

**Marielle S. Gross, MD, MBE**

1909 Waterfront Place, Apt 512 • Pittsburgh, PA 15222

grossms@upmc.edu • marielle.gross@pitt.edu • mariellesophiagross@gmail.com • mgross23@jhmi.edu

(813) 541-6103 • @GYNOBioethicist

**Faculty Appointment:**

- **University of Pittsburgh**, Pittsburgh, PA: Assistant Professor, July 2020-present
  - **School of Medicine**, Department of Obstetrics, Gynecology & Reproductive Sciences
  - **School of Arts & Sciences**, Center for Bioethics & Health Law
- **Johns Hopkins University**, Baltimore, MD: Affiliate Assistant Professor, July 2020-present
- **Bloomberg School of Public Health**, Berman Institute of Bioethics

**Clinical Practice:**

- **University of Pittsburgh Medical Center**, Department of Obstetrics, Gynecology & Reproductive Sciences
  - Altoona, PA: OB/GYN Hospitalist, Clinical Faculty, July 2020-present
- **Greater Baltimore Medical Center**, Department of Gynecology
  - Baltimore, MD: GYN Physician, Clinical Instructor, September 2018-June 2020
- **Sinai Hospital of Baltimore**, Department of Obstetrics & Gynecology
  - Baltimore, MD: OB/GYN Hospitalist, Clinical Instructor, September 2018-2020

**Education**

- **Johns Hopkins Berman Institute of Bioethics, Bloomberg School of Public Health**
  - Baltimore, MD: Hecht-Levi Postdoctoral Fellowship, September 2018-June 2020
- **Johns Hopkins University School of Medicine**
  - Baltimore, MD: Residency, Gynecology/Obstetrics, July 2014- June 2018
- **University of Florida College of Medicine**
  - Gainesville, FL: M.D. *with Honors in Research*, 2014
- **New York University Graduate School of Arts and Sciences**
  - New York, New York: M.A., *with distinction*, Bioethics, 2010
  - Thesis: *New York's Proposed Soda Tax: Using Moral Panic over Obesity to Solve a Budget Crisis*
- **Columbia University**
  - New York, New York, B.A., Philosophy, 2009
- **Jewish Theological Seminary**
  - New York, New York, B.A., *cum laude*, Jewish Ethics, 2009

**Research, Publications, and Presentations**

**Peer-Reviewed Manuscripts *published or in press***

**Gross MS** and B Scully. *A Change of Heart: The Ethical Case for Moving Beyond Maternal-Fetal Conflict Framing for Parents Grappling with HLHS*. Hastings Center Report. Forthcoming.

Norton A., T Wilson, GG Geller, and **MS Gross**. *Impact of COVID Hospital Visitor Restrictions on Racial Disparities in Obstetrics*. Health Equity. Forthcoming.

**Gross MS**, G Geller, and AD Lyrly. *Personal Use of Prenatal Ultrasound by Women's Health Professionals*. Clinical Ethics. Forthcoming.

**Gross, MS**, HV Nguyen, S Frey, and R Morales. *Beyond Harm Reduction: COVID-19 May Promote Collaboration Between Obstetricians and Home Birth Midwives*. Midwifery Matters. Forthcoming.

**Gross MS**, A Hood A, B Corbin, and. *Monetization of Menstrual App Data: An Ethical Analysis*. Journal of Feminist Bioethics. Forthcoming.

**Gross MS**, Ju H, Osborne LM, Jelin E, Sekar P, and Jelin AC. *Indeterminate Prenatal Ultrasounds and Maternal Anxiety: A Prospective Cohort Study*. Journal of Maternal Child Health. Forthcoming

LeNeveu M, Berger Z, **Gross MS**. *Lost in Translation: The Role of Interpreters on Labor & Delivery*. Health Equity. September 2020.

Gribble, K; K Marinelli, C Tomori, and **MS Gross**. *Implications of the COVID-19 Pandemic Emergency Response for Breastfeeding and Infant Mental Health*. Journal of Human Lactation. August 6, 2020.

Kelly-Hedrick M, **Gross MS**. *HIV, HBV and HCV-related information on U.S. fertility clinic websites: A content analysis*. Health Equity. August 2020.

**Gross MS**, Harrington B, C Sufrin, and RR Faden. *Rethinking "Elective" Procedures for Women's Reproduction during Covid-19*. Hastings Center Report. June 26, 2020.

Tomori C, Gribble K, Palmquist AEL, Ververs MT, and **MS Gross**. *When Separation is not the Answer: Breastfeeding Mothers and Infants affected by COVID-19*. Maternal Child Nutrition. May 26, 2020.

