

EDUCATION

Fellowship	EMORY UNIVERSITY SCHOOL OF MEDICINE Division of Reproductive Endocrinology and Infertility Department of Gynecology and Obstetrics Atlanta, GA 2021 – 2024
Residency	EMORY UNIVERSITY SCHOOL OF MEDICINE Department of Gynecology and Obstetrics Atlanta, GA 2017 – 2021
Medical School	EMORY UNIVERSITY SCHOOL OF MEDICINE Doctor of Medicine Atlanta, GA 2012 – 2017
Graduate School	EMORY UNIVERSITY LANEY GRADUATE SCHOOL Master of Science in Clinical Research Atlanta, GA 2016 – 2017 Thesis Title: Impact of tamoxifen therapy on fertility in breast cancer survivors
Undergraduate	NORTHWESTERN UNIVERSITY Bachelor of Arts Majors: Psychology, Science in Human Culture (concentration: Medicine and Society) Minor: Chemistry Graduated <i>Cum Laude</i> Evanston, IL 2008 – 2012

BOARD CERTIFICATION

2022 – **Diplomat of the American Board of Obstetrics and Gynecology**

PROFESSIONAL MEMBERSHIPS

2024 –	Illinois State Medical Society
2024 –	Chicago Medical Society
2024 –	American Medical Association
2024 –	Fellow of the American Congress of Obstetricians and Gynecologists (FACOG)
2022 – 2024	Emory American Medical Women's Association (AMWA)
2021 –	Society of Reproductive Endocrinology and Infertility (SREI)
2018 –	American Society for Reproductive Medicine (ASRM)
2012 –	American Congress of Obstetricians and Gynecologists (ACOG)
2014 – 2017	American College of Physicians (ACP)
2012 – 2017	Emory School of Medicine Luella Klein OB-GYN Society

WORK EXPERIENCE

09/2024 – InVia Fertility

HOSPITAL AFFILIATIONS

09/2024 – Northwest Community Hospital, Arlington Heights, IL
11/2024 – Ascension St. Alexius Hospital, Hoffman Estates, IL
02/2025 – Endeavor Health - NorthShore Evanston Hospital, Evanston, IL

PUBLICATIONS

Peer Reviewed

Original Research

1. Herweck AM, Spencer JB, Simpson DY, Shang W, Hipp H, Campbell A, Merkison J, **Shandley LM**, Diego D, Meyer F, Smith AK, Knight AK. Prediction of aging pace and health risks by granulosa cell deoxyribonucleic acid methylation. *Fertil Steril* 2025; Jul 10:S0015-0282(25)00583-7. doi: 10.1016/j.fertnstert.2025.07.010 (online ahead of print).
2. **Shandley LM**, Fasano RM, Spencer JB, Mertens AC, McPherson LJ, Dixon MA, Poliektov N, Butler HE, James SM, Howards PP. The impact of sickle cell disease and its treatments on ovarian reserve in reproductive-aged Black women. *Br J Haematol*, 2024; Aug 205(2): 674-685. doi: 10.1111/bjh.19582
3. Traub A, **Shandley LM**, Hipp HS, Kawwass JK. Gestational Carrier Cycles: Embryology Trends, National Guideline Compliance, and Resultant Perinatal Outcomes in the United States, 2014–2020. *Am J Obstet Gynecol*, 2024; Oct 231(4): 446.e1–446.e11. doi: 10.1016/j.ajog.2024.04.027
4. Herweck A, DeSantis CE, **Shandley LM**, Kawwass JF, Hipp HS. International Gestational Surrogacy in the United States, 2014–2020. *Fertil Steril*, 2024; 121(4): 622–630. doi: 10.1016/j.fertnstert.2023.12.039
5. Kipling LM*, **Shandley LM***, Mertens AC, Spencer JC, Howards PP. The use of fertility treatments among reproductive-aged women after cancer. *Fertil Steril*, 2024; Apr 121(4): 578–588. doi: 10.1016/j.fertnstert.2023.12.012. *Joint first authors.
6. **Shandley LM**, DeSantis CE, Lee JC, Kawwass JF, Hipp HS. Trends and Outcomes of Assisted Reproductive Technology Cycles Using a Gestational Carrier Between 2014 and 2020. *JAMA*, 2023; 330(17):1691-1694. doi: 10.1001/jama.2023.11023
7. Diego D, **Shandley LM**, Feinberg EC, Cedars MI, Adashi EY, Kawwass JF, Hipp HS. REI clinics and fellowship training – a national snapshot to improve access to reproductive care. *J Assist Reprod Genet*, 2023; Sep 40(9): 2101–2108. doi: 10.1007/s10815-023-02868-y
8. Marthi S, **Shandley LM**, Ismaeel N, Anderson-Bialis J, Anderson-Bialis D, Kawwass JF, Hipp HS, Mehta A. Factors associated with a positive experience at US fertility clinics: the male partner perspective. *J Assist Reprod Genet*, 2023; Jun 40(6): 1317–1328. doi: 10.1007/s10815-023-02848-2
9. **Shandley LM**, Spencer JB, Kipling L, Hussain B, Mertens A, Howards PP. The risk of infertility after surgery for benign ovarian cysts. *J Women’s Health*, 2023; 32(5): 574-582. doi: 10.1089/jwh.2022.0385
10. Diego D, Medline A, **Shandley LM**, Kawwass JF, Hipp HS. Donor Sperm Recipients: Fertility Treatments,

