

Edward Miller, MD FACOG

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Education

Fellowship <i>University of California San Francisco, San Francisco, CA</i> Maternal Fetal Medicine	07/17-06/20
Residency <i>Howard University Hospital, Washington, DC</i> Obstetrics and Gynecology	06/13—06/17
Doctor of Medicine (M.D.) <i>Wake Forest University, Winston-Salem, NC</i>	08/08—05/13
Post Baccalaureate Certificate <i>Wake Forest University, Winston-Salem, NC</i>	07/07—07/08
Bachelor of Arts (B.A.) <i>New York University, New York, NY</i> Major: Anthropology	08/04—05/07

Professional Work History

Maternal Fetal Medicine Division Director <i>University of Louisville, Louisville, KY</i> Responsible for leading, recruiting, and supervising the physicians within the Maternal Fetal Medicine division as well as the non-physician staff. Responsible for budgeting and strategic planning within the division with an emphasis on ensuring excellence in clinical care and patient safety. Development and maintenance of a robust research portfolio within the division and department. Strengthen, develop, and maintain strong relationships with local referring providers and the surrounding community. Work collaboratively with other departments including radiology, anesthesiology, general Ob/GYN and more to provide not only excellent patient care, but continuing education for faculty and learners. Provide the opportunity and accessibility of exceptional teaching opportunities from learners at all levels. Participate in departmental leadership reporting directly to the Chair of Obstetrics and Gynecology.	11/1/2020-Current
Maternal Fetal Medicine Assistant Professor <i>University of Louisville, Louisville, KY</i> Assistant Professor in the department of Obstetrics and Gynecology in the division of Maternal Fetal Medicine at the University of Louisville. Duties include providing high risk care and consultation for patients in inpatient and outpatient settings as well as performing high risk ultrasound and invasive fetal procedures in the realm of prenatal diagnosis. A large part of duties include teaching learners of various levels including medical students, residents, and fellows.	07/17/2020-Current

Chairmen UofL Health Black and African American Employee Resource Group

Inaugural chairmen of the Black and African American employee resource group. The group provides our black and African American employees a space and opportunity to connect and support each other, as well as develop programs geared toward recruitment, career development, professional and community engagement. Professional growth, and retention. The group plays a key role in UofL Health's diversity, equity, and inclusion strategy.

Director UofL Health, UofL SOM Central High School Premedical Pipeline program 07/17/2022- Current
Louisville, KY

Founder and director of the only academic hospital integrated pipeline program in the region. Launched in 2022 this program offers education opportunities, mentorship, college credit, and hundreds of thousands of dollars in scholarships. As director I manage the multiple partnerships including organizations such as Jefferson County Public Schools (JCPS), Falls City Medical Society, and UofL School of Medicine.

Chief Diversity Officer UofL Health System 07/17/2020-2023
University of Louisville Health System, Louisville, KY

Oversee the creation and fostering of initiatives, programming, and vision that lead to the creation and maintenance of a supportive, inclusive, and safe environment for all members of the UofL health system regardless of race, gender, ethnicity, or sexual orientation. Work with other diversity leaders within the UofL enterprise such as the school of medicine to create long-lasting and far-reaching pipelines to increase the recruitment and retention of underrepresented groups in medicine. Serve as chair of the UofL Health diversity, equity, and inclusivity council formed in the wake of the death of Breonna Taylor which serves as a liaison between diversity-related outreach with UL health and the greater Louisville community. Lead UofL Health's efforts to vaccinate the most vulnerable members of their community administering over 10,000 first doses of vaccines to our community members most at need. Established a formal partnership with the historic Central High School pre-medical magnet program that will allow this diverse high school in West Louisville access not only to cutting-edge technology but physician and nursing mentors. Helped form the Diversity Academy, the first diversity, equity, and inclusion curriculum that will be mandatory for all leadership at UofL health and eventually all employees.

Board Member Louisville Board of Health 07/17/2021-Current
Louisville, KY

Nominated and confirmed by Mayor Gregor Fischer to serve as one of 9 voting board members on the city of Louisville board of public health. As a board member we work to provide education, resources, and guidance to initiatives in Louisville and beyond to improve the health of the city of Louisville community members. My work with the Louisville board of health is extremely broad including increasing COVID vaccination outreach efforts, improving access to childcare, and building initiatives to decrease gun violence.

