

# Melissa Jean Bailey-Taylor, DO, MPH, CMD

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## Professional Background

### Education

#### Degrees:

*Doctor of Osteopathy* Philadelphia College of Osteopathic Medicine, 2008

*Master's of Public Health* the Ohio State College of Medicine and Public Health, 2001

*Bachelor of Science* Spelman College, 1995, Major: Biochemistry

#### Accreditations:

**Licenses:** Unrestricted Medical License, for South Carolina and Pennsylvania

**Certified Medical Director Certification:** Post-Acute Care and Long-term Care 2017

**Certificate in Disparity Leadership:** Anticipated for 2019 Harvard University Medical School

Riley Diversity Leadership Program-Fellow. Furman University. Commence program in January 2019

#### Honors, Awards, Achievements:

**Scholarships:** Minority Health Scholarship 2004 and 2006, PCOM Alumni Scholarship, Bernard Master's Scholarship 2007, and D'Alonzo DO Memorial Student Fund Scholarship 2004 and 2005

**Honor:** Men and Women of Diversity in the Health Care Profession, West Palm Beach, St Paul AME Church June 2010

The American Osteopathic Association Hero's Recognition- 2014

#### Graduate Medical Education:

**Geriatric Fellowship:** Philadelphia College of Osteopathic Medicine, Philadelphia, PA 4/15/2013 – 4/15/2014

**Family Practice Residency: (Chief Resident)** The North Philadelphia Hospital System Residency Program, Philadelphia, PA 7/1/2011-3/31/2013

**Pediatric Residency:** The Palm Beach County Pediatric Residency Program, Palms West Hospital West Palm Beach, FL 7/1/2009-6/30/2010

**Traditional Osteopathic Rotating Internship:** St. Joseph Medical Center Family Practice Residency Program Reading, PA 9/1/2008-6/19/2009

## Professional Experience

### Work Experience:

#### Greenville Memorial Health System

9/8/2014-

present

#### Geriatric Physician

- Medical Director of a Continuous Care Retirement Community and Post-Acute Rehabilitation facility
- Physician Champaign for the Geriatric Medical Legal Program
- Manage Nurse Practitioners in various facilities
- A member of the Division of Geriatric and Executive Committee member
- Provide inpatient geriatric consultative services

- Teaching and supervising Family Medicine, Internal Medicine, and Med-Ped Residents
- Medical management of Hospice and Palliative Care patients
- Administrative Responsibilities as Medical Director for a Long-term Care Facilities
- Admissions Committee member for the University of South Carolina (USC)- Greenville School of Medicine (SOM)
- Student Evaluation and Promotion Committee Member and Chairman for USC-SOM Greenville.
- Co-Chair of The Transformative Health Institute Culture and Inclusion Committee- Enhancing the Practice of Medicine.

**University of South Carolina School of Medicine-Greenville, SC      12/2014- Present**  
**Clinical Faculty**

- Student Evaluation and Promotion Committee Member-Chairman
- Admissions Committee Member
- Preceptor/attending for 3<sup>rd</sup> and 4<sup>th</sup> year medical students via the Division of Geriatrics
- Mentor Medical Students

**Agape Hospice      9/20/2015- 7/1/2018**  
**Medical Director**

- Former Medical Director of the General Inpatient Unit at Greenville Memorial Hospital.
- Medical Director of the Greenville County area for Agape Hospice.
- Provide end of life medical services to patients and families.
- Manage disease symptoms for patients on hospice.
- Lead interdisciplinary treatment team management and certify patients for hospice services.

**Healthy Measures      6/1/2012-1/2016**  
**Medical Director**

Responsibilities include:

- Reviewing QC & QA procedures
- Assisting in state laboratory reviews & inspections
- Assisting in the development of new testing protocols
- Reviewing and advising in the development of the Procedure Manual
- Screening consultation

**Westat      7/2001 - 3/2006**  
**Technical Writer, Research Associate, Interim Field-Project Management, Field Manager, Trainer**

**Research and Study Design:**

- Developed study design, protocols, and methodologies for population, environmental, and health studies
- Developed survey questionnaires and instruments.
- Implemented pilot and full scale studies.
- Reviewed survey instruments and performed quality control on completed survey instruments.
- Compared similar survey instruments to develop new CATI questionnaires.
- Developed methods to compare, publish, and disseminate materials to public safety workers, correctional health care workers, food preparers, and tattoo artist.
- Develop methods for research participation denial conversions.

**Technical Writing:**

- Wrote technical reports.
- Co-authored and conducted research for a national, environmental, and Health Publications.
- Writings included evidence of human health effects from environmental exposures to hazards such as pesticides, the relation to emerging diseases, childhood illnesses, chronic disease, other adverse health outcomes, and global burden of disease.
- Conducted literature searches on blood borne pathogens transmission, susceptibility, and prevention standards for correctional health care workers; public safety workers; emergency response workers; food service workers positive with HIV, HBV, and HCV; and needle exchange program workers.
- Composed technical reports and chapters for volumes of an environmental study.

**Data Management & Processing:**

- Analyzed data and facilitated data keying and cleaning.
- Collaborated with senior biostatisticians, statisticians, and clients in data analysis and dissemination.
- Served as a liaison between data processing staff (statisticians and data coders) and project staff.
- Experienced in generating/revising data codebook and ruling on the categorization of raw data.
- Educated in basic level of SPSS in order to make data management decisions with collaborators.

