

Annie Sescleifer, MD

Hometown: St. Louis, MO

Undergrad: University of Notre Dame

Surgical Specialty Interest: Pediatric Surgery, Global Surgery

Hobbies: Traveling, hiking, exploring new cafes/restaurants, reading

Publications:

Sescleifer AM, Francoise CA, Lin AY. Systematic review: online crowdsourcing to assess perceptual speech outcomes. *Journal of Surgical Research*. 2018 Dec; 232, 351-364.

Sescleifer AM, Francoise CA, Webber JC, Rector JD, Lin AY. Transforming assessment of speech in children with cleft palate via online crowdsourcing. *PLoS One*. 2020;15(1):e0227686.

Francoise CA, Sescleifer AM, King WT, Lin AY. Three-dimensional printing in medicine: a systematic review of pediatric applications. *Pediatric Research*. 2020 June; doi:10.1038/s41390-020-0991-6

Onufer EJ, Aladegbami B, Imai T, Seiler K, Bajinting A, Courtney CM, Sutton S, Bustos A, Yao J, Yeh CH, Sescleifer AM, Wang L, Guo J, Warner BW. EGFR in enterocytes & endothelium and HIF1 α in enterocytes are dispensable for massive small bowel resection induced angiogenesis. *PLoS One*. 2020 Sept. 15(9), e0236964. doi:10.1371/journal.pone.0236964

Courtney CM, Onufer EJ, McDonald KG, Steinberger AM, Sescleifer AM, Seiler KM, Tecos ME, Newbery RD, Warner BW. Small Bowel Resection Increases Paracellular Gut Barrier Permeability via Alteration of Tight Junction Complexes Mediated by Intestinal TLR4. *Journal of Surgical Research*. 2021 Feb; 258, 73-81. doi:10.1016/j.jss.2020.08.049

Onufer, EJ, Han YH, Courtney CM, Steinberger AE, Tecos ME, Sutton S, Sescleifer AM, Ou J, Czepielewski R, Randolph GJ, Warner BW. Liver injury after small bowel resection is prevented in obesity-resistant 129S1/SvImJ mice. *American Journal of Physiology-Gastrointestinal and Liver Physiology*. 2021 Mar. doi:10.1152/ajpgi.00284.2020

Greenberg JW, Pribble CM, Singareddy A, Ta NA, Sescleifer AM, Fiore A, Huddleston C. The Failed Bi-Directional Glenn Shunt: Risk Factors for Poor Outcomes and the Importance of Early Reoperation. *World Journal for Pediatrics and Congenital Heart Surgery*. 2021 Nov; 12(6):760-764. doi: 10.1177/21501351211044129

Sescleifer AM, Osborn TA, Francoise CA, Rector JD, Lin AY. Seeing Cleft Lip from a New Angle: Crowdsourcing to Determine Whether Scar Severity or Lip Angle Matters More to the General Public. *Plastic and Reconstructive Surgery*. Manuscript accepted for publication.

Presentations:

Sescleifer AM, Onufer EJ, Courtney CM, Guo J, Warner BW. Gender Differences in Development of Metabolic Syndrome in Mice following Small Bowel Resection. *Missouri Chapter of the American College of Surgeons (ACS) 54th Annual Meeting*. Virtual Conference. May 1, 2021

Sescleifer AM, Onufer EJ, Greenspon YJ, Keller MS. 10 Years of Firearm Injuries: Children Caught in the Crossfire. *Missouri Conference on Trauma (MO COT)*. May 14, 2021.

Sescleifer AM, Onufer EJ, Greenspon YJ, Keller MS. A Decade of Firearm Injuries: Children Caught in the Crossfire. *American Pediatric Surgical Association (APSA) Annual Conference*. May 20-23, 2021.

Greenberg JW; Pribble CM; Singareddy A; Ta NA; Sescleifer AM; Fiore AC; Huddleston CB. Failed Glenn Shunts – Why They Happen and What To Do About It. A Thirty Year Single-Institution Experience. *Southern Thoracic Surgical Association (STSA) 67th Annual Conference*. Orlando, FL. Nov 4-7, 2020.

Onufer EJ, Han YH, Czepielewski R, Courtney CM, Sutton S, Steinberger AE, Sescleifer AM, Randolph G, Warner BW. Diminished hepatic lipid synthesis accompanies reduced bile acid resorption after small bowel resection to promote dietary lipid malabsorption. *Accepted in: American Association of Pediatrics 2020 Virtual National Conference and Exhibition*. Virtual Conference. Oct 2-5, 2020.

Francoisse CA, Sescleifer AM, Tyson C, Stash, B, Plikaitis CM. Demineralized Bone Matrix (DBX) for Alveolar Bone Grafting in Patients Previously Treated with Bone Morphogenetic Protein 2 (BMP2). *American Society of Plastic Surgeons (ASPS) 99th Annual Meeting*. Virtual Conference. Oct 17, 2020.

