATED WORK:

2013-Present **Million Dollar Bike Ride**, Philadelphia, PA
Annual ride hosted by UPenn to raise money for research on orphaned and rare diseases. I have personally raised over $7000 for the Lymphangioleiomyomatosis (LAM) Foundation.

2015-2019 **Roslyn Presbyterian Church**, Roslyn, NY
Ruling elder, pulpit preaching, piano playing, and Sunday school teaching

2006-2013 **Crossroads Community Church**, Upper Darby, PA
Regular preaching from the pulpit, developing and teaching weekly Sunday school, hosting Bible studies, monthly piano playing for worship services. Pastoral Intern (04/2007-10/2008), twice recipient of McConnell Preaching Fellowship

2010-2013 **Penn Med Christian Fellowship**, University of Pennsylvania, Philadelphia, PA
Executive team, leading weekly Bible studies, mentoring other medical students

2012-2013 **Plastic Surgery Interest Group**, University of Pennsylvania, Philadelphia, PA

2006-2009 **Student Association of Westminster Theological Seminary**, Glenside, PA

As treasurer, I managed a $16,000 annual budget for planning social and community-oriented activities for the entire student body

2006-2009 **American Red Cross Blood Drive**, Glenside PA

On-campus liaison and Blood Drive Coordinator for semi-annual Blood Drives

2001 **SEND International**, Mindanao Province, Philippines

Month-long missions trip to the southern Philippines Taught English, math, and computer skills in a multi-focal outreach to a Muslim minority-group which included medical clinics, literacy, livelihood skills, animal husbandry, farming techniques, and more.