Trends, and Pregnancy Outcomes. *J Assist Reprod Genet*, 2022; Oct 39(10): 2303-2310. doi: 10.1007/s10815-022-02616-8.

11. **Shandley LM**, Daniels LM, Spencer JB, Morof D, Mertens AC, Howards PP. Factors associated with unintended pregnancy in cancer survivors after cancer. *J Women's Health*, 2022; May 31(5): 665–674. doi: 10.1089/jwh.2021.0176
12. Katler Q, **Shandley LM**, Hipp H, Kawwass JK. National Egg Freezing Trends: Cycle and Patient Characteristics with a Focus on Race/Ethnicity. *Fertil Steril*, 2021; Aug 116(2): 528–537. doi: 10.1016/j.fertnstert.2021.02.032
13. Metcalfe ND, **Shandley LM**, Young MR, Higgins M, Abanulo C, Northington GM. Pelvic organ prolapse recurrence after apical prolapse repair: does obesity matter?. *Int Urogynecol J*. 2022; Feb 33(2): 275–284. doi: 10.1007/s00192-021-04806-x
14. Violette C, Kim T, **Shandley L**, Lee R, Staley C, Winer J, Maithel S, Hipp H, Kawwass J, Russell M. Fertility after cytoreductive surgery and hyperthermic intraperitoneal chemotherapy: A call to action. *J Surg Oncol*. 2021; Mar 123(4): 1045–1049. doi: 10.1002/jso.26387
15. **Shandley LM**, Hipp HS, Anderson-Bialis J, Anderson-Bialis D, McKenzie LJ, Kawwass JF. Patient-Centered Care: Factors Associated with Reporting a Positive Experience at U.S. Fertility Clinics. *Fertil Steril*. 2020; Apr 113(4): 797-810. doi: 10.1016/j.fertnstert.2019.12.040
16. Kawwass JF, **Shandley LM**, Boulet SL, Hipp HS. Oncologic oocyte cryopreservation: national comparison of fertility preservation between women with and without cancer. *J Assist Reprod Genet*. 2020; Apr 37(4): 883-890. doi: 10.1007/s10815-020-01715-8
17. Hipp HS, **Shandley LM**, Schirmer DA, McKenzie L, Kawwass JF. Oocyte Cryopreservation in Adolescent Women. *J Pediatr Adolesc Gynecol*. 2019, Aug 32(4): 377-382. doi: 10.1016/j.jpag.2019.03.001
18. Kim TG, Neblett MF, **Shandley LM**, Omurtag K, Hipp HS, Kawwass JF. National mosaic embryo transfer practices: a survey. *Am J Obstet Gynecol*. 2018; Dec 219(6): 02.e1-602.e7. doi: 10.1016/j.ajog.2018.09.030
19. **Shandley LM**, Fothergill A, Spencer JB, Mertens AC, Cottrell HN, Howards PP. Impact of cancer treatment on risk of fertility and diminished ovarian reserve in women with polycystic ovary syndrome. *Fertil Steril*. 2018; Mar 109(3): 516-525.e1. doi: 10.1016/j.fertnstert.2017.11.016
20. **Shandley LM**, Spencer JB, Fothergill A, Mertens AC, Manatunga A, Paplomata E, Howards PP. Impact of tamoxifen therapy on fertility in breast cancer survivors. *Fertil Steril*. 2017;107(1): 243-252.e5. doi: 10.1016/j.fertnstert.2016.10.020

