

Revised 10/23/2024

CURRICULUM VITAE
MAAYAN LEROY-MELAMED, MD, MPH, FAAP

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EDUCATION

Undergraduate	Johns Hopkins University Biomedical Engineering Bachelor of Science, 2007
Medical School	Ben Gurion University of the Negev Medical School for International Health Doctor of Medicine, 2014
Other Advanced Degrees	Indiana University–Purdue University Indianapolis Master of Public Health, 2020

POSTGRADUATE TRAINING

Residency	Baystate Children’s Hospital, University of Massachusetts Medical School Springfield, MA Pediatrics 2014-2017
Fellowship	Indiana University School of Medicine Indianapolis, IN Adolescent Medicine, 2017-2020 Clinical Pharmacology (T32), 2018-2020

POSTGRADUATE HONORS AND AWARDS

Abstract Achievement award, American Society of Hematology, 2022
Grzegorz J. Nalepa award finalist for excellence in research during fellowship, IUSOM, 2020
Research and Mentoring Forum, SAHM, 2018

VOLUNTEER SERVICE

Peace Corps Dominican Republic, 2007-2009

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

RI Medical License MD18896, 2022
DEA #FL7377016, 2017
General Pediatrics #120146, American Board of Pediatrics, 2017
Adolescent Medicine Certification #810, American Board of Pediatrics, 2022

Nexplanon Medical Trainer, 2020

ACADEMIC APPOINTMENTS

Assistant Professor, Tufts University School of Medicine, 2020-2022

Assistant Professor, The Warren Alpert Medical School of Brown University, 2022-present

HOSPITAL APPOINTMENTS

Assistant Director of Adolescent Medicine, Tufts Children's Hospital, 2020-2022

Adolescent Medicine Attending, Hasbro Children's at Brown University Health, 2022-present

OTHER APPOINTMENTS

Journal reviewer:

Journal of Adolescent Health- 2018, Pediatrics- 2018, Journal of Pediatrics-2020-present,
Journal of Pediatric Hematology and Oncology- 2021, Journal of Sexual Medicine- 2021,
Journal of Women's Health- 2020-2022, Health Informatics Journal- 2023, F&S
Reviews- 2024.

HOSPITAL COMMITTEES

Women in Medicine, Tufts Medical Center, 2020-2022

MEMBERSHIP IN SOCIETIES

Society for Adolescent Health and Medicine (SAHM), 2017-present

- Student/Trainee Special Interest Group Co-Leader, 2019

- Programming Committee, Abstract Review Committee Co-Chair, 2022-present

American Academy of Pediatrics (AAP), 2015-present

Society of Family Planning (SFP), 2022-present

Society for Pediatric Research (SPR), Junior Member, 2023-present

- Selected to the Journeys & Frontiers in Pediatric Research program, 2024-5

American Medical Association (AMA), 2017-2023

North American Society of Pediatric and Adolescent Gynecology (NASPAG), 2022

American Society for Clinical Pharmacology and Therapeutics (ASCPT), 2018-2021

American Society for Addiction Medicine (ASAM), 2017-2019

National Center for Faculty Development and Diversity, 2022-present

- Faculty Success Program, 2023

PUBLICATIONS LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Leroy-Melamed M, Katz A, Shew ML. Menstrual Dysfunction and Treatment Among Adolescents with Congenital Heart Disease. J Pediatr Adolesc Gynecol. 2020 Dec;33(6):686-690. ISSN 1083-3188. doi: 10.1016/j.jpag.2020.08.012. PMID: 32827759.
2. Leroy-Melamed M, Zhao Q, Belmonte MA, Archer J, Peipert JF. Contraceptive Preference, Continuation Rates, and Unintended Pregnancies in Patients with Comorbidities: A Prospective Cohort Study. J Womens Health (Larchmt). 2021 Jan 6. doi: 10.1089/jwh.2020.8536.

3. Leroy-Melamed M, Leroy-Melamed M, Jacob S, Shew ML, Kazmerski TM. Provider Attitudes, Preferences, and Practices Regarding Sexual and Reproductive Health for Adolescents and Young Adults with Sickle Cell Disease. *J Adolesc Health*. 2021 Dec;69(6):970-975. doi: 10.1016/j.jadohealth.2021.06.008. Epub 2021 Jul 20. PMID: 34294508; PMCID: PMC8612941.