University of Louisville Director of Residency Research 07/17/2020-07/01/22
University of Louisville Health System, Louisville, KY

Responsible for overseeing the mandatory resident research projects as well as other departmental research that involves the 24 residents in the program. This development includes thesis formation, navigation of IRB, and the creation of abstracts, and manuscripts. Equally important in this position is mentorship and connecting residents with experts in their field of interest.

Maternal Fetal Medicine Fellow 07/01/2017-06/30/2020
University of California San Francisco (UCSF), San Francisco, CA

Post-residency training in high risk pregnancies secondary to maternal and fetal complications. Trained in all matters of high risk pregnancies as well as obstetric ultrasounds. Duties include supervising and educating 36 resident physicians in both surgical and clinical duties as well as performing advanced skills such as amniocentesis and CVS.

Ob Hospitalist Diplomat 06/01/2020-Current

OB Hospitalist Group, Multiple sites throughout California

Attending obstetrician gynecologist Diplomat hospitalist for OB Hospitalist group, the largest OB hospitalist group in the country. As a diplomat I provide coverage for multiple hospitals throughout the state of California. Duties include rounding and providing full scope coverage for labor and delivery, antepartum, and postpartum patients, as well as providing emergency department consultation including surgical procedures.

Hospitalist 07/01/2017-04/30/2020

OB Hospitalist Group, Berkley California

Attending obstetrician gynecologist hospitalist at a high volume hospital system for OB Hospitalist group, the largest OB hospitalist group in the country. Duties include rounding and providing full scope coverage for labor and delivery, antepartum, and postpartum patients, as well as providing emergency department consultation.

Obstetrics and Gynecology Resident 06/24/13—06/30/2017

Howard University Hospital, Washington, DC

Resident physician at a 241-bed teaching hospital in an urban community with a high-risk population. Duties include learning and becoming proficient in the numerous medical and surgical techniques in the field as well as supervise and teach junior residents and medical students.

House Staff President 07/01/14—06/30/15

Howard University Hospital, Washington, DC

Elected to serve a one year term as the president of the house staff which includes over 250 members. As president served as the chief house officer of Howard University Hospital and was a voting member of the Graduate Medical Education Committee as well as the Resident Affairs sub-committee. Served as a liaison between administration and the house staff working tirelessly to address concerns from residents and attending staff.

Senior Tutor 11/01/2013-06/30/17

Educational Connections, Fairfax VA

Tutor for Educational Connections, a private company dedicated to helping students with learning and other educational disabilities succeed in their scholastic and life endeavors. My job included working with students with learning disabilities ranging from dyslexia or dyscalculia to suffering anoxic brain injury succeed in their academic endeavors. I focused on the sciences, math, as well as standardized test prep and during my time there have helped over a dozen students gain admission to college.

Volunteer Work

Comprehensive Medical Mentoring Program 11/01/2015—Current

Georgetown University, Washington, DC

To help minority students, who may come from a disadvantaged or underprivileged background, with experiences that help foster successful matriculation into medical school and ultimately add more diversity within the medical field. The program will also teach current medical students and residents more about medicine and ways to handle potential pitfalls that are common.

Young Doctors DC 11/01/2015-06/30/17

Howard University, Washington, DC

A pipeline to health careers program for high school boys in Southeast Washington, DC. Through intensive summer programs and Saturday academies at Howard University, YDDC participants are trained in preventive medicine, mental health, and health issues in underserved communities. After one year of training in the summer program and Saturday academies, the "young doctors" begin the service learning component of the program, which includes conducting free health clinics in their community under the supervision of YDDC staff doctors.

Licensure and Certifications

2018	Diplomate American Board of Obstetrics and Gynecology
2022	Maternal Fetal Medicine Subspecialty certification American Board of Obstetrics and Gynecology
Current	Kentucky Medical License: 54349
Current	California Medical License # A148873
Current	Michigan Medical License # 4301506808
Current	Indiana Medical License # 01085036A
Current	Basic Life Support (BLS)
Current:	Advanced Cardiac Life Support (ACLS)

Professional Memberships

American Board of Obstetrics and Gynecology
Society for Maternal Fetal Medicine
American College of Obstetrics and Gynecology
American Institute of Ultrasound in Medicine (AIUM)
International Society of Ultrasound in Obstetrics and Gynecology

Honors

January 2024	Dr. Pat Miller Junior Fellow Initiative Toolkit winner: Patient Centered Category
Feb 2023	Louisville Business First Magazine Health Equity Champion
August 2022:	University of Louisville School of Medicine Faculty Excellence Diversity, Equity, and Inclusion Champion Award Nominee
August 2022:	University of Louisville School of Medicine Faculty Excellence Leonard Tow Humanism in Medicine award nominee
August 2022:	University of Louisville School of Medicine Faculty Excellence outstanding educator award nominee