**Management and Client Relations:**

- Met and partnered with EPA advisory committee.
- Represented Westat in meetings with the National Park Service (NPS), US EPA, and Centers for Disease Control and Prevention (CDC).
- Supervised subcontractors and vendors.
- Located potential contractors and negotiated contractual agreements.
- Managed over 30 field and door to door interviewers.
- Oversaw the survey instrument administration.
- Managed a 4000 article-literature review to help a client develop evidenced based recommendations for pediatric asthma prevention and treatment nationally and internationally.
- Managed five advanced trained reviewers
- Collaborated with team members and stakeholders at various levels and backgrounds.

**Training Development and Training:**

- Trained staff and interviewers on basic epidemiology terminology, and human subject research ethics.
- Organized and trained eight telephone interviewers via teleconference for Lead, allergen, and pesticide study in daycares across the United States.
- Performed quality control of the geocoding process for a Dept of Transportation project.
- Developed training modules and trained interviewers for national environmental health studies including human subject research ethics and principles.
- Trained over 45 field interviewers for each study year of the National BEACHES Study. Training included basic health communication and survey practices that facilitate in person interviewing.

**Regulatory Compliance:**

- Handled regulation and license requirements such as Lead Based Paint Certification and radioactive material handling licenses for the field staff traveling throughout the contiguous US.
- Supervised and conducted state law and public health codes for body piercing and tattooing.
- Developed database of state laws and public health codes for body piercers and tattoo artist.
- Identified experts for meetings to develop new NIOSH guidelines.

**Major Projects and Clients:**

- The National Beaches Study, First Environmental Health Study of Children in Daycare Centers in the US, and The State of the Environment, Human Health Volume for EPA
- The Environmental Protection Agency, The Centers of Disease Control, Housing and Urban Development, and The National Heart, Lung, and Blood Institute

Georgetown University. Department Of Psychiatry, D.C. 7/2002 - 1/2003

**Study Recruiter & Interviewer, Dr. Mary Ann Dutton**

- Screened women in Washington, DC emergency rooms for current intimate partner violence while they waited for treatment. Recruited and interviewed battered women.
- Provided legal, shelter, and counseling referrals.
- Peer counseled women.
- Participated in group meetings by providing information on survey methodology and interpersonal skills.

Comp. Health Initiative In African America Congregations, Ohio 2/2001 - 4/2001

**Coordinator**

- Comprehensive Health Initiative In African American Congregations (CHIAAC)
- Coordinated the resources contributed by the three major health systems, the Columbus Department of Health and other agencies in Columbus, OH.
- Developed step by step guidelines for the establishment of five church-based health initiatives.
- Composed news articles and health informational letters.
- Initiated the development of a health service resource booklet.
- Managed the CHIAAC office.
- Facilitated meetings with all the leadership partners and congregational members.
- Collaborated and partnered with the American Heart Association, the Columbus Health Department, and three major health care systems in

Columbus, OH.

Mobile Health Fair Unit-Covenant Health Ministries, Ohio 6/2000 - 8/2000

**Public Health Educator And Practitioner**

- Provided health services to underserved population, served 1200 people in 9 weeks in OH, MI, and KY.
- Trained and supervised 400 volunteers, along with five other team members, during a nine week period.
- Provided Health Education on numerous topics such as breast cancer, Diabetes, STD's, Hygiene.
- Conducted an assessment of and made recommendations on the health status of Hispanic Migrant workers.

ACL Enterprises, Ohio 1/1998 - 4/1998

**Compassion Care Assistant**

- Provided assistance in daily routines to three residents living with Diabetes, Dementia, and Alzheimer's Disease.
- Accompanied residents to activities such as to church or shopping.

Boehringer Ingelheim Roxanne Labs R&D, Ohio 3/1997 - 8/1999

**Assistant Analytical Chemist 2**

- Developed analytical methods for innovative and generic drug products.
- Assisted in drug development in the preclinical and various stages of clinical trials
- Supported formulation development by performing routine laboratory characterization procedures.
- Analyzed raw materials, packaging components, and products, quality control.
- Employed various instruments and procedures such as AA, UV/VIS,
- IR spectroscopy, HPLC, extractions, titrating, dissolution, digital camera, heavy metal testing, arsenic, water testing.
- Documented and analyzed laboratory data in various formats such as using CALS and PeakPro.
- Composed and assisted in technical reports including SOP's.
- Employed the United States Pharmacopoeia and European Pharmacopoeia.
- Utilized Good Manufacturing Practices (GMP) and Good Laboratory Practices (GLP).

The Georgia Northwest Girl Scout Council, Georgia 1/1994 - 5/1995

**Consultant-Paid Volunteer**

- Implemented and administered special Girl Scouting programs in underserved communities.
- Managed funds and resources.
- Mentored young ladies age 5-16.
- Supervised volunteers and two assistants.
- Served an average of 30 young ladies.

**Research Experience:**

Ohio State University Dept. of Microbiology & Biologic Chem. 9/1995 - 1/1997

**Research Assistant**, Dr. Martin Caffery & Dr. Marie A. Gilles-Gonzalez

Biologic Chemistry:

- Synthesized and purified Monoacylglycerides (MAGS) via organic synthesis and distillation.
- Analyzed MAGS by TLC, NMR, DSC to construct phase diagrams and models of the cell