Review Articles and Commentaries

20. Huang E, **Shandley LM**, Mehta A, Kobashi KC, Muthigi A. Fertility Preservation for Iatrogenic Infertility: Patient Barriers and Opportunities for the Reproductive Medicine Workforce. *Urology Practice* 2024; Oct 11 (online ahead of print). doi: 10.1097/UPJ.0000000000000735
21. Herweck A, Traub AM, **Shandley LM**. Navigating the Legal Landscape of Reproductive Rights and Medical Training After *LePage v. Mobile Infirmary Clinic*. *Obstet Gynecol*. 2024; Dec 1;144(6):e129-e133. doi: 10.1097/AOG.0000000000005728
22. **Shandley LM**, Hipp HS. In Vitro Fertilization Outcomes After Inactivated COVID-19 Vaccine – Invited Commentary. *JAMA Open Network*, 2022; 5(10):e2236618. doi:10.1001/jamanetworkopen.2022.36618.
23. **Shandley LM**, McKenzie LJ. Recent Advances in Fertility Preservation and Counseling for Reproductive Aged

Women with Colorectal Cancer: A Systematic Review. Dis Colon Rectum. 2019; Jun 62(6): 762-771. doi: 10.1097/DCR.0000000000001351

ORAL PRESENTATIONS

National and International

1. **Shandley LM**, DeSantis CE, Lee JC, Kawwass JF, Hipp HS. Trends and Outcomes of Assisted Reproductive Technology Cycles Using a Gestational Carrier Between 2014 and 2020. Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 18, 2023; New Orleans, LA.
2. **Shandley LM**, Katler QS, Hipp HS, Fried R, Wilder C, Calhoun K, Kawwass JF. Oocyte Cryopreservation: Oncologic versus Non-oncologic Cycle Characteristics. Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 20, 2021; Baltimore, MD.
3. **Shandley LM**, McKenzie LJ, Hipp H, Anderson-Bialis J, Anderson-Bialis D, Kawwass JF. Patient-centered care: Factors associated with reporting a positive experience at U.S. fertility clinics. Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 10, 2018; Denver, CO.
4. Chen JS, Corea MJ, Fuchs C, **Shandley LM**, Stephens FK. The Cambodian Children's Fund Community Clinic Needs Assessment – Preliminary Results. July 27, 2016; Phnom Penh, Cambodia.

Regional

1. **Shandley LM**. Polycystic Ovary Syndrome. Department of Obstetrics and Gynecology Medical Student Didactics. University of Illinois College of Medicine Rockford, April 17, 2025; June 17, 2025; July 31, 2025; Rockford, IL.
2. **Shandley LM**. Sickle Cell Disease and Reproductive Health. My Three Sicklers Therapeutics Summit. April 27, 2024; Riverdale, GA.
3. **Shandley LM**. Sickle Cell Disease for the Reproductive Endocrinology and Infertility Specialist. Division of Reproductive Endocrinology and Infertility Fellows Didactics. June 14, 2023; Emory University, Atlanta, GA.
4. **Shandley LM**. Normal and Abnormal Sexual Development. Division of Reproductive Endocrinology and Infertility Fellows Didactics. October 19, 2022; Emory University, Atlanta, GA.
5. **Shandley LM**. Polycystic Ovary Syndrome. Department of Gynecology and Obstetrics Resident Didactic Series. August 31, 2022; Emory University, Atlanta GA.
6. **Shandley LM**. Menopause and Hormone Replacement Therapy. Division of Reproductive Endocrinology and Infertility Fellows Didactics. May 4, 2022; Emory University, Atlanta GA.
7. **Shandley LM**. Gamete Biology and Transport. Division of Reproductive Endocrinology and Infertility Fellows Didactics. November 10, 2021; Emory University, Atlanta GA.
8. **Shandley LM**, McKenzie LJ, Hipp H, Anderson-Bialis J, Anderson-Bialis D, Kawwass JF. Patient-centered care: Factors associated with reporting a positive experience at U.S. fertility clinics. Annual Conference for the Georgia OBGYN Society. August 24, 2019; Amelia Island, FL.
9. **Shandley LM**. Non-Tubal Ectopic Pregnancy. Department of Gynecology and Obstetrics Chair's Conference, July 24, 2019; Atlanta, GA.