June, 2022	University of Louisville Obstetrics and Gynecology Residency Program APGO Faculty Member of the Year Award 2022
February, 2021	Medistar Association Kentucky Physician of the Year.
June 2021	University of Louisville: Obstetrics and Gynecology Residency Program APGO Faculty Member of the Year Award
June 2021:	University of Louisville: Obstetrics and Gynecology Residency Program Clinical Rotation of the Year Award 2021
May 2020:	University of California San Francisco: Obstetrics and Gynecology Residency Teaching Award 2020.
May 2020:	University of California San Francisco: Excellence and Innovation in Graduate Medical Education Award 2020
February 2017:	First Place resident research award: National Medical Association
May 2015:	Medical Staff of Howard University Hospital, Resident Leadership Award 2015
May 2015:	Howard University College of Medicine Outstanding Resident of the Year Award 2015
February 2015:	National Medical Association Annual Conference, 1 st Place outstanding resident research/Case Report. 2015.

Research in Progress

- 1. The PATH HOME Study: Helping Rural Communities in the Care of Pregnant Women with Opioid Use Disorder.**
Site Principal investigator.
- 2. OB-GYN Auscultatory Mapping and Chaotic Reconstruction of Fluid Dynamics**

Miller, E, Huecker, B, Shreffler, J, Huecker, M.
Site Principal Investigator

3. Food Insecurity: Food as Medicine in Type 2 Diabetes, GDM.

Miller, E
Site Principal Investigator

Publications and Presentations

1. Combined Cesarean Section and Splenectomy in a patient with Massive Splenomegaly.
Stone, S, Hawthorne, J, Byrket, K, Tonismae, T, Bond, L, Pera, S, Sharma, V, Al-Kawaz, M, Lopez, D, Miller, E
Publication: North American Proceedings in Gynecology and Obstetrics.
2. **Outcomes of integrating Community-Based Doulas into Healthcare System.**
Schubert, M, Logsdon, M, Sears, C, Miller, E, Alobaydullah, A, Lain, K.
Publication: The American Journal of Maternal/Child Nursing. 2024
3. Combined Cesarean Section and Splenectomy in a patient with massive Splenomegaly.
Stone, S, Hawthorne, J, Miller E.
Poster Presentation: The 16th Philadelphia Prenatal Conference. Philadelphia, PA, June 2024
4. **Combating Food Insecurity in Clinical Settings**
Neal, A, Hawthorne, J, Sells, L, Miller, E
Oral presentation, American College of Obstetrics and Gynecology Annual Meeting. San Francisco, CA, May 2024.
5. **The Role of Education in Decreasing No Call Rates of Routine Anatomy Scans**
Isaac, J, Miller, E
Poster Presentation: Ultra Con (AIUM), Austin, Texas, April 2024
6. **Empowering Change: Health Leaders Advancing Black Maternal Health**
Miller, E
Oral Presentation. Black Maternal and Infant Health Symposium. Louisville, KY, April 2024
7. **Trisomy 22 80% Mosaicism: A case Report and Review of the Literature.**
Root, E, Nunnally, K, Batty, C, Brown, V, Duncan, S, Miller, E,
Tonismae, T

Poster Presentation: Annual Clinical Genetics Meeting. Toronto, Canada, March 2024

8. A Black Woman's Journey Through Childbirth

Miller, E, Clare, C.

Oral Presentation. Student National Medical Association Annual Medical Education Conference. March, 2024, New Orleans, LA

9. The Power of Community Engagement

Miller, E, Compton, D

Oral Presentation: University of Louisville Health Science Center Educator Grand Rounds. Louisville, KY, March 2024

10. History of Medical Education.

Miller, E, Chenault, J, Compton, D, Jones, V

Oral presentation: University of Louisville School of medicine lecture. January 2024

11. Combatting Food Insecurity Through Implementing Food Pantry Amenities in Clinical Settings.

Neal, A, Hawthorne, J, Miller, E.

Oral Presentation. American College of Obstetrics and Gynecology District I and V Annual Meeting. Newport, Rhode Island. October 2023.

12. From Awareness to action: Recruiting and Retaining African Americans in Medicine.

Miller, E.

Grand Rounds Presentation. Department of Obstetrics and Gynecology May, 2023. Indiana University, Indianapolis, IN.

