

# MEROM A. ARTHUR

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## EDUCATION

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**Emory University, Atlanta, GA**

*Bachelor of Arts, August 2021- May 2025*

♦ Major: Human Health, Minor: Film and Media

**Battlefield High School, Haymarket, VA**

*High School Diploma, August 2017- June 2021*

## RESEARCH

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**Undergraduate Researcher in Caspary Lab, Human Genetics Department**

01/2024- 05/2025

*Mentor: Dr. Tamara Caspary*

**Clinical Research Intern, Grady Trauma Project (GTP) and Pregnancy and Mama Bear Study**

01/2022 – 05/2025

*Mentor: Dr. Vasiliki Michopoulos, Dr. Abby Lott*

- Interview participants about trauma history and how that impacts their mood and life
- Conduct screenings and administer study questionnaires and measures related to participants psychological wellbeing
- Involved in participant recruitment, assessment, and follow-up
- Shadow and train for acoustic startle appointments and placenta collection
- Train and mentor new interns during orientation sessions and scheduled visits
- Blood processing for blood draws; Biobanking
- Observe neuroimaging visits- MRIs
- Community Advisory Board Leader

**Research Intern, Zohn Lab at Center for Genetics at Children's National Hospital Research Center**

05/2023-08/2023

*Mentor: Dr. Irene Zohn*

05/2024-08/2024

♦ Worked on project studying Congenital Heart Defects (CHDs) in mouse models with 22q11.2 deletion syndrome

♦ Skills: PCR, sequencing/genotyping, cryosectioning, dissection of mice, free floating sectioning.

## PUBLICATIONS

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1. Rocha M., Lipschutz R., Ravi M., Nugent N., C Lathan E., Wallace S., **Arthur M.**, Karra S., Hinrichs R., S. Stevens J., Braden A., Chandrasekaran S., K. Smith A., Powers A., Michopoulos V. *The Impact of Sexual Trauma and Progesterone on PTSD Symptoms Over Pregnancy in Black Individuals*. [In Progress].
2. *Psychometric Properties of the City Birth Trauma Scale in Black trauma-exposed women*. Lipschutz R., Karra S., Stanhope K., Nugent N., **Arthur M.**, Wallace S., McAfee E., Ravi M., C. Lathan E., Britt A., Michopoulos V., Powers A. [In Progress].
3. Lipschutz, R., Ravi, M., Lathan, E. C., Duan, M., Karra, S., Wallace, S., **Arthur, M.**, Britt, A., Powers, A., & Michopoulos, V. (2025). Associations between pre- and postpartum posttraumatic stress symptoms and maternal functioning in Black trauma-exposed women. *Journal of Mood & Anxiety Disorders*, 100111. <https://doi.org/10.1016/j.xjmad.2025.100111>

## POSTER PRESENTATIONS AND TALKS

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1. Li H, Truong H, **Arthur M**, Sellick K, Dean D, Caspary T, Gambello M. "Alpha Cell Hyperplasia and Tumor Risk in GCGR-Deficient Mice Is Ameliorated by a Low-Protein Diet." **International Congress of Inborn Errors of Metabolism (ICIEM)**. Kyoto, Japan. 2025.
2. **Arthur M**, Truong H, Sellick K, Dean D, Gambello M, Li H, Caspary T. "Normalizing Amino Acid Levels Prevents Alpha Cell hyperplasia in Mice with Glucagon Receptor Defects." **Emory Department of Human Health Symposium**. 2025 [Oral].
3. **Arthur M**, Truong H, Sellick K, Dean D, Gambello M, Li H, Caspary T. "Normalizing Amino Acid Levels Prevents Alpha Cell hyperplasia in Mice with Glucagon Receptor Defects." **Emory Undergraduate Research Program (URP) Symposium**. 2025 [Accepted Poster].
4. **Arthur M**, Truong H, Sellick K, Dean D, Gambello M, Li H, Caspary T. "Normalizing Amino Acid Levels Prevents Alpha Cell hyperplasia in Mice with Glucagon Receptor Defects." **Initiative for Maximizing Student Development (IMSD) Symposium**. 2025 [Poster].
5. **Arthur M**, Truong H, Sellick K, Dean D, Gambello M, Li H, Caspary T. "Normalizing Amino Acid Levels Prevents Alpha Cell hyperplasia in Mice with Glucagon Receptor Defects." **Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS)**: Pittsburgh, Pennsylvania. 2024 [Poster].
6. **Arthur M**, Truong H, Sellick K, Dean D, Gambello M, Li H, Caspary T. "Normalizing Amino Acid Levels Prevents Alpha Cell hyperplasia in Mice with Glucagon Receptor Defects." **Emory Department of Human Genetics Retreat**. 2024 [Oral].
7. Ravi M, Nugent N, Wallace S, **Arthur M**, Smith A, Powers A, Michopolous V. "Relationships Between Sexual Abuse and PTSD Symptoms Across Pregnancy in Black Individuals." **Anxiety and Depression Association of America (ADAA)**: Boston, Massachusetts. 2024 [Talk].