ABSTRACTS AND POSTER PRESENTATIONS

National and International

1. Goldenberg M, Cromack SC, Walter J, Scott JL, Li HJ, Varga J, DeCherney A, Fitzhugh CD, Limerick E, Hsieh M, Rush M, Gracia C, **Shandley L**, Andre K, Kawwass JF, Cayton Vaught KC, Cameron K, Pecker LH. Fertility Preservation Outcomes for People with Ovaries and Sickle Cell Anemia: A Multi-Center Study. American Society of Hematology Annual Meeting & Exposition. December 9, 2024; San Diego, CA.
2. Huang EY, **Shandley LM**, Kobashi KC, Muthigi A. Healthy policy, cost, and lack of access to specialized care are main barriers to fertility preservation prior to iatrogenic infertility. Western Section American Urological Association Annual Meeting. October 27, 2024; Kauai, HI.
3. Monseur B, **Shandley LM**, Zhang J, Leonard SA, Hipp HS, Obedin-Maliver J, Alvero RJ, Leondires MP. Gestational Carrier Cycles Among Male Same-Sex Couples in the United States, 2017–2020. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 22, 2024; Denver, CO.
4. Gathoo AN, **Shandley LM**, Lee JC, Boulet S, Kawwass JF. Trends and Outcomes of IVF/ICSI with Preimplantation Genetic Testings for Aneuploidy in Young Women with Recurrent Pregnancy Loss Considering the Impact of Ovarian Reserve. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 22, 2024; Denver, CO.
5. Monseur B, **Shandley LM**, Zhang J, Leonard S, Laniakea B, Hipp HS, Obedin-Maliver J, Alvero R, Leondires M. Domestic and cross-border reproductive care among same-sex male intended parents: comparing live birth rates in a national retrospective cohort in the United States. Annual Meeting for the European Society of Human Reproduction and Embryology. July 9, 2024; Amsterdam, The Netherlands.
6. Traub A, **Shandley LM**, Boulet S, Hipp H, Kawwass JF. United States Gestational Carrier Embryo Transfer Trends, 2014–2020. American College of Obstetricians and Gynecologists Annual Clinical & Scientific Meeting. May 17–19, 2024; San Francisco, CA.
7. **Shandley LM**, Spencer JB, Fasano RM, Mertens AC, Howards PP. The impact of sickle cell disease treatment on ovarian reserve. 72nd Annual Meeting of the Pacific Coast Reproductive Specialists. March 20–23, 2024; Indian Wells, CA.
8. Herweck AM, DeSantis CE, **Shandley LM**, Kawwass JF, Hipp HS. International Gestational Surrogacy in the United States, 2014–2020. 71st Annual Meeting of the Pacific Coast Reproductive Specialists. March 22–26, 2023; Indian Wells, CA.
9. Katler QS, **Shandley LM**, Wilder C, Fried R, Calhoun K, Kawwass JK, Hipp HS. Who is Freezing Eggs, Y’All? Descriptive Characteristics of Women Undergoing Oocyte Cryopreservation at Two Urban Fertility Clinics in the South, with a Focus on Race/Ethnicity. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 19, 2021; Baltimore, MD.
10. Spielman D, **Shandley LM**, Figueira S, Reed C, Violette C, Reed J, Hipp HS, Kawwass JF. Oncologic Fertility Preservation: Predictors of Patient Treatment Choice. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 19, 2021; Baltimore, MD.
11. Katler QS, **Shandley LM**, Hipp HS, Kawwass JF. Does ethnicity impact oocyte cryopreservation outcomes? National Trends and Outcomes in Autologous Oocyte Cryopreservation in the United States. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 19, 2020; Virtual Conference.
12. Violette C, Kim T, **Shandley LM**, Staley CA, Winer J, Maithel SK, Hipp H, Kawwass, JF, Russell MC. Cytoreductive Surgery, Hyperthermic Intraperitoneal Chemotherapy and Subsequent Fertility: Should We Be Doing More? Society of

Surgical Oncology 2020 Advanced Cancer Therapies. February 16, 2020; Orlando, FL.