13. Combatting Food Insecurity Through Implementing Food Pantry Amenities in Clinical Settings.

Neal, A, Hawthorne J, Miller, E

Poster presentation. American College of Obstetrics and Gynecology Annual Conference. Baltimore, Maryland. May 2023.

14. Residential Proximity to Hydraulic Fracturing Well Increases the Risk for Low Birth Weight.

Root, E, Harris, D, Haneberg, W, Miller, E, Thomas, C

Poster Presentation: Society of Maternal Fetal Medicine Annual Conference. February 2023.

15. Community Stakeholder Engagement to Mitigate Healthcare Disparities.

Miller, E, Lister, R, Wheeler, S.

Oral Presentation: Society of Maternal Fetal Medicine Annual Conference. February 2023.

16. Mapping Gestational Diabetes in the Louisville Metro Area.

Root. E, Aldrich, V, Lazenby. M, Hawthorne. J, Miller, E.
Poster presentation. Society of Maternal Fetal Medicine Annual Conference.
February 2023.

17. Asked but not received: Postpartum contraceptive characteristics in Women with Opioid Use Disorder (OUD).

Root. E, Frazier. L, Farabee, E, Jatzak, J, Kline, J, Miller, E.
Society of Maternal Fetal Medicine Annual Conference. San Francisco, CA,
February, 2023.

18. History of Medical Education.

Miller, E, Chenault, J, Compton, D, Jones, V
Oral presentation: University of Louisville School of medicine lecture.
January, 2023

19.

20. Diabetes in Pregnancy: Health Mom and Healthy baby.

Miller, E.
Oral Presentation. Kentucky Diabetes Symposium. Louisville, KY. November
2022.

21. From Awareness to action: Recruiting and Retaining African Americans in Medicine.

Miller, E.
Department of Obstetrics and Gynecology Grand Rounds Presentation. June,
2022. University of Texas at Houston, Houston, TX

22. Strength through Grass Roots: Utilizing Community Partnerships to Strengthen your reach.

Miller, E.
Grands Rounds presentation Henry Ford Health Department of Ob Gyn.
Detroit, Michigan, June 2022.

23. Considerations for the Use of Race in Research in Obstetrics and Gynecology

Brown, O, Mou, T, Tate, M, Miller, E, Debbink, M.
Publication: Journal of Clinical Obstetrics and Gynecology. June 2022.

24. From Awareness to action: Recruiting and Retaining African Americans in Medicine.

G. Pettigrew, E. Miller.
Grand Rounds Presentation. Department of Obstetrics and Gynecology.
Stanford University, Palo Alto, CA, May, 2022

25. The Obstetric Response to the Opioid Epidemic.

M. Tuller, L. Frazier, E. Miller.

Poster Presentation American College of Obstetrics and Gynecology Annual Meeting. San Diego, California. May 2022

26. The Impact of X-Waiver Training Within Ob/Gyn Residency Programs on Improving Access to MAT in Pregnancy.

L. Frazier, R. Fields, M. Tuller, J. Branch, E. Miller.

Poster Presentation: American College of Obstetrics and Gynecology Annual Meeting. San Diego, CA, May 2022

27. Fetal Surgery Then and Now.

Miller, E.

Grand Rounds Presentation. Department of Obstetrics and Gynecology March, 2022. University of Louisville, Louisville, KY.

28. Updates on COVID-19 in Pregnancy.

Miller, E.

Oral Presentation: American College of Osteopathic Obstetricians and Gynecologists. Annual conference. Chicago, IL, October 2021

29. Medically indicated late preterm and early full-term deliveries. Oral Presentation.

Miller, E.

Oral Presentation: American College of Osteopathic Obstetricians and Gynecologists. Annual conference, October 2021, Chicago, IL

30. The Use of Sequential Integrated Screening to Stratify Risk in Monochorionic-Diamniotic Twin Pregnancies.

Miller, E, Blat, C, Gosnell, K, Gonzalez, J, Ghaffari, N.

Publication: American Journal of Perinatology. April 2021

31. Protecting them from us: The Roots of Racism in Obstetrics and Gynecology. Department of Obstetrics and Gynecology.

Miller, E.

Grand Rounds presentation. University of Utah. April 2021, Salt Lake City, UT.

