

# Stanford

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## Halley Darrach

- Affiliate, Dean's Office Operations - Dean Other
- Resident in Surgery - Plastic & Reconstructive Surgery

### Bio

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#### BIO

Halley Darrach is a plastic and reconstructive surgery resident (2020-2027) at Stanford Health. She is currently completing a professional development year with ReSurge International, a nonprofit dedicated to increasing global access to reconstructive surgery through surgeon education and sustainable, local-driven initiatives.

Dr. Darrach received her medical degree from Johns Hopkins and her bachelor's in cellular biology from California State University Northridge. While at Hopkins, she completed a dedicated research fellowship studying oncologic reconstruction outcomes under the mentorship of Dr. Justin Sacks and worked as a medical illustrator designing patient and surgeon education tools.

Prior to residency, she spent several years conducting astrobiology research at the Jet Propulsion Laboratory and was the first hire at a biotech startup company, where she helped adapt NASA technology for medical and counterterrorism applications. Outside of the OR, she enjoys figure drawing, long-distance swimming, and travelling the world in search of new favourite cuisines.

Dr. Darrach's research interests include gender affirming surgery, oncologic reconstruction, ethnic plastic surgery, societal perceptions of deformity, and use of medical illustration in patient and surgeon education.

### Publications

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#### PUBLICATIONS

- **Travel distance and national access to gender-affirming surgery.** *Surgery*

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- **Identifying Public Perceptions, Attitudes, and Concerns About Breast Implants and Their Complications: A National Survey with Implications for Practice.** *Plastic and reconstructive surgery*

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2022

- **An overview of common peroneal nerve dysfunction and systematic assessment of its relation to falls.** *International orthopaedics*

Capodici, A., Hagert, E., Darrach, H., Curtin, C.  
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- **Gender Affirming Surgery: A Comprehensive, Systematic Review of All Peer-reviewed Literature and Methods of Assessing Patient-centered Outcomes (Part 2: Genital Reconstruction).** *Annals of surgery*

Oles, N., Darrach, H., Landford, W., Garza, M., Twose, C., Park, C. S., Tran, P., Schechter, L. S., Lau, B., Coon, D.  
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- **Use of a Wearable Posture-Correcting Device to Train Residents in Plastic Surgery: A Novel Approach to Surgical Ergonomics and Prevention of Associated Musculoskeletal Disorders.** *Plastic and reconstructive surgery*  
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- **Quantifying the Effect of Topical Nitroglycerin on Random Pattern Flap Perfusion in a Rodent Model: An Application of the ViOptix Intra.Ox for Dynamic Flap Perfusion Assessment and Salvage.** *Plastic and reconstructive surgery*  
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- **Perspectives of 281 patients with Mayer-Rokitansky-Küster-Hauser Syndrome on uterine transplantation.** *Fertility and sterility*  
Fischer, N., Xun, H., Lossie, A., Fadavi, D., Darrach, H., Yesanthal Rao, P., Kraenzlin, F., Singh, B., Sacks, J. M., Segars, J. H.  
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- **Pectoral placement of tissue expanders affects inpatient opioid use.** *The breast journal*  
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- **Diagnostic and Therapeutic Use of Botox for Breast Reconstruction.** *Archives of clinical and medical case reports*  
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- **Selfies and Surgery: How Photo Editing Impacts Perceptions of Facial Plastic Surgery Capabilities.** *Facial plastic surgery & aesthetic medicine*  
Chen, J., Ishii, L. E., Liao, D., Huynh, P. P., Darrach, H., Kumar, A. R., Ishii, M.  
2020
- **Comparison of the ViOptix Intra.Ox Near Infrared Tissue Spectrometer and Indocyanine Green Angiography in a Porcine Bowel Model.** *Journal of reconstructive microsurgery*  
Khavanin, N., Almaazmi, H., Darrach, H., Kraenzlin, F., Safar, B., Sacks, J. M.  
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- **Public Perceptions on Breast Implant-Associated Anaplastic Large Cell Lymphoma.** *Plastic and reconstructive surgery*  
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- **Breast Augmentation in the Transfemale Patient: Comprehensive Principles for Planning and Obtaining Ideal Results.** *Plastic and reconstructive surgery*  
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2020; 145 (6): 1343-1353
- **Exploring Patient Motivations and Impact of Asian Blepharoplasty.** *Facial plastic surgery : FPS*  
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- **Gender Affirming Surgery: A Comprehensive, Systematic Review of All Peer-Reviewed Literature and Methods of Assessing Patient-Centered Outcomes (Part 1: Breast/Chest, Face, and Voice).** *Annals of surgery*  
Oles, N., Darrach, H., Landford, W., Garza, M., Twose, C., Park, C. S., Tran, P., Schechter, L. S., Lau, B., Coon, D.  
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- **Surgical versus Nonsurgical Management of Postmastectomy Lymphedema: A Prospective Quality of Life Investigation.** *Journal of reconstructive microsurgery*  
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2020
- **Objectively measuring social attention of thyroid neck scars and transoral surgery using eye tracking.** *The Laryngoscope*  
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- **Cost Utility of Breast Tissue Expansion using Carbon Dioxide versus Saline: An Analysis of Infection Risk.** *Plastic and reconstructive surgery. Global open*  
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- **Reconstructive limb-salvage surgery after lower extremity soft tissue sarcoma resection: A 20-year experience.** *Journal of surgical oncology*  
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