13. **Shandley LM**, Spencer JB, Kipling LM, Hussain B, Mertens AC, Howards PP. Ovarian Cysts Requiring Surgery and Infertility. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 16, 2019; Philadelphia, PA.
14. Kawwass JF, **Shandley LM**, Boulet SL, Hipp HS. Oncologic Oocyte Cryopreservation for Fertility Preservation: National Trends and Comparison of Cycle Characteristics between Women with and without Cancer. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 15, 2019; Philadelphia, PA.
15. Kim TG, Neblett MF, **Shandley LM**, Omurtag KR, Hipp HS, Kawwass JF. National mosaic embryo transfer practices: a survey. Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 10, 2018; Denver, CO.
16. **Shandley LM**, Spencer JB, McKenzie LJ, Mertens AC, Howards PP. Contraceptive Usage in Female Survivors of Young Adult Cancers. Annual Clinical and Scientific Meeting for the American Congress of Obstetricians and Gynecologists. April 28, 2018; Austin, TX.
17. **Shandley LM**, Daniels LM, Spencer JB, Mertens AC, Howards PP. Factors associated with unintended pregnancy in cancer survivors after cancer. Annual Conference for the Association for Clinical and Translational Science. April 19, 2017; Washington, D.C.
18. **Shandley LM**, Spencer JB, Fothergill A, Mertens AC, Manatunga A, Paplomata E, Howards PP. Impact of tamoxifen therapy on fertility in breast cancer survivors. Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 18, 2016; Salt Lake City, UT.
19. Howards PP, Jacobson MH, Fothergill A, **Shandley LM**, Spencer JB, Mertens AC. Do cancer survivors who report infertility meet their reproductive goals? Annual Scientific Congress and Exposition for the American Society for Reproductive Medicine. October 18, 2016; Salt Lake City, UT.
20. **Shandley LM**, Spencer JB, Fothergill A, Mertens AC, Howards PP. Impact of tamoxifen therapy on fertility in breast cancer survivors: Do reproductive outcomes after breast cancer differ by whether or not women take tamoxifen? Annual Conference for the Association for Clinical and Translational Science. April 14, 2016; Washington, D.C.
21. Howards PP, Jacobson MH, Fothergill A, Chin HB, **Shandley LM**, Mertens AC, Spencer JB. Cancer Survivors are at Increased Risk for Early Menopause and Decreased Antral Follicle Count: Results from the FUCHSIA Women's Study. 2015 Annual Scientific Congress and Exposition for American Society for Reproductive Medicine. October 21, 2015; Baltimore, MD.

Regional

14. Dickmeyer, L, Farahzad M, He S, Jiang V, Kellerhals S, Krishna G, Picon M, **Shandley LM**, Vuncannon D, Dude C. Improving Postpartum Care among Patients with Gestational Diabetes at Grady Memorial Hospital. Grady Memorial Hospital Resident Research Day. May 20, 2021; Atlanta, GA.
15. **Shandley LM**, Kang H, Wang A. Sub-Acute Presentation of Transverse Myelitis. American College of Physicians Georgia Chapter Annual Meeting. October 24, 2014; Pine Mountain, GA.

RESEARCH

among patients with severe blood disorders

PI: Lydia H. Pecker (group PI), Jennifer F. Kawwass (local PI)

- Analyzed Emory Reproductive Center data for over a 10-year timeframe to identify cases of oocyte cryopreservation or in vitro fertilization performed for women with severe blood disorders (e.g. sickle cell disease, thalassemia)
- Abstracted medical record information pertaining to treatment parameters and outcomes
- Co-authored abstract presented as an oral presentation at the American Society of Hematology's 2024 Annual Meeting & Exposition

2022 – 2023

National Trends, Geographic Distribution, and Outcomes of Assisted-Reproductive Technology Cycles using a Gestational Carrier, 2014–2020

PI: Heather Hipp, MD

- Lead investigator on accepted Society for Assisted Reproductive Technology (SART) proposal investigating national trends and outcomes for assisted-reproductive technology cycles using a gestational carrier
- First author on published research letter in *Journal of the American Medical Association*
- Co-author and mentor for a resident research project evaluating international intended parents' use of gestational carriers in the United States (*Fertility and Sterility*) and medical student research project investigating PGT and eSET in gestational carrier cycles (*AJOG*)
- Co-author and assistant statistician on project exploring male-male couples and single-male intended parents and the use of gestational carriers in the United States

2022 – 2023

Reproductive Endocrinology and Infertility (REI) Clinics and Fellowship Training – A National Snapshot to Improve Access to Care in a Rapidly Changing Field

PI: Heather Hipp, MD

- Assessed the geographic distribution of REI fellowships and clinics across the United States in relation to state population size, demographics, and fertility insurance coverage
- Primary statistician and co-author on manuscript published in *Journal of Assisted Reproduction and Genetics*

2021 – 2022

Donor Sperm Recipients: Fertility Treatments, Trends, and Pregnancy Outcomes

PI: Heather Hipp, MD

- Analyzed fertility treatment use, pregnancy rates, live birth rates, and perinatal outcomes among patients using donor sperm for intrauterine insemination, in vitro fertilization, and reciprocal IVF at a single institution
- Co-authored manuscript published in *Journal of Assisted Reproduction and Genetics*