32. History of Medical Education.

Miller, E, Chenault, J, Compton, D, Jones, V

Oral presentation: University of Louisville School of medicine lecture. February 2021

33. Exome Sequencing for Prenatal Diagnosis in Nonimmune Hydrops Fetalis.

Sparks TN, Lianoglou BR, Adami RR, Pluym ID, Holliman K, Duffy J, Downum SL, Patel S, Faubel A, Boe NM, Field NT, Murphy A, Laurent LC, Jolley J, Uy C, Slavotinek AM, Devine P, Hodoglugil U, Van Ziffle J, Sanders

SJ, MacKenzie TC, Norton ME; University of California Fetal–Maternal Consortium; University of California, San Francisco Center for Maternal–Fetal Precision Medicine.

Publication: The New England Journal of Medicine. October 2020.

34. Time to Talk: Race in America Today. Town Hall Virtual Presentation.

Miller, E.

June 2020, San Francisco, CA

35. Covid-19 and Pregnancy: What Obstetricians Need to Know.

Miller, E, Tinajero, Y.

Grand Rounds Presentation, Department of Obstetrics and Gynecology. University of California San Francisco (UCSF). April 2020, San Francisco, CA

36. Recruiting and retaining the African American male.

Miller, E, Pettigrew, G.

Grand Rounds presentation. Department of Pediatrics, University of California San Francisco (UCSF) February, 2020, San Francisco, CA.

37. From Awareness to Action: Our Experience Addressing the Gap Between Diversity and Inclusion.

Miller, E, Tesfalul, M, Palacios, L, Pettigrew, G.

Grand Rounds Presentation. Department of Obstetrics and Gynecology, Johns Hopkins University. September 2019, Baltimore, MD.

38. Recruiting and retaining the African American male

Miller, E, Pettigrew, G

Grand Rounds Presentation, Department of Obstetrics and Gynecology University of California San Francisco (UCSF) September, 2019, San Francisco, CA.

39. Indications for Late Preterm Birth and the use of Late Preterm Antenatal Steroids.

Miller, E.

Oral presentation: National Medical Association National Conference, Honolulu, Hawaii, 2019.

40. Recruiting and retaining the African American male

Miller, E, Tesfalul, M, Autry, A, Pettigrew, G.

Oral Presentation: Association of Professors of Gynecology and Obstetrics (APGO) and the Council of Resident Education in Obstetrics and Gynecology (CREOG) 2019, annual conference, New Orleans, LA.

41. Supporting Underrepresented in Medicine Trainees.

Miller, E, Goodwin, D, Mengesha, B, Hill, L, Whetstone, S, Autry, M.

Oral Presentation: Association of Professors of Gynecology and Obstetrics (APGO) and the Council of Resident Education in Obstetrics and Gynecology (CREOG) 2019, annual conference, New Orleans, LA.

42. Stratifying Sequential Integrated Screening in Monochorionic-Diamniotic Twin Pregnancies.

Miller, E, Blat, C, Gonzalez, J, Ghaffari, N.

Poster Presentation: Society of Maternal Fetal Medicine (SMFM) annual meeting. January, 2019, Las Vegas, NV

43. Differences in Academic Rank and NIH Funding among Academic Maternal-Fetal Medicine Physicians in the United States.

Sperling, JD, Shulman, R, Blat, C, Miller, E, Kokorko, J, Zlatnik, M, Gonzalez-Velez, J, Norton, ME, Gossett, DR.

Publication: American Journal of Perinatology, Nov 2018.

44. UC Fetal Consortium (UCfC) multidisciplinary team approach to invasive placenta: approaches across a five institution consortium.

Fratto, V, Miller, E, Pettit, K

Poster Presentation: Society of Maternal Fetal Medicine Annual Meeting. January, 2018.

45. Sequential Integrated Screening in Monochorionic Diamniotic Twin Pregnancies: Is Prediction Possible?

Miller, E, Gosnell, K, Ghaffari, N.

Poster presentation: International Fetal Medicine and Surgery Society (IFMSS). 2018, Bali, Indonesia

46. Early Predictors of Twin Twin Transfusion Syndrome.

Miller, E, Gosnell, K,

Poster Presentation. American Institute of Ultrasound in Medicine (AIUM). 2018, New York, NY.

47. A Widening Gap: The Obstetric Response to the Opioid Epidemic.

Miller, E, C, Lambert, V, Nunes, A, Wongk, V, McDonald.

Oral Presentation: National Medical Association Annual Meeting, July 2017, Philadelphia, PA

48. A Widening Gap: The Obstetric Response to the Opioid Epidemic.

Miller, E, C, Lambert, V, Nunes, A, Wongk, V, McDonald.