OTHER PEER-REVIEWED PUBLICATIONS

1. Ott MA, Sucato GS, Hoopes AJ, Leroy-Melamed M; American Academy of Pediatrics Committee on Adolescence. Contraception for Adolescents. Position Statement. In copy-edits.
2. Invited expert reviewer: Curtis KM, Nguyen A, Reeves JA, Clark EA, Folger SG, Whiteman MK. Update to U.S. Selected Practice Recommendations for Contraceptive Use: Self-Administration of Subcutaneous Depot Medroxyprogesterone Acetate. *MMWR Morb Mortal Wkly Rep*. 2021 May 21;70(20):739-743. doi: 10.15585/mmwr.mm7020a2. PMID: 34014910; PMCID: PMC8136426.
3. Module (1) Author. Cystic Fibrosis Online Education Program. Indiana University School of Medicine Division of Continuing Education in Healthcare Professions. 2023-2024, in development.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Leroy-Melamed M, Woolford T, Smith S, Adewale V, Bloomberg M, McGirr-Crowley A, McGann PT. Reproductive Justice and Sickle Cell Disease: Beyond Clinical Guidelines to Focus on Whole Person Care. Submitted to the *Lacet Haematology* journal, Sept 2024.
2. Leroy-Melamed M, Shew ML, McGann PT, Hege KM, Jacob SA. Perspectives of Adolescents and Young Adult Females with Sickle Cell Disease on Sexual and Reproductive Health Education. Submitted to the *Journal of Pediatric and Adolescent Gynecology*, July 2023 and the *Journal of Pediatric Hematology and Oncology* Sept 2023.
3. Leroy-Melamed M, McGann PT, Van Doren L. How We Approach Contraception for Adolescents and Young Adults with Sickle Cell Disease. Submitted to *Pediatric Blood and Cancer* on June 2023 and *British Journal of Hematology* Dec 2023, held for new CDC recommendations Fall 2024.
4. Oberoi AR, Jacob SA, Kazmerski TM, Clarke A, Askew M, Fassel Justus H, Woolford T, Leroy-Melamed M. Clinical Perspectives Regarding Sexual and Reproductive Health for Adolescents and Young Adults with Sickle Cell Disease. Under revision of the *Journal of Adolescent Health*, Fall 2024.

ABSTRACTS

1. Koenigs L, Fitzgerald S, Melamed M, Friderici J. Does a Resident Educational Intervention Increase the Number of Referrals for Long-Acting Reversible Contraceptives (LARC) in a Resident-Predominant Inner-City Pediatric Clinic? *Journal of Adolescent Health*. 2017 February; 60(2):S53-S54.

2. Leroy-Melamed M, Hensel D, Muzzey A, Zaban L, Cope-Barnes D, Ott M. Factors Associated with Intent to Have Sex or Abstain in Rural Indiana Middle School Students. *Journal of Adolescent Health*. 2018 February; 62(2):S70. Presented as a poster at national SAHM meeting, March 2018.
3. Leroy-Melamed M, Katz A., Shew M. Menstrual Dysfunction and Treatment among Adolescents with Congenital Heart Disease. *Journal of Adolescent Health*. 2019 February; 64(2):S27. Presented as a poster symposium at national SAHM meeting, March 2019.
4. Leroy-Melamed M, Zhao, Q, Belmonte MA, Peipert JF. Contraceptive Preference and Unintended Pregnancies in Patients with Comorbidities. Accepted to be presented as a poster at the American Society for Clinical Pharmacology and Therapeutics (ASCPT) 2020 Annual Meeting. March 19, 2020.
5. Leroy-Melamed M, Kazmerkski T, Jacob S, Shew M. Provider Views on Sexual and Reproductive Health for Adolescent and Young Adults with Sickle Cell Disease. Presented as a virtual poster for the Fairbanks School of Public Health MPH Capstone Poster Session, May 18, 2020.
6. Oberoi, A. R., Jacob, S. A., Kazmerski, T., Fassel, H., Leroy-Melamed, M. Clinical perspectives regarding sexual and reproductive health for adolescents and young adults with sickle cell disease. American Society of Hematology 64th Annual Meeting and Exposition. December 2022; New Orleans, LA.
7. Oberoi, A. R., Clarke, A., Kazmerski, T., Jacob, S. A., Leroy-Melamed, M. Current practice in counseling about sickle cell disease-modifying therapy and sexual and reproductive health. Accepted for presentation at: American Society of Hematology 65th Annual Meeting and Exposition. December 2023; San Diego, CA.
8. Leroy-Melamed M, Oberoi AR, Kazmerski TM, Pham A, Clarke A, Jacob SA. Provider Perspectives on Gender-Affirming Hormonal Treatment in Sickle Cell Disease. Presented at the Society for Adolescent Health and Medicine Annual Meeting, March 2024.
 - a. Presented at the Pediatric Scholarship Celebration, April 2024.
 - b. Presented at the Rhode Island Trans Health Conference, June 2024.
9. Gearhart, C., Gashi, E., Silverman, T., Toma, E., Parent, H., Chan, P. A., Leroy-Melamed, M., & Rusley, J. C. (2023). Gaps in Communication about Sexual Health and Pre-exposure Prophylaxis between Adolescent Sexual Minority and Gender Diverse Assigned Males and Primary Care Providers. Presented at the Society for Adolescent Health and Medicine (SAHM) Annual Meeting. March 2024; San Diego, CA.
10. Leroy-Melamed M, Gashi E, Martin H, Gearhart C, Arrington-Sanders R, Guthrie KM, Chan PA, Rusley J. "I'd Have to Be Much Closer with My Parents." Views of Caregivers and Sexual Minority Male and Transgender/Non-Binary Adolescents on Barriers to HIV Pre-Exposure Prophylaxis Uptake. Submitted to the Society for Adolescent Health and Medicine Annual Meeting, March 2025, Baltimore, MD.

11. Leroy-Melamed M, Gashi E, Martin H, Gearhart C, Arrington-Sanders R, Guthrie KM, Chan PA, Rusley J. "I'd Have to Be Much Closer with My Parents." Views of Caregivers and Sexual Minority Male and Transgender/Non-Binary Adolescents on Barriers to HIV Pre-Exposure Prophylaxis Uptake. Poster Presentation. Brown University Health Research Day, Nov 2024.

INVITED PRESENTATIONS

1. Grand Rounds: A Resident Educational Intervention Increases Referrals for Long-Acting Reversible Contraceptives (LARC) in a Resident-Predominant Inner-City Pediatric Clinic, Baystate Children's Hospital, Springfield, MA. 2017.
2. Pediatric Residency Lectures, Indiana University School of Medicine, 2017-2020.
3. Pregnancy considerations in sexual assault at regional P-SANE course, Indianapolis, IN, 2018, 2019.
4. SAHM Research/Mentoring Forum Mentee Progress Presentation, Washington, DC, 2019.
5. "How to Talk to Teens: A Primer on the HEEADSSS Exam," Third Year Clerkship, MSIH, Beer Sheva, Israel, 2019.
6. Indiana University School of Medicine Fourth Year Clinical Pharmacology course, 2019-2020.
7. SAHM Annual Meeting Works in Progress: Sexual and Reproductive Health for Adolescent and Young Adult Women with Sickle Cell Disease, scheduled March 13, 2020.
8. Grand Rounds: Comprehensive Contraception, Tufts University School of Medicine, June 2021.
9. Tufts Children's/MetroWest Medical Center-Update in Pediatrics: "Eating to Cope: Eating Disorders During the COVID-19 Pandemic," Oct 2021.
10. TUSM Clinical Interclerkship Facilitator, Nov 2021.
11. ASPHO Workshop Presenter: Sexual and Reproductive Health for Adolescents and Young Adults with Sickle Cell Disease: Improving Care and Establishing Best Practices, May 2023.
12. Workshop: Gender Affirming Contraception and Menstrual Suppression, Rhode Island Trans Health Conference, June 2023.
13. Brown Pediatrics Residency Noon Conference: Menstrual Disorders, July 2, 2023.
14. New England Sickle Cell Consortium Lunch & Learn (National): Contraception in Sickle Cell Disease, May 20, 2024.
15. Brown Pediatrics Residency Noon Conference: Urgent Gynecologic Concerns, June 18, 2024.
16. Providing Sexual and Reproductive Care for Youth in Immigrant Families: Challenges and Opportunities, American Academy of Pediatrics National Conference and Exhibition, Orlando, FL, Sept 27, 2024.
17. Asistencia de salud Sexual y Reproductiva para Jóvenes en Familias Inmigrantes: Barreras y Oportunidades. American Academy of Pediatrics National Conference and Exhibition, Orlando, FL, Sept 28, 2024.

18. Contraception in Sickle Cell Disease, Sickle Cell Reproductive Health Education Directive (SCRED) Critical Conversations Webinar, October 17, 2024

GRANTS

2024 Children's Miracle Network Award - \$25,000

UNIVERSITY TEACHING, ADVISING and MENTORING ROLES*

Mentee: Anjali R. Oberoi, TUSM MSIII-IV and UMass Med-Peds PGY1, 2021-present

Mentee: Kirsten Moore, BSPH MPH candidate, HSP senior research assistant, 2023-present

Mentee: Jacob Kaiserman, BS MD candidate, doctoring student, 2023-2024

Mentee: Pamil Tamelessio, ScB candidate, UTRA research assistant, 2024-present

Mentee: Sriya Datla, ScB candidate, research assistant, 2024-present

Mentee: Jaysily Martinez Rivera, BS candidate, research assistant, 2024-present

Mentee: Preeti Nagalamadaka, ScB MD candidate, doctoring student, 2024-present