Sescleifer AM, Onufer EJ, Courtney CM, Guo J, Warner BW. Gender Differences in Development of Metabolic Syndrome in Mice following Small Bowel Resection. *Missouri Chapter of the American College of Surgeons (ACS) 53rd Annual Meeting*. Lake Ozark, MO. May 2-3, 2020. (Conference canceled due to COVID-19).

Francoisse CA, Sescleifer AM, Joseph A, Pan W, Plikaitis CM. Efficacy of Demineralized Bone Matrix in Setting of Bone Morphogenetic Protein 2. *Missouri Chapter of the American College of Surgeons (ACS) 53rd Annual Meeting*. Lake Ozark, MO. May 2-3, 2020. (Conference canceled due to COVID-19).

Francoisse CA; Sescleifer AM; Lin AY. Early Primary Closure Versus Delayed Primary Closure: Analysis Of Wound Healing Complications in Acute Traumatic Wounds. *Plastic Surgery Research Council (PSRC) 65th Annual Meeting*. Toronto, Canada. May 28-31, 2020. (Conference canceled due to COVID-19).

Francoisse CA, Sescleifer AM, Tyson C, Plikaitis C. Efficacy of Demineralized Bone Matrix (DBX) for Alveolar Bone Grafting in Patients Previously Treated with Bone Morphogenetic Protein 2 (BMP2). *American Cleft Palate-Craniofacial Association (ACPA) 77th Annual Meeting*. Portland, OR. Mar 31–Apr 4, 2020. (Conference canceled due to COVID-19).

Sescleifer AM, Keune JD. Are Clinical Microaggressions Responsible for Disparities in Outcomes by Race? *The American Society for Bioethics and Humanities (ASBH) 21st Annual Conference*. Pittsburgh, PA. Oct 24-27, 2019.

Sescleifer AM, Webber JC, Francoisse CA, Rector JD, Lin AY. Hearing Hypernasality: A Novel Assessment of Cleft Speech Using Online Crowdsourcing. *Plastic Surgery Research Council (PSRC) 64th Annual Meeting*. Baltimore, MD. May 2-5, 2019.

Sescleifer AM, Webber JC, Francoisse CA, Rector JD, Lin AY. Hearing Hypernasality: A Novel Assessment of Cleft Speech Using Online Crowdsourcing. *National Student Research Forum (NSRF) 60th Annual Meeting*. Galveston, TX. Apr 18-19, 2019.

Francoisse CA; Sescleifer AM; Lin AY. Three-Dimensional Printing in Pediatrics: A Systematic Review with a Focus on Cleft Care. *American Cleft Palate-Craniofacial Association (ACPA) 76th Annual Meeting*. Tucson, AZ. Apr 9-13, 2019.

Beh HZ; Polednik KM; Sescleifer AM; Huggins G; Braddock SR; Lin AY. Atypical Presentation of Craniosynostosis in Patients with Apert Syndrome: A Systematic Review of the Literature. *American Cleft Palate-Craniofacial Association (ACPA) 76th Annual Meeting*. Tucson, AZ. Apr 9-13, 2019.

Francoisse CA; Sescleifer AM; Lin AY. Three-Dimensional Printing in Pediatric Medicine and Surgery. *Saint Louis University Resident Research Fair*. Saint Louis, MO. Apr 10, 2019.

Sescleifer AM, Webber JC, Francoisse CA, Rector JD, Lin AY. Hearing Hypernasality: Online Crowdsourcing for Cleft Speech. *American Association of Plastic Surgeons (AAPS) 98th Annual Meeting*. Baltimore, MD. Apr 6-9, 2019.

Francoisse CA, Sescleifer AM, Lin AY. Three-Dimensional Printing: A Systematic Review of Medical and Surgical Applications. *Pediatric Science Days at SSM Cardinal Glennon Children's Hospital 13th Annual Meeting*. Saint Louis, MO. March 7, 2019.

Beh HZ, Polednik KM, Sescleifer AM, Huggins G, Braddock SR, Lin AY. Atypical Presentation of Craniosynostosis in Patients with Apert Syndrome: A Systematic Review of the Literature. *Pediatric Science Days at SSM Cardinal Glennon Children's Hospital 13th Annual Meeting*. Saint Louis, MO. March 7, 2019.

Sescleifer AM, Webber JC, Francoisse CA, Baltz J, Rector JD, Lin AY. Cleft Speech Assessment: Transforming Care Through Online Crowdsourcing. *Pediatric Science Days at SSM Cardinal Glennon Children's Hospital 13th Annual Meeting*. Saint Louis, MO. March 7, 2019.

Sescleifer AM, Webber JC, Francoisse CA, Baltz J, Rector JD, Lin AY. Hearing Hypernasality: Online Crowdsourcing of Cleft Speech. *AOA Medical Student Research Forum at Saint Louis University School of Medicine 54th Annual Research Forum*. Saint Louis, MO. Jan 16, 2019.