**Gross MS**, RC Miller and Pascalov, A. *Ethical, legal, social and technological implications of implementing wearable technology amid COVID-19*. Harvard Safra Center COVID-19 Rapid Response Impact Initiative. White Paper 18. May 18, 2020. <https://ethics.harvard.edu/files/center-for-ethics/files/18ethicalwearables.pdf>

Leppla IE and **MS Gross**. *Optimizing Medication Treatment of Opioid Use Disorder During COVID-19 (SARS-CoV-2)*. Journal of Addiction Medicine. May 14, 2020

**Gross MS**, AR Ruth, and SA Rasmussen. *Respecting Women, Promoting Health and Reducing Stigma: The Case for Universal Hepatitis C Screening in Pregnancy*. Journal of Medical Ethics. February 14, 2020.

Jaffe EF, KA Sullivan, IT Goldfarb, SZ Gilbert, **MS Gross**, JS Coleman, J Anderson, L Rahangdale, RR Faden, AD Lyrly. *U.S. women's views on delaying pregnancy for the purpose of participating in biomedical research*. American Journal of Obstetrics and Gynecology. November 2019.

Passerat-Palmbach J, T Farnan, RC Miller, **MS Gross**, HL Flannery and B Gleim. *A blockchain-orchestrated Federated Learning architecture for healthcare consortia*. Computers and Society. October 2019.

**Gross MS** and RC Miller. *"Paid to Produce Data:" Research Participation as the Labor of Generating Valuable Health Data*. American Journal of Bioethics. August 16, 2019. P50-52. <https://doi.org/10.1080/15265161.2019.1630500>

**Gross MS** and RC Miller. *Ethical Implementation of the Learning Healthcare System with Blockchain Technology*. Blockchain in Healthcare Today. Vol 2. June 12, 2019. <https://blockchainhealthcaretoday.com/index.php/journal/article/view/113>

Sullivan KA, Faden RR, Gilbert SZ, Mtande T, Zimba CC, Jaffe EF, **Gross MS**, Rahangdale L, Coleman JS, Rosenberg NE, Anderson J, Krubiner CB, Hoffman IF, and AD Lyerly. *Women's views about contraception requirements for biomedical research participation*. PLoS One. May 2019.

**Gross MS**, Taylor HA, Tomori C, and JS Coleman. *Breastfeeding with HIV: An Evidence-based Case for New Policy*. Journal of Law, Medicine and Ethics. March 2019.

**Gross MS**, Coleman JS, and J Anderson. *Assisted reproduction and HIV: Separate but not equal*. Ethics, Medicine and Public Health. October 2018. <https://doi.org/10.1016/j.jemep.2018.10.006>

Sullivan KA, Faden RR, Gilbert SZ, Mtande T, Zimba CC, Jaffe EF, **Gross MS**, Rahangdale L, Coleman JS, Rosenberg NE, Anderson J, Krubiner CB, Hoffman IF, and AD Lyerly. *Women's views about rules requiring paternal consent for participation in biomedical clinical trial research during pregnancy*. Journal of Empirical Research on Human Research Ethics. July 2018.

### **Manuscripts in review**

**Gross MS** and RC Miller. *Deidentification as Exploitation: Challenges to Research on Deidentified Data from Justice, Respect for Persons, and Beneficence*

Zhang, GQ, FM Wang, HV Nguyen, JL Bienstock, and **MS Gross**. *A Risk Calculator to Predict the Need for Maternal or Neonatal Hospital-Based Peripartum Care*.

Kelly-Hedrick M, G Geller, Jelin AC, and **Gross MS**. *Perceived value of prenatal ultrasound screening: A survey of pregnant women*.

De Jesus, VA, and **MS Gross**. *Hurricane Maria & COVID-19—Health Crises Highlighting the Embedding of Ethics Education in Clinical Training*

**Gross, MS**, RR Faden, M Strunc and JL Bienstock. *Call to Action: Making Home Birth Accessible and Safe during COVID-19 Pandemic*

**Gross MS** and JL Bienstock. *Ethics of Learning at the Frontlines of COVID-19*.

**Gross MS** and RC Miller. *The Immortal Life of Us: Health Data, Dignity and Labor*

**Gross MS** and RC Miller. *Reinventing Academic Medical Press as a Blockchain-Empowered Radical Market*.

**Gross MS** and RC Miller. *Blockchain and Privacy Preserving Technology for Ethical Health Data Use*.

### **Manuscripts in preparation**

Shah, S, **MS Gross**, and C Nebeker. *Ethics Engagement in Research: Delineating a spectrum of approaches and tradeoffs*.

**Gross, MS**. *Challenging Hospitalization as an Indicator of Disease Severity for COVID in Pregnancy*.

**Gross, MS**, Frey S, HV Nguyen, RR Faden, JL Bienstock. *U.S. Healthcare Provider Views and Practices Regarding Birth Setting: A Qualitative Interview Study*.