8. Karra S, Ravi M, **Arthur M**, Britt A, Wallace S, Johnson II Colin, Powers A, Michopoulos V. “Interactive Effects of Race-Related Stress and Postpartum Maternal Functioning on Postpartum PTSD Symptoms in Black Mothers.” **Anxiety and Depression Association of America (ADAA)**: Boston, Massachusetts. 2024 [Poster].
9. **Arthur M**, Karra S, Wallace S, Ravi M, Britt A, Stanhope K, Smith AK, Powers A, Michopoulos V. “Early Gestational Age is Associated with Birth-Related Maternal PTSD symptoms in a Community Sample of Black Persons.” **Anxiety and Depression Association of America (ADAA)**: Boston, Massachusetts. 2024 [Poster].
  - Abstract featured on ADAA's *Journal of Mood and Anxiety Disorders*<sup>TM</sup>
10. **Arthur M**, Tiufekchiev S, Nde C, Oxman E, Leatherbury L, Zohn I. “Optimizing Analysis of Congenital Heart Defects (CHDs) Utilizing High Resolution Episcopic Microscopy (HREM).” **Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS)**: Phoenix, Arizona. 2023 [Poster].
11. **Arthur M**, Tiufekchiev S, Nde C, Oxman E, Leatherbury L, Zohn I. “Optimizing Analysis of Congenital Heart Defects (CHDs) Utilizing High Resolution Episcopic Microscopy (HREM).” **Society for Developmental Biology Southeast Regional Meeting** : Mobile, Alabama. 2023 [Poster].

## HONORS AND AWARDS

• Dean’s Spiritual Life Leadership Award in Christian Life	05/2025
• Emory African Student Association: Giant of Africa Nominee	04/2025
• Runner Up Best Oral Presentation; Emory Department of Human Genetics Meeting	09/2024
• Emory African Student Association: Flowers of Appreciation Recipient	04/2024
• Black Emory Excellence (B.E.E.) Inaugural Series	02/2024
• Runner Up Best Undergraduate Poster Award- SDB Southeast Regional Meeting	10/2023
• ABRCMS Travel Award Recipient	09/2023
• Horn Smith Scholarship Recipient	08/2023
• Emory Pathways Internship Funding	03/2023
• Emory Initiative for Maximizing Student Development (IMSD)	01/2023
• Emory College Scholarship Recipient	08/2022
• MGAM, PWCS Spark Scholarship, and Phi Kappa Zeta Scholarships Recipient	06/2021
• Battlefield High School Choir Director’s Award	06/2021
• NIH Virtual Summer Enrichment Program	06/2020
• Coursera Online Yale Course: Moralities of Everyday Life	08/2020
• National Honor Society, National English Honor Society	10/2020
• Placed 2 <sup>nd</sup> and 3 <sup>rd</sup> in shotput and discus at conference and regional championships; competed in states.	05/2019
• Volleyball District Champions, Regional Champions, and State Semifinalists: Cedar Run Second and First Team	2019-21

## CLINICAL EXPERIENCE

**Scribe and Medical Assistant at Mother of Mercy Clinic (Manassas, VA)** 05/2023 – 05/2025

- Check in patients for appointments and welcome them into the office. Take vitals, run urine tests, and prepare patients for the OB and primary care visits. Scribe chief complaints, diagnoses, assessments, and plans in medical records system for billing and history.