2021 –

Sickle Cell and Reproductive Function (SCARF)

PI: Penelope Howards, PhD

- Significant contributor on an NIH-funded study investigating the reproductive health of women with sickle cell disease
- Abstracted medical records for sickle cell treatment and obstetric histories for 150 women with sickle cell disease recruited from Atlanta's largest public hospital
- Analyzed anti-Mullerian hormone levels among women with sickle cell disease, stratified by treatment, and compared them to healthy women without sickle cell disease
- Presented poster on ovarian reserve at the Annual Meeting of the Pacific Coast Reproductive Specialists in March 2024
- First author on manuscript submitted for publication to *British Journal of Haematology*

2020 – 2021

Does race/ethnicity impact oocyte cryopreservation outcomes?

PI: Heather Hipp, MD; Jennifer Kawwass, MD

- Used SART data to explore national trends and outcomes in autologous oocyte cryopreservation in the U.S. with a focus on race/ethnicity.

- Cleaned data and did statistical analysis for over 29,000 oocyte cryopreservation cycles
- Co-author on manuscript published in *Fertility and Sterility*

2019 – 2020

Oncologic Oocyte Cryopreservation for Fertility Preservation

PI: Heather Hipp, MD; Jennifer Kawwass, MD

- Used SART data to describe oocyte cryopreservation cycles in the U.S. between 2012–2016 comparing cycle characteristics between women with and without cancer
- Cleaned data and did statistical analysis comparing cycles done for cancer-related fertility preservation to oocyte cryopreservation done electively, for another medical indication, or for a fertility-related indication
- Co-author on manuscript published in *Journal of Assisted Reproduction and Genetics*

2018 – 2019

Oocyte Cryopreservation in Adolescent Women

PI: Heather Hipp, MD; Jennifer Kawwass, MD

- Used SART data to describe oocyte cryopreservation cycles in the U.S. between 2012–2016 that were performed in adolescent women younger than 20 years and compared these cycles to those of older women with respect to oocyte yield, gonadotropin dosing, stimulation protocols, and complications
- Cleaned data and did statistical analysis
- Co-author on manuscript published in the *Journal of Pediatric & Adolescent Gynecology*

2018

Embryo Mosaicism

PI: Jennifer Kawwass, MD

- Cleaned and analyzed survey data from over 250 assisted reproductive technology clinics in the U.S. regarding mosaic embryo transfer practices
- Co-authored abstract presented as a poster presentation at the 2018 Annual Conference for the American Society for Reproductive Medicine
- Co-authored manuscript published in the *American Journal of Obstetrics and Gynecology*

2018 – 2019

Fertility Preservation in Reproductive Aged Women with Colorectal Cancer

PI: Laurie J. McKenzie, MD

- Performed a systematic review of the existing literature regarding the impact of treatment on fertility and fertility preservation options for young women diagnosed with colorectal cancer
- First author on manuscript published in *Diseases of the Colon and Rectum*

2018 – 2020

FertilityIQ

PI: Jennifer Kawwass, MD

- Worked in collaboration with the founders of the FertilityIQ website to clean and analyze data from over 12,000 questionnaires regarding patient satisfaction with fertility treatment
- Presented findings as an oral presentation at the 2018 Annual Conference for the American Society for Reproductive Medicine
- First author on manuscript about factors associated with report of a positive experience at U.S. fertility clinics published in *Fertility and Sterility*

2017 – 2023

Survivors and Fertility: SAFE Registry

PI: Jennifer Kawwass, MD; Heather S. Hipp, MD

- Developed REDCap database with over 3,000 data variables for oncofertility patients and patients undergoing fertility preservation seen in the Emory University Healthcare system and at the Emory Winship Cancer Institute
- Abstracted medical records for cancer treatment and fertility treatment of patients with a history of cancer who have presented to the Emory Reproductive Center
- Mentored 2 Emory OBGYN residents through resident research projects involving SAFE registry