HV Nguyen, Frey S, RR Faden, JL Bienstock, **Gross, MS**. *Impact of COVID-19 on Birth Setting Decisions: Qualitative Analysis of Healthcare Provider Experience*.

**Gross MS**, RC Miller, C Morales and R Faden. *“Learning Health Systems and Platform Technology: Recipe for*

*Structural Injustice?”*

**Gross MS**, Mendoza-Cervantes D and MC Beach. *A Taxonomy of Disrespectful Language in Prenatal Records*.

Wilson T and **MS Gross**. *Systems-based Bias Affecting Maternal and Neonatal Morbidity and Mortality*

LeNeveu M, Rosenblum N, M Chisolm, **Gross MS**. *Breastfeeding and Marijuana Use: An Ethical Analysis*.

## **Book Chapters**

**Gross MS** and T Schonfeld. “Contraception, Pregnancy Testing, and Pregnant Partners.” *IRB Management and Function*. Public Responsibility in Medicine and Research (PRIM&R). Jones & Bartlett Learning Publisher. (Anticipated 2020).

**Gross, MS**, and L Milio. “Substance use disorder in pregnancy.” *The Johns Hopkins Manual of Gynecology and Obstetrics, 6<sup>th</sup> edition*. Johns Hopkins University Press: Baltimore, MD. 2020.

**Gross, MS**. “Smoking Cessation in Pregnancy and Beyond: A Quality Improvement Project.” In: Atanelov L and S Shlian. *Beginner's Handbook for Medical Quality and Safety*. Springer Science. Chapter 10. (2016)

## **Abstracts**

Mendoza-Cervantes D, MC Beach, **MS Gross**. *Lazy, Selfish, Sluts: Shaming the “Bad Mother” in Prenatal Records*. ASBH 2020.

Barone A, MC Beach, and **MS Gross**. *Is there a Right to be Forgotten in Healthcare?* ASBH 2020.

**MS Gross** and RC Miller. “Safe Harbor” for Deidentified Data as a Barrier to Ethical Learning Health Systems. ASBH 2020.

RC Miller and **MS Gross**. The Ethical and Policy Implications of Privacy Preserving Technologies

Laventhal, N, J Lantos, A Antommara and **MS Gross**. *Contemporary Ethical Controversy in Fetal Therapy: Innovation, Research, Access, and Justice*. ASBH 2020.

Kelly-Hedrick M, G Geller, and **Gross MS**. *Just a Quick Peek? Qualitative Study of Unofficial Prenatal Ultrasound Use Among Women’s Health Care Professionals*. ASBH 2020.

MC Beach and **MS Gross**. Linguistic Bias in Language Used by Physicians in Medical Records of African American and White Patients: A Case of Testimonial Injustice?

LeNeveu M, MC Beach and **MS Gross**. *Avoiding Marijuana vs. Avoiding Breastfeeding? Ethical Critique of Misinterpreted Policy*. ASBH 2020.

Kelly-Hedrick M, **Gross MS**. *Women’s views on the utility of prenatal screening ultrasounds: A qualitative survey*. World Congress of Bioethics. June 2020.

**Gross MS**, RC Miller, and B Corbin. *Medical and Ethical Analysis of Menstrual Apps*. Obstetrics & Gynecology. May 2020.

**Gross MS**. *U=U for Breastfeeding Too? Ethics and Evidence of Infant Feeding for Women Living with HIV*. Obstetrics & Gynecology. May 2020.

**Gross MS** and RC Miller. *Blockchain technology can promote patient participation in pragmatic clinical trials*.

Frontiers in Blockchain: Blockchain for Good. \*\*Abstract accepted, invited to submit complete manuscript

**Gross, MS**, Rosenblum N, Bossano C, and L Milio. *Breastfeeding and Marijuana Use: Medical and Ethical Analysis*. Obstetrics & Gynecology. May 2019.

Sullivan KA, Faden RR, Gilbert SZ, Mtande T, Zimba CC, Jaffe EF, **Gross MS**, Rahangdale L, Coleman JS, Rosenberg NE, Anderson J, Krubiner CB, Hoffman IF, and AD Lyerly. *Women's views about rules governing reproductive issues in the context of biomedical clinical trials*. Journal of Empirical Research on Human Research Ethics. December 2017.

**Gross M**, Tomori C, Anderson J, Coleman J. *Breastfeeding for U.S. Women Living With HIV: A Medical and Ethical Policy Analysis*. Obstetrics & Gynecology. May 2017.

**Gross, M**, Tomori C, Tuthill E, Sibinga EMS, Anderson J, and Coleman JS. *US Healthcare Providers Survey on Breastfeeding Among Women Living with HIV*. Reviews in Antiviral Therapy and Infectious Disease. February 2017.

**Gross M**, Tomori C, Coleman J. *Breastfeeding Policy for Us Women Living With HIV: An Ethical Analysis of the Evidence*. Reviews in Antiviral Therapy and Infectious Disease. February 2017.

**Gross MS**, Tran CH, Sutherland KH, Castagno JC, and Amdur RJ. *Pilot Study: Can an Educational Intervention Increase HPV Vaccination in Female College Students?* Obstetrics & Gynecology. May 2014.

Miller RC III, **Gross MS**, Richman J, Jhavar S, Madkhali A, Roman FL, Miller RC. *Content analysis of social media traffic related to the 2012 EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics*. European Journal of Cancer. October 2013.

**Gross MS**, Andres R, Soren K. *Human Papillomavirus (HPV) Vaccination and Pap Smear Results in Adolescent Girls – Have We Seen a Difference?* Journal of Pediatric and Adolescent Gynecology; 23(2): 70-71. April 2010.

## Oral Presentations

B Scully and **MS Gross**. *A Change of Heart: The Ethical Case for Moving Beyond Maternal-Fetal Conflict Framing for Parents Grappling with HLHS*. Johns Hopkins Berman Institute of Bioethics Research Retreat. November 20, 2020.

**Gross, MS**. *Deidentification as Exploitation: Ethical Challenges to Research on Deidentified Data*. Greater Baltimore Medical Center Gynecology Grand Rounds. February 7, 2020.

**Gross, MS**. *“Health Data as Labor” to Promote a Learning Healthcare System*. Johns Hopkins University Bioethics Symposium. December 4, 2019.

**Gross, MS**. *Deidentification as Exploitation: Ethical Critique of Research on Deidentified Data*. Johns Hopkins Berman Institute Research Retreat. November 22, 2019.

**Gross MS**. *U=U for Breastfeeding Too? Ethics and Evidence of Infant Feeding for Women Living with HIV*. Rutgers University Department of Obstetrics and Gynecology. Newark, NJ. November 13, 2019.

**Gross, MS** and MC Beach. *Disrespectful Language in Prenatal Records*. American Society for Bioethics and Humanities Annual Conference. October 24-27, 2019.

Kelly-Hedrick, M and **MS Gross**. *“Because it's my Child and I Want to Know”: A Survey of Pregnant Women's Views on the Utility of Ultrasound Screening for Fetal Anomalies*. American Society for Bioethics and Humanities Annual Conference. October 24-27, 2019.

Ruth, AR and **MS Gross**. *Addressing Stigma and Promoting Health: The Case for Universal Hepatitis C Screening in Pregnancy*. American Society for Bioethics and Humanities Annual Conference. October 24-27, 2019.

**Gross MS** and RC Miller. *How Does a New Health Paradigm Impact Our Rights to Privacy and Personal Data?* ConV2X 2019. Boston, MA. October 15, 2019.

**Gross MS**. *About me, but not for me: The ethical-legal gray zone of deidentified health data*. 2019 Symposium "First do no harm:" A patient-driven approach to navigating the health law, intellectual property, and technology maze. Nova Southeastern University School of Law. Plantation, FL. October 11, 2019.

**Gross, MS**. *Deidentification as Exploitation: Challenges to Research on Deidentified Data from Respect for Persons, Beneficence and Justice*. National Institutes of Health Bioethics Interest Group. October 7, 2019.

**Gross, MS**, C Gasamagera, C Covin, and K Martel. *Breastfeeding and HIV in the Era of U=U: Research, Policy, and Lived Experiences*. United States Conference on AIDS. Washington D.C. September 6, 2019.

**Gross, MS**, Rosenblum N, Bossano C, and L Milio. *Avoid Marijuana, not Breastfeeding: How Misinterpretation of National Guidelines Undermines Beneficence, Autonomy and Justice*. International Academy of Law and Mental Health. Rome, Italy. July 22-26, 2019.

**Gross MS** and RC Miller. *Ethical Implementation of the Learning Healthcare System with Blockchain Technology*. Oxford Global Health and Bioethics International Conference. Oxford, UK. July 1-2, 2019.

**Gross MS**. "Health Data as Labor:" The Ethical Alternative to Health Data as Property. *Johns Hopkins Global Bioethics Training Program*. June 17, 2019.

**Gross MS** and RC Miller. *Treating "Health Data as Labor" to Overcome Ethical Barriers to a Learning Healthcare System*. Berman Institute Research Retreat. Baltimore, MD. May 2, 2019.

**Gross MS** and RC Miller. *Treating "Health Data as Labor" and the Learning Healthcare System as a Radical Market*. RadicalXChange Conference. Detroit, MI. March 22-24, 2019.

**Gross MS**, Golden C, Milio L, Coleman JS, Rodney L, Rosenblum N, and A Agwu. *Breastfeeding for US Women with HIV: A Medical and Ethical Analysis*. Johns Hopkins Medicine Ethics for Lunch Seminar Series. November 20, 2018.

**Gross MS** and J Anderson. *Artificial Reproduction for People Living With HIV: A Critique Of American Society for Reproductive Medicine Guidelines*. Johns Hopkins Medicine Division of Reproductive Endocrinology and Infertility Research Meeting. June 28, 2018.

**Gross MS**, Christianson M, Coleman JS, and J Anderson. *Disparities in access to artificial reproductive technology for US people living with HIV*. Controversies in Bioethics Seminar. Bethlehem, Pennsylvania. (April 2018).

**Gross, MS**. *Trainee involvement in Surgical Procedures: What do patients know?* Greater Baltimore Medical Center Grand Rounds. Baltimore, Maryland. (May 2017)

**Gross, M**, Tomori C, Tuthill E, Sibinga EMS, Anderson J, and Coleman JS. *US Healthcare Providers Survey on Breastfeeding Among Women Living with HIV*. American Congress of Obstetricians and Gynecologists Nagey Research Day, Baltimore, Maryland. (May 2017)

**Gross, M**, Tomori C, Tuthill E, Sibinga EMS, Anderson J, and Coleman JS. *US Healthcare Providers Survey on Breastfeeding Among Women Living with HIV*. 7<sup>th</sup> International Workshop on HIV & Women, Seattle, Washington. (February 2017)

**Gross, MS**. *Critique of the American College of Obstetricians and Gynecologists' position on cesarean section on maternal request*. Greater Baltimore Medical Center Division of Urogynecology Meeting. (January 2017)

**Gross, MS.** *Willingness to terminate pregnancies with fetal anomalies: conscientious objection or unjust discrimination?* Johns Hopkins Division of Family Planning Meeting. (July 2016)

**Gross, MS.** *Just Ransom: A Jewish Ethics Approach to a Responsibility-Sensitive Distribution of Healthcare.* Annual meeting of the Society of Jewish Ethics, Seattle, Washington. (January 2014)

Miller RC III, **Gross MS**, Richman J, Jhavar S, Madkhali A, Roman FL, and Miller RC. *Content analysis of social media traffic related to the 2012 EORTC-NCI-AACR Symposium on Molecular Targets and Cancer Therapeutics.* The European Cancer Congress, Amsterdam, Netherlands. (October 2012)

Miller RC III, **Gross MS**, Richman J, Jhavar S, Madkhali A, Roman FL, and Miller RC. *Content analysis of nasopharynx cancer related traffic through social media.* 6<sup>th</sup> International Symposium on Nasopharyngeal Carcinoma, Istanbul, Turkey. (June 2013)

Miller RC III, **Gross MS**, Richman J, Jhavar S, Madkhali A, Roman FL, and RC Miller. *Content analysis of proton therapy related traffic on Twitter.* 52<sup>nd</sup> Annual Conference of the Particle Therapy Co-Operative Group, Essen, Germany. (June 2013)

**Gross MS**, Andres R, and K Soren. *Human Papillomavirus (HPV) Vaccination and Pap Smear Results in Adolescent Girls – Have We Seen a Difference?* North American Society for Pediatric and Adolescent Gynecology 24<sup>th</sup> Annual Clinical Meeting, Las Vegas, Nevada. (April 2010)

### **Podcasts/Webinars/Web content**

Interview with Jenny Darmody. *The future of health: Why we need to make space for bioethics*  
<https://www.siliconrepublic.com/innovation/future-healthcare-bioethics-marielle-gross>

**Gross, MS**, J Dunn, and N Farahany. Duke University Coronavirus Conversations: Ethics of the Use of Wearables for Early COVID Detection. August 21, 2020. <https://www.youtube.com/watch?v=GJmE1qRujK0&t=1483s>

**Gross MS.** *Ethical Challenges for Evidence-Based Obstetrics During COVID-19.* Pandemic Policy and Practice Series. University of Pittsburgh Center for Bioethics and Health Law. July 21, 2020.

**Gross MS**, RC Miller, E Tramel, and V Kuratis. *Resolving Tensions between Privacy and Utility of Health Data.* Radical Exchange RXC20. July 2, 2020.  
[https://www.youtube.com/watch?v=A2J4f0aNuuY&list=PLV\\_W9wE6WVDjwfcFTAB7UXoJLesgBdVU&index=45&t=0s](https://www.youtube.com/watch?v=A2J4f0aNuuY&list=PLV_W9wE6WVDjwfcFTAB7UXoJLesgBdVU&index=45&t=0s)

Wilson, T (with **MS Gross**) Johns Hopkins Physicians Stand With You.  
<https://www.youtube.com/watch?v=zXsfM9Apjws>

Norton A, T Wilson, and **MS Gross.** *COVID-19 Hospital Visitor Restrictions May Fuel Obstetric Disparities.* CLOSLER. June 3, 2020. <https://closler.org/lifelong-learning-in-clinical-excellence/covid-19-hospital-visitor-restrictions-may-fuel-obstetric-disparities>

De Jesus, VA and **MS Gross.** *Expecting the Unexpected: Guidelines for Medical Education Disaster Preparedness.* Johns Hopkins Berman Institute Coronavirus News. June 2, 2020. <https://bioethics.jhu.edu/news-events/news/expecting-the-unexpected-guidelines-for-medical-education-disaster-preparedness/>

Wang, F, G Zhang, S Frey, HV Nguyen and **MS Gross.** *Reconsidering ethics of home birth during COVID-19.* CLOSLER. May 5, 2020. <https://closler.org/lifelong-learning-in-clinical-excellence/reconsidering-ethics-of-home-birth-during-covid-19>

**Gross, MS.** *A Physician's Open Letter to Hospital Visitors.* Johns Hopkins Berman Institute Coronavirus News.

May 13, 2020. <https://bioethics.jhu.edu/news-events/news/a-physicians-open-letter-to-hospital-visitors/>

RC Miller, **MS Gross**. *Thinking 'oat' of the box: Technology to resolve the 'Goldilocks Data Dilemma.'* The Healthcare Blog. Category: Artificial Intelligence. <https://thehealthcareblog.com/blog/2019/09/09/thinking-oat-of-the-box-technology-to-resolve-the-goldilocks-data-dilemma/>

**Gross MS**. "Mini-ssippi Appendectomy:" *On routine practice of coercive subtotal sterilization during surgical management of ectopic pregnancy.* <https://medium.com/@mariellesophiagross/mini-ssippi-appendectomy-on-routine-practice-of-coercive-subtotal-sterilization-during-surgical-3f16685b790d>

**MS Gross**, RC Miller. *Privacy-Preserving Emerging Tech and the Bioethics of Blockchain in Healthcare.* ConsenSys Webinar Series. September 11, 2019.

RC Miller, **MS Gross**. *Privacy-Preserving Emerging Tech and the Bioethics of Blockchain in Healthcare.* Enterprise Ethereum Alliance Healthcare. June 21, 2019.

**Gross MS**. *Bioethics in OB/GYN and Breastfeeding Recommendations for Women Living with HIV Journal Club.* The OB/GYN Podcast. July 2, 2019. Available at <http://www.obgyn.fm/>

## Poster Presentations

Kelly-Hedrick M, **Gross MS**. *Unequal access to assisted reproduction for people living with HIV, HBV and HC: A content analysis of U.S. fertility clinic websites.* Center for AIDS Research Annual Meeting. September 20, 2019.

Kelly-Hedrick M, **Gross MS**. *HIV, HBV and HCV-related information on U.S. fertility clinic websites: A content analysis.* 12<sup>th</sup> National Conference on Health Disparities. Oakland, CA (June 19-20, 2019)

**Gross, MS**, Rosenblum N, Bossano C, and L Milio. *Breastfeeding and Marijuana Use: Medical and Ethical Analysis.* American Congress of Obstetricians & Gynecologists Annual Clinical Meeting. (May 2019)

**Gross, MS**, Rosenblum N, Bossano C, and L Milio. *Breastfeeding and Marijuana: An Ethical Analysis of U.S. Policy.* National Perinatal Association 39<sup>th</sup> Annual Conference. Providence, RI. (April 2019)

Sullivan KA, Zimba C, Gilbert SZ, Mtande T, Jaffe E, **Gross M**, Coleman J, Hoffman I, Rahangdale L, Rosenberg N, Anderson J, Faden RR, and AD Lyerly. *Participating in biomedical HIV prevention trials while pregnant: Women's views about enrolling in Pre-Exposure Prophylaxis (PrEP), vaginal ring, and randomized comparison trials.* 22<sup>nd</sup> International AIDS Conference, Amsterdam, Netherlands. (July 2018)

Sullivan KA, Faden RR, Gilbert SZ, Mtande T, Zimba CC, Jaffe EF, **Gross MS**, Rahangdale L, Coleman JS, Rosenberg NE, Anderson J, Krubiner CB, Hoffman IF, and AD Lyerly. *Women's views about rules governing reproductive issues in the context of biomedical clinical trials.* PRIM&R Advancing Ethical Research conference, San Antonio, Texas. (November 2017)

**Gross MS**, Osborne LM, Sekar P, J Althaus, Boss R, and Jelin AC. *The Effect of Indeterminate Ultrasounds on Antenatal Anxiety.* American Congress of Obstetricians and Gynecologists Nagey Research Day, Baltimore, Maryland. (May 2017)

**Gross M**, Tomori C, Coleman J. *Breastfeeding Policy for US Women Living with HIV: An Ethical Analysis of the Evidence.* American Congress of Obstetricians and Gynecologists Nagey Research Day, Baltimore, Maryland. (May 2017)

**Gross, MS**, Tomori C, Anderson J, Coleman JS. *Breastfeeding for US Women Living with HIV: A Medical and Ethical Policy Analysis.* American Congress of Obstetricians and Gynecologists Annual Clinical Meeting; San Diego, California. (May 2017)



**Gross M**, Osborne LM, Sekar P, J Althaus, Boss R, and Jelin AC. *Pregnancy Outcomes, Mothers' Mood, and Sonograms (PrO MoMS): Pilot Study*. National Perinatal Association 38<sup>th</sup> Annual Conference: Perinatal Mental Health: Advocating for the Health and Wellbeing of Families; Atlanta, Georgia. (March 2017)

**Gross M**, Tomori C, Coleman J. *Breastfeeding Policy for US Women Living with HIV: An Ethical Analysis of the Evidence*. 7<sup>th</sup> International Workshop on HIV & Women, Seattle, Washington. (February 2017)

**Gross MS**, Tran CH, Sutherland KH, Santos AL, Lee AM, Amdur RJ and Castagno JC. *Pilot Study: Physician-led HPV Vaccine Intervention for Male University Students*. International Cancer Education Conference, Tucson, Arizona. (October 2015)

**Gross MS**, Tran CH, Sutherland KH, Santos AL, Lee AM, Amdur RJ and Castagno JC. *Physician-led HPV Vaccine Intervention for University Women*. American Congress of Obstetricians and Gynecologists Nagey Research Day, Baltimore, Maryland. (May 2015)

**Gross MS**, Tran CH, Sutherland KH, Santos AL, Lee AM, Castagno JC, and Amdur RJ. *Evaluating a Physician-based HPV Vaccine Intervention for University Students*. Medical Student Research Day; Gainesville, Florida. (April 2014)

**Gross MS**, Tran CH, Sutherland KH, Santos AL, Lee AM, Amdur RJ and Castagno JC. *Pilot Study: Can an Educational Intervention Increase HPV Vaccination in Female College Students?* American Congress of Obstetricians and Gynecologists Annual Clinical Meeting; Chicago Illinois. (April 2014)

**Gross MS**, Tran CH, Sutherland KH, Santos AL, Lee AM, Amdur RJ and Castagno JC. *Pilot Study: Can an Educational Intervention Increase HPV Vaccination in Female College Students?* University of Florida College of Medicine 2014 Celebration of Research; Gainesville, Florida. (March 2014)

**Gross MS**, Miller RC III, Richman J, Jhavar S, Madkhali A, Roman FL, Miller RC. *@Cancer: A Content Analysis of Proton Therapy and Nasopharyngeal Cancer Related Traffic on Twitter*. Medical Student Research Day; Gainesville, Florida. (April 2013)

**Gross, MS**, Currilin,S, and S Dotson. *The effect of PYY as a food additive on longitudinal calorie consumption and metabolism*. Medical Student Research Day; Gainesville, Florida. (April 2012)

## Relevant Work/Teaching/Volunteer/Committee Experience

March 2020-present	Committee member, Committee on Ethics American College of Obstetrics & Gynecology
October 2018-present	Development of Novel Simulation-based Clinical Ethics Training for OB/GYN residents and clerkship students. Subjects: Informed consent OB&GYN, pregnancy loss, uncertain pregnancy intentions, domestic violence, poor prognosis in highly desired pregnancies, sexually transmitted infection diagnosis/counseling; end-of-life care; COVID 19; implicit bias (race/weight), microaggression/cultural competency; telemedicine Johns Hopkins and University of Pittsburgh Schools of Medicine
April 2020-June 2020	Medical Student Elective in Bioethics Research during COVID-19 Johns Hopkins University Berman Institute of Bioethics Mentees: Alex Norton and Sarah Frey
October 2018-June 2020	Lecturer/small group leader Johns Hopkins School of Medicine

Course subjects: obesity and weight bias, substance use disorder, medical ethics, reproductive ethics

August 2019-present      Co-Editor; Blockchain Frontiers

June 2019-present      Task Force Member  
Ethics and Policy Tiger Team  
HIMSS Blockchain Task Force

January 2019-present      Ethics & Scientific Advisor on Autonomous Intelligence Technology  
Guident Ltd; Oxford, UK

November 2018-present      Prime Central Institutional Review Board; Board Member  
Emmes Corporation; Rockville, MD

January 2015-present      Scientific & Ethics Advisor  
Tekcapital LLC; North Miami, FL

September 2018-January 2019      Bioethics Advisor, Board Member  
Honeycomb Health; New York, NY

Spring 2011-Spring 2012      Chief Teaching Assistant, Biomedical Ethics  
Course Director: Lisa Merlo, MD  
Department of Psychiatry  
University of Florida, Gainesville, FL

June 2011-September 2011      Research assistant, Department of Neuroscience  
McKnight Brain Institute  
University of Florida, Gainesville, FL

Summer 2010      Intern, Practicum in Environmental Ethics and Policy  
Capstone: *Sinkholes and Strawberries: Environmental ethics and policy of groundwater pumping in Plant City, FL*  
Mentor: Kenneth W. Buchman, J.D.  
City Attorney's Office, Plant City, FL

August 2009-July 2010      Founder, SAT Tutor  
Upper East Side College Prep, New York, NY

February 2009-June 2010      Research assistant, Division of Adolescent Medicine  
Columbia University Medical Center, New York, NY

September 2006-May 2009      Office Manager  
OrthoCare Services Orthotics and Bracing, New York, NY

May 2006-July 2006      Research Associate, Technology Transfer Division  
UTEK Corporation, Tampa, FL

October 2004-May 2006      Teacher in SAT Math, Reading, Writing; Mentor  
Let's Get Ready!, New York, NY

Summer 2003, 2004      Research assistant, Department of Skeletal Biology  
Shriners Hospital, Tampa, FL

**Awards and Honors**

Residency:

- Johns Hopkins Distinguished Teaching Society, inducted 2017
- Williams Senior Resident Research Award 2017 for *Breastfeeding Policy for US Women Living with HIV: An Ethical Analysis of the Evidence*
- ACOG Nagey Research Day 2017: Best Oral Presentation Award for *US Healthcare Providers Survey on Breastfeeding among Women Living with HIV*
- ACOG Nagey Research Day 2017: Best Poster Award for *The Effect of Indeterminate Ultrasound on Antenatal Anxiety*
- 2017 Kelly Society Grant for *Pregnancy Outcomes, Mothers' Mood, and Sonograms (PrO MoMS) Study: Impact of Indeterminate Obstetric Ultrasounds on Antenatal Anxiety*
- ACOG Nagey Research Day 2015: Best Poster Award for *Physician-based Human Papillomavirus Vaccine Intervention for University Women: Randomized Controlled Pilot Study*

Medical School:

- UF College of Medicine Dean's Award for Research 2013, 2014
- Lawrence M. Goodman Research Scholarship 2012, 2013, 2014
- UF Medical Grant
- Hugh and Mabel Wilford Scholarship
- Grant from UF Department of Radiation Oncology for HPV Vaccine Education Research
- Particle Therapy Co-Operative Group 52nd Annual Conference "Best Scientific Poster" prize for *Content Analysis of Proton Therapy Related Traffic on Twitter*
- Society of Jewish Ethics Annual Meeting Scholarship 2013 and 2014
- Medical Student Research Program Grant for Neuroscience Research
- Travel Stipend for 2011 International Neuroethics Society Annual Meeting

Premedical:

- NYU Bioethics Department 2010 Paper Recognition for *Till Deficiency Do Us Part: Tiger Woods and the Medicalization of Adultery*
- NYU Bioethics Departmental Tuition Fellowship for Graduate Studies
- Columbia University Medical Center Grant for HPV Vaccine Research
- Jewish Theological Seminary Fellowship Honors Thesis: *"You Use Them or Destroy Them: " Assessing the Octomom's IVF decision-making*
- List College Full Tuition Fellowship for Undergraduate Studies, Columbia-JTS Joint Program

**Professional Organizations and Activities**

Current:

American College of Obstetrics and Gynecology, Committee on Ethics Member

Fellowship:

American Society for Bioethics and Humanities

American Congress of Obstetricians and Gynecologists

Medical student small-group leader for MS1 bioethics curriculum and MS2 substance use patient interviews training

Residency:

Resident Research Committee, positions: representative, co-chair, 2016-2018

Housestaff Patient Safety & Quality Council, position: Gyn/Ob representative 2014-2015

Intern Orientation to the Gyn/Ob OR, position: course developer, instructor 2015-2018

Medical Student Mock Interview Nights

American Congress of Obstetricians and Gynecologists

Medical School:

Jewish Health Maimonides Society, positions: academic chair and co-president 2011-2014

Medical College Council, position: vice president 2011-2013

UF Health Shands Hospital Ethics Committee

International Neuroethics Society  
Florida Bioethics Network  
Society of Jewish Ethics

Premedical:

Jewish Theological Seminary Pre-Med Society, positions: Co-founder, President  
Best Buddies International, positions: President, Founder of Columbia University Chapter  
Columbia University Games Club, position: Vice President  
Let's Get Ready!, position: Volunteer Coach (Reading, Writing, and Mathematics)

**Outside Interests**

Craft mixology, rock climbing, yoga, doggie couture