Francoisse CA; Sescleifer AM; Lin AY. Three-Dimensional Printing in Pediatric Medical and Surgical Applications: A Systematic Review. *American Society of Plastic Surgeons (ASPS) 87th Annual Meeting*. Chicago, IL. Sept. 29 - Oct 1, 2018.

Sescleifer AM, Keune JD. Racial Microaggressions in the Clinical Encounter. *Saint Louis University Bicentennial Health and Social Justice Conference*. Saint Louis, MO. Sept 13-15, 2018.

Sescleifer AM, Osborn TA, Rector JD, Lin AY. Seeing Cleft Lip from a New Angle: Crowdsourcing to Determine Whether Scar Severity or Lip Angle Matters More to the General Public. *Plastic Surgery Research Council (PSRC) 63rd Annual Meeting*. Birmingham, AL. May 17-20, 2018.

Sescleifer AM, Francoisse CA, Lin AY. Crowdsourcing to Assess Perceptual Speech Outcomes: A Systematic Review. *Plastic Surgery Research Council (PSRC) 63rd Annual Meeting*. Birmingham, AL. May 17-20, 2018.

Sescleifer AM, Osborn TA, Rector JD, Lin AY. Crowdsourcing Show Lip Angle More Influential than Scar in Lay Ratings of Cleft-Repair Aesthetics. *Missouri Chapter of the American College of Surgeons (ACS) 51st Annual Meeting*. Lake Ozark, MO. May 11-13, 2018.

Francoisse CA; Sescleifer AM; Lin AY. Three-Dimensional Printing in Pediatric Medical and Surgical Applications: A Systematic Review. *Missouri Chapter of the American College of Surgeons (ACS) 51st Annual Meeting*. Lake Ozark, MO. May 11-13, 2018.

Sescleifer AM, Osborn TA, Rector JD, Lin AY. Harnessing the Wisdom of the Crowd: Crowdsourcing Demonstrates Lip Angle More Influential than Scar Level in Lay Assessment of Cleft Repair Aesthetics. *Pediatric Science Days at SSM Cardinal Glennon Children's Hospital 12th Annual Meeting*. Saint Louis, MO. Apr 26-27, 2018.

Sescleifer AM, Osborn TA, Rector JD, Lin AY. Seeing Cleft Lip from a New Angle: Crowdsourcing to Determine Whether Scar Severity or Lip Angle Matters More to the General Public. *American Cleft Palate-Craniofacial Association (ACPA) 75th Annual Meeting*. Pittsburgh, PA. Apr 10-14, 2018.

Sescleifer AM, Lin AY. Crowdsourcing to Assess Perceptual Speech Outcomes: A Systematic Review *American Cleft Palate-Craniofacial Association (ACPA) 75th Annual Meeting*. Pittsburgh, PA. Apr 10-14, 2018.

Sescleifer AM, Osborn TA, Rector JD, Lin AY. Harnessing the Wisdom of the Crowd: Crowdsourcing Demonstrates Lip Angle More Influential than Scar Level in Lay Assessment of Cleft Repair Aesthetics. *AOA Medical Student Research Forum at Saint Louis University School of Medicine 53rd Annual Research Forum*. Saint Louis, MO. Jan 17, 2018.

Badru, F MD, MPH; Saxena, S MD; Sescleifer, A; Vyas, K; Greenspon J MD; Fitzpatrick C MD; Villalona, G MD; Chatoorgoon, K MD. Community Intervention Strategies May Reduce Recidivism and Mortality in Pediatric Victims of Penetrating Trauma. *Annual Meeting of Pediatric Trauma Society*. Charleston, SC. Nov 2-4, 2017.

Badru, F MD, MPH; Saxena, S MD; Sescleifer, A; Vyas, K; Greenspon J MD; Fitzpatrick C MD; Villalona, G MD; Chatoorgoon, K MD. Community Intervention Strategies May Reduce Recidivism and Mortality in Pediatric Victims of Penetrating Trauma. *Missouri Chapter of the American College of Surgeons (ACS) 50th Annual Meeting*. Lake Ozark, MO. May 19-21, 2017.

Sescleifer AM, Milord MD, Streit TS. Impact of Fortified Salt on Lymphatic Filariasis in Batey 7 of Dominican Republic: a model of binational cooperation to eliminate an island-spread infection. *University of Notre Dame Human Development Conference*. Notre Dame, IN. Feb 27-28, 2015.

Sescleifer AM, Milord MD, Streit TS. Impact of Fortified Salt on Lymphatic Filariasis in Batey 7 of Dominican Republic: a model of binational cooperation to eliminate an island-spread infection. *Haitian Studies Association Annual Conference*; Notre Dame, IN. Nov 6-8, 2014.