- 2014 – **The FUCHSIA (Furthering Understanding of Cancer, Health, and Survivorship in Adult) Women’s Study**
PI: Penelope Howards, PhD; Co-Mentor: Jessica Spencer, MD, MSc
- Collected and abstracted information from medical records of 1,282 cancer survivors
 - Developed reference key of chemotherapy drugs and regimens for coding purposes
 - Validated data from transvaginal ultrasounds performed at partnering clinics in Georgia
 - Cleaned and coded data regarding treatment exposures for cancer survivors using combination of patient report, data from the Georgia Cancer Registry, and data from medical records
 - Presented findings from various projects at the Annual Conference for the American Society for Reproductive Medicine (2016), the Annual Conference for the Association for Clinical and Translational Science (2016, 2017), and the Annual Clinical and Scientific Meeting for the American Congress of Obstetricians and Gynecologists (2018)
 - First authored 4 manuscripts (2 published in *Fertility and Sterility*, 2 published in *Journal of Women’s Health*) and co-authored several others using data from the FUCHSIA study
- 2017 – 2021 **Emory GYN/OB Class of 2021 Quality Improvement Project**
PI: Carolynn Dude. MD, PhD
- Designed and implemented standardized set of discharge instructions and counseling for patients diagnosed with gestational diabetes at Grady Memorial Hospital to try to increase the rates of follow-up and completion of postpartum 2-hour glucose tolerance test (GTT)
 - Cleaned data, did statistical analysis, and put together abstract for residency class quality improvement project comparing rates of postpartum follow up for 2-hr GTT during the year prior to and the year after implementation of standardized counseling.
 - Poster presented at Grady Memorial Hospital Annual Resident Research Day May 20, 2021, Atlanta GA
- 2017 – 2018 **Knowledge, Attitudes and Practices of Malaysian Antenatal Healthcare Workers Regarding Influenza During Pregnancy**
University of Malaya Faculty of Medicine, Department of Obstetrics and Gynecology, Kuala Lumpur, Malaysia
Co-Investigator: Chelsea Messinger, MD/PhD Candidate, Harvard Medical School, Boston, MA
- Analyzed data collected by co-investigator as part of a Fulbright funded project
 - Cleaned data from over 250 surveys of healthcare workers in Malaysia regarding influenza vaccination practices and beliefs
- 2016 – 2017 **The Cambodian Children’s Fund (CCF): A Community Health Needs Assessment**
Emory University, Global Health Institute
Cambodian Children’s Fund, Phnom Penh, Cambodia
PI: Dawn Comeau, PhD, MPH; Jennifer Goedken, MD
- Authored research proposal to evaluate the CCF medical clinic with methods for medical record abstraction, key informant interviews, community surveys, in-depth interviews
 - Created instruments for data collection
 - Developed REDCap database to collect medical record and survey data
 - Spent 2 months in Cambodia implementing project and performing needs assessment, including:
 - Refined data collection instruments with Khmer interpreters taking into account cultural nuances and perceptions of health in Cambodia
 - Performed key informant interviews with CCF employees and other stakeholders outside of CCF in the health industry in Phnom Penh
 - Interviewed patients from the CCF Community Clinic regarding their experience at the clinic and health seeking behaviors
 - Provided recommendations for the design of CCF’s new medical record system
 - Abstracted 1,763 medical records from the CCF Community Clinic medical record

database to characterize the conditions seen and treatments provided by the CCF
Community Clinic

- Prepared final report of findings for stakeholders (non-published work)

2016 – 2017

Honor Council Project

Mentors: Ira Schwartz, MD; Sally Santen, MD (Michigan); Paula Ross, PhD (Michigan)

- Collected and analyzed data from honor council violations reported at Emory University School of Medicine from 2012 – present
- Participated in monthly phone conferences with faculty and student representatives from other participating schools
- Co-authored student section of manuscript in collaboration with students from Michigan and Vanderbilt

2014 – 2016

Neonatal Hemochromatosis Project

Children's Hospital of Atlanta, Department of Neonatology; Atlanta, GA

Mentor: Shilpa Vyas-Read, MD, MSc

- Formulated research question regarding the ability of MRI to predict outcomes in infants with neonatal hemochromatosis (NH)
- Worked with CHOA IT department to compile list of the potential subjects to be included
- Abstracted 2,549 medical records to find confirmed NH cases

2010 – 2012

Pre-Clinical Research for GLYX-13 – A Novel Antidepressant

Falk Center for Molecular Therapeutics, Northwestern University; Evanston, IL

Mentor: Joseph Moskal, PhD, Director of Falk Center for Molecular Therapeutics

- Analyzed behavioral patterns of rodents during a formalin test for pain
- Performed procedures including sectioning of rat brain tissue, mounting and fixing slides
- Assisted with brain harvesting from rodent test subjects
- Performed data entry and preparation of data for journal submission
- Assisted with DNA, RNA, and protein extractions and other lab procedures as needed
- Named Falk Center Scholar for 2011