Poster presentation, Society of Maternal Fetal Medicine Annual Meeting 2018.

49. The Impact of the Affordable Care Act on US Maternal Mortality.

Hope, Shelley-Ann, Nunes, Vanessa, Lambert, Calvin, Miller, Edward.

Publication: Obstetrics and Gynecology, Volume 129, May 2017.

- 50. The Effectiveness and the Effect of the Obstetrics and Gynecology Medical School Clerkship on Future Career Choice by Gender**
Miller, E, Smith, K.
Publication: Journal of Minimally Invasive Gynecology. Nov-Dec, 2015.
- 51. Impact of the fourth generation HIV test on the management of active labor**
Bada O, Miller E
Poster Presentation: National Medical Association Annual Conference. March, 2015, Detroit, MI
- 52. Effect of the obstetrics and gynecology medical school clerkship on career choice by gender.**
Smith K, Miller E.
Poster Presentation: National Medical Association Annual conference. March, 2015, Detroit Michigan
- 53. Implications of Fourth Generation HIV Screening in Labor.**
Bada O, Miller E.
Poster Presentation: ACOG District I, III, & IV Annual meeting. 2015, Boston, MA.
- 54. Vulvar Syringoma In Premenopausal and Perimenopausal Women: A Case Series and Review of Literature.**
Smith, K, Miller, E, Mervin A.
Poster Presentation. ACOG District I, III, & IV Annual meeting. Boston, MA, 2015.
- 55. Effect of the obstetrics and gynecology medical school clerkship on career choice by gender.**
Miller E , Smith, K.
American Association of Gynecologic Laparoscopists annual conference 2014.
Poster presentation.

Media

1. Covid in the Maternity ward. 60 Minutes, CBC News. February 6th, 2022.
(<https://www.cbsnews.com/news/covid-maternity-ward-60-minutes-2022-02-06/>)
2. Louisville Health Officials working to address health disparities beyond the pandemic. 89.3 WFPL radio. February 1st, 2022.
(<https://wfpl.org/louisville-health-officials-working-to-address-health-disparities-beyond-the-pandemic/>)
3. Omicron variant case seem to be at a plateau. Interview: Louisville.ky.gov. January 25, 2022.
(<https://louisvilleky.gov/news/omicron-variant-cases-seem-be-plateau>)

4. Health Experts discuss COVID in daycares and pregnant women as cases spread. WHAS ABC. January 25, 2022.
(<https://www.whas11.com/article/news/health/coronavirus/hospitalizations-rise-in-louisville-still-in-the-red-zone-vaccination-covid/417-26ddc7ed-f05f-438b-b903-e8e387073a80>)
5. Prenatal test helped mom prepare for baby with Down syndrome. Spectrum News. October 15, 2021.
(<https://spectrumnews1.com/ky/louisville/news/2021/10/15/louisville-mom-learns-about-baby-s-genetic-disorder-before-giving-birth>)
6. Louisville mom remembers finding out here daughter would have Down syndrome. WDRB television. October,14, 2021.
(https://www.wdrb.com/news/louisville-mom-remembers-finding-out-her-daughter-would-have-down-syndrome/article_bda3c204-2d26-11ec-81ea-db7cd7128cc7.html)
7. Amid new guidance, Louisville area doctors say expectant mothers should get vaccine. CBS: WLKY. August 12, 2021.
(<https://www.wlky.com/article/amid-new-cdc-guidance-louisville-area-doctors-say-expectant-mothers-should-get-covid-19-vaccine/37296004>)
8. **Doctors encouraging pregnant women to get COVID-19 vaccine. WDRB news. August 12, 2021.**
(https://www.wdrb.com/news/doctors-encouraging-pregnant-women-to-get-covid-19-vaccine/article_7251142e-fbac-11eb-b58d-f329904942e9.html)
9. Central High School, UofL Health to host one-day Covid-19 vaccine clinic Saturday. Courier journal newspaper interview. April 21, 2021.
(<https://www.courier-journal.com/story/news/local/2021/04/21/central-high-u-l-health-host-one-day-covid-vaccine-clinic/7308109002/>)
12. UofL Health and 50+ Churches host largest one-day vaccination event in West-Louisville. Louisville Courier Journal. March 27, 2021.
(<https://www.wlky.com/article/amid-new-cdc-guidance-louisville-area-doctors-say-expectant-mothers-should-get-covid-19-vaccine/37296004>)