**Remote Area Medical** 08/2022 –05/2025

### General Support Volunteer

- Attend pop-up clinic for locals to receive free medical, dental, and vision treatment. I participated in the clinics in Cookeville, TN, Harrisonburg, VA and Newport News, VA. Served as a runner for medical triage, helped with dental triage, shadowed dental extractions, took eye pressure, evaluated chamber angles of patients, and charted medical records. Additionally, had the opportunity to utilize Spanish speaking skills to interpret.
- In Harrisonburg and Newport News, had the opportunity to work with Dr. Connor Witty (Oral Surgeon), and assist him with extractions and wisdom teeth removals. During our time, I extracted 9 teeth and performed some suturing.

**Labor Support Volunteer at Virginia Hospital Center (Arlington, VA)** 10/2023- 01/2025

**Volunteer at Grant Park Clinic (Atlanta, GA)** 01/2024- 10/2024

- Check in patients for appointments and welcome them into the office. Take vitals, run urine tests, and prepare patients for primary care visits. Scribe/notetake chief complaints, diagnoses, assessments, and plans in medical records system for billing and history.

**Shadowing** 12/2022 – 08/2024

- Children’s National Hospital: Psychiatry, Endocrinology, Otolaryngology, Orthopedics, Neonatal Neurology, Infectious Disease, Emergency Medicine, Anesthesiology, Cardiology
- Kaiser Permanente Haymarket and Manassas: OB/GYN, Family Medicine

- In May 2023, will be flying with Emory chapter to Honduras to conduct medical and dental clinic for locals for a seven-day period. In triage, took patients medical history, blood pressure, weight, etc. In general consultation: under supervision and guidance of trained physician, spoke to patient about their primary complaint, symptoms, exams, and diagnoses. In dental clinic, applied anesthesia for tooth extractions and assisted the dentist. In pharmacy, prepared medications with details of duration, name, and dosages.

**Clinical Intern, Prime Wellness Clinic**

06/2020 – 09/2020

- Performed administrative work at the front desk
- Scheduled appointments with patients
- Printed, scanned, and filed documents; prepared doctor/nurses' paperwork for appointments

**LEADERSHIP****Research Ambassador, Emory Undergraduate Research Programs**

07/2023– 05/2025

- Conduct 1-on-1 advising meetings with students to guide them in their research endeavors
- Give presentations at weekly events on topics such as, "Getting started in Research," "Securing your Summer Research," "Making the most of your Summer Research Experience."
- As a committee member of the Events and Outreach team, plan events, collaborate with other organizations, contact speakers, and make general arrangements

**Event Planning: President (2024-Present) Co-Lead, Marketing Team (2021-2023), Emory Photo Club**

12/2021– 05/2025

- Contribute ideas for semester long photography campaigns and contests, such as Human of Emory
- Assist in planning trips in Atlanta for photo sessions. Example: Ponce City Market

**Event Coordinator, Project Lend a Hand at ICGC Fulfillment Temple**

12/2020 – Present

- Reach out to shelters annually in the month of December to partner with for donation drive
- Schedule date, gather volunteers to promote and advertise event with flyers and videos on social media
- In 2021, we gave funds, hygienic products, and canned goods to Carpenter's Shelter, and in 2022, Bethany House of NOVA

**Emory Women in STEM, Executive Board; Social Media Manager**

09/2022 – 05/2025

- Market and advertise club meetings, events, and collaborations on social media and across campus to build strong community of women in STEM at Emory. Utilize Canva, Cap Cut, Final Cut, and various softwares.

**Emory InterVarsity Choir and Voices of Inner Strength Gospel Choir (VOIS)**

02/2022 –05/2025

*Treasurer and Community Outreach Chair*

- Attend weekly rehearsal to prepare for three major concerts, additional campus events and performances
- As a member of the exec board, handle auditions, select and suggest songs, lead Alto section

**Media Department, ICGC Fulfillment Temple**

06/2015 – Present

- Run the tech room during Friday, Sunday, and conference services
- Set up livestreams, microphones, TVs, LED lights
- Create weekly announcement videos using Final Cut Pro, take photos and manage social media platforms

**ICGC Fulfillment Temple Young Adult Leader**

01/2014 – Present

- Sing in Vessels of Worship
- Occasionally give exhortations and preach to congregation
- Plan events such as car washes, clothes drives, bake sales, movie nights, youth camps, etc.
- Led the youth choir: handled communications, selected worship and praise leaders and songs, organized rehearsals.
- Danced and choreographed in our Drama ministry for monthly performances

**EXTRACURRICULAR ACTIVITIES****Volunteer Emory**

03/2023– 05/2025

- Engaged in various community-based organizations such as Hope Lodge, where we provide volunteer services. Uplifting Marginalized Mothers and Individuals (UMMI), ICNA Food Pantry, and Meal on Wheels Atlanta.

**Emory Black Women in the Wilderness**

09/2022– 05/2025

- A part of cohort that seeks to explore the use of outdoor recreation, self-care, and building community. Partake in hikes, retreats, indoor rock wall climbing, cooking classes, workshops for wilderness survival skills, such as making fires, building tents, cooking meals, etc.

**Emory African Student Association and Black Student Alliance**

08/2021 – 05/2025

**Emory Collegiate Black Christians**

08/2021– 05/2025

**Varsity Volleyball, Battlefield High School**

08/2017 –11/2023

- Served as a camp counselor at the annual summer basketball camps
- Coached and supervised teams of 12 kids, guided them through games and activities

- Post-graduation, volunteer during tryouts and pre-season to train the high school players.

## Emory Women's Volleyball

04/2021– 12/2021

- Was recruited and committed to Emory's Women's Volleyball team, but unfortunately due to chronic injuries, decided to medically retire for the wellbeing of overall health.

## EMPLOYMENT

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### The McCuiston Group

06/2025-Present

*Medical and Administrative Assistant*

### Emory Athletic Events and Recreation

01/2023 – 05/2025

*Staff*

- Work shifts during varsity, club, and intramural events and sports games. For instance, timing races at swim meets, working the tables at basketball and volleyball games, assisting during tennis matches and track meets, etc.

### MOD PIZZA

04/2021 – 08/2021

*Squad Member*

- Worked with a team or collective to prepare customers' pizza and salad order.
- Within two months of working there, began assisting in the training of new employees.

## FILM AND MEDIA

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### Exploring Health Student Writer

January 2025-Present

<https://exploringhealth.org/tag/merom-arthur/>

### Clifton Culture; Emory Wheel Podcast

August 2024- 05/2025

### DoorDash Ambassador

August 2024- 12/2024

- Lead event marketing initiatives as an Event Specialist. Organize and manage brand awareness events using strategic marketing techniques to increase user engagement on campus.

### Bumble Honey Ambassador

August 2024- 05/2025

- Manage a \$2500 monthly budget to plan and execute brand events. Oversee venue/vendor bookings and communications, ensuring smooth execution of promotional campaigns.

### YouTube Web series, Reality Check; Crew Member

February 2023-05/2025

- Develop engaging narratives through pre-production, production, and post-production processes.
- Conducted photoshoots, edited images using Adobe Lightroom/Photoshop for promotional material, and utilized Adobe Premiere Pro for video editing, contributing to an overall increase in audience retention and social engagement.

### Sweet Green Ambassador at Emory University

August 2023- October 2023

- Launched and promoted Sweetgreen's opening at Emory Village through strategic social media campaigns, increasing brand visibility by distributing flyers and discount codes, and generating a 20% boost in foot traffic during the launch.

### Emory Fizz

December 2022- April 2023

*Marketing Consultant*

- Created relevant, engaging posts for Fizz, building a strong community of over 3,000 students. Moderated and enforced guidelines for content on the platform, ensuring compliance and fostering positive engagement. Monitored analytics and insights.

### AAA (Triple A) Productions

January 2014- Present

Freelance Social Media Manager, Video Editor, Photography, Church Media, Podcasting

<https://meromarthur.my.canva.site/>

## LANGUAGES AND SKILLS

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- English
- Akan (Twi)
- Spanish
- Microsoft, Windows, MacOS
- Beginner in Octave and R
- BLS, CPR & AED Certified, HIPAA, HITECH, CITI, & Omnibus Training, Referee and Scorer Certified

## INTERESTS AND HOBBIES

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- Music: Singing, listening, playing piano
- Photography and Videography
- Journaling and Planning
- Listening to Podcasts and Audiobooks
- Play Volleyball and Watch Collegiate/Professional sports
- Weightlifting
- Movies and TV programs – Watching all Marvel movies at the theaters with my younger sister, and a variety of other genres
- Reading- Enjoy memoirs and novels

## **REFERENCES**

Alysia Green, MD  
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Sports Medicine Physician  
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Emory University School of Medicine  
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Children's National Hospital  
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Battlefield High School  
  
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