AWARDS AND HONORS

Mar 2024

Pacific Coast Reproductive Specialists Merit Scholarship

Nov 2023

Emory Gynecology and Obstetrics Leadership and Engagement Award

Mar 2023

Pacific Coast Reproductive Specialists Training Scholarship

Aug 2022

National Institute of Health Loan Repayment Program – award recipient

June 2021

Outstanding Resident Research Project – First Place

June 2021

Highest CREOG Score – 4th year resident class

June 2020

Highest CREOG Score – 3rd year resident class

June 2019

Outstanding Resident Research Proposal 2018–2019 – First Place

June 2018

Silver Apple Teaching Award

May 2016

Marianne Ruby Award Winner, Emory University Department of Gynecology and Obstetrics
Atlanta, GA

- Given to an Emory medical student committed to a career in OB/GYN who is conducting research in

an area that will advance knowledge and understanding of issues impacting women

- Apr 2016 **Alpha Omega Alpha Carolyn L. Kuckein Student Research Fellowship Award Winner**
- Oct 2014 **Georgia ACP Annual Conference**
2nd place in student case presentation competition
Shandley L, Kang H, Wang A. *Sub-Acute Presentation of Transverse Myelitis*. American College of Physicians Georgia Chapter Meeting, October 24, 2014; Pine Mountain, GA.
- 2011 – 2012 **Falk Center Scholar**, Falk Center for Molecular Therapeutics, Northwestern University, Evanston, IL
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ACADEMIC ACTIVITIES

- 2022 – 2024 **Emory Reproductive Center Quality Improvement Initiative**
Drafted 9 new Emory Reproductive Center policies to align with recommendations from the American Society for Reproductive Medicine to have clinic-specific policies for various issues
- 2015 – 2017 **BPG Editing**
Reference: Benchun Miao, PhD, Harvard University
– Edited manuscripts written by scientists and physicians from China for English language, grammar, and content prior to submission for publication
- 2010 – 2012 **Kaplan, Inc. – Pre-Health Course (MCAT) Teacher**
– Led group classes and taught private lessons involving all topics covered on the MCAT
– Served as a facilitator for practice MCAT for practice MCAT's offered through Kaplan, Inc.
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LEADERSHIP, VOLUNTEERING, AND ACTIVITIES

- 2022 – 2024 **Emory American Medical Women's Association**
- 2021 – **Georgia Fertility Preservation Coalition**
– Co-founder
– Organized task force of multidisciplinary healthcare providers and community advocates to advocate for insurance coverage for fertility preservation in the state of Georgia
– Advocacy work led to the passage of 2025 Georgia House Bill 94 to mandate insurance coverage for fertility preservation for those with cancer, sickle cell disease, and lupus
- 2016 – 2017 **Society Peer Mentorship Program**
– Volunteered to serve as a mentor for other Emory medical students
- 2016 – 2017 **Emory Global Health Institute (GHI)**
– Served on a Multidisciplinary Field Scholars Project in Cambodia for summer 2016
– Wrote and submitted research proposal to obtain GHI funding for project
– Acted as project lead for medical record abstraction and CCF pharmacy evaluation
- 2012 – 2017 **Emory Class of 2016 Honor Council**
– Elected by classmates to serve as one of three honor council representatives for the class
– Responsible for investigating accusations of honor code violations and attending hearings when cases go to trial
– Assisted with amending the School of Medicine Honor Code and Hearing Procedures in 2014
- 2012 – 2013 **Emory Health Against Human Trafficking (EHAHT)**

Advisor: Nancy Fajman, MD

- EHAHT is an organization dedicated to providing medical care to children in Chiang Rai province of Thailand who are at risk of human trafficking
 - Served as Fundraising Chair
 - Raised over \$5,000 to fund a trip to Northern Thailand accompanied by two Emory physicians to provide care at Volunteer for Children's Development Fund (VCDF)
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LICENSURE AND CERTIFICATION

2024 –	Illinois Medical License (License No. 036.170335)
2021 – 2024	Georgia Medical License (License No. 88457)
2018 –	PADI Advanced Open Water SCUBA Certification
2017 – 2021	Georgia Temporary Residency Training Permit (License No. 9381)
2017 –	Advanced Cardiac Life Support
2014 –	IRB (CITI) Certification <ul style="list-style-type: none">– Basic Course Human Subjects Protection – Biomedical Focus– CITI Good Clinical Practice Course– Biomedical Responsible Conduct of Research
2006 –	Basic Life Support
2005 –	PADI Open Water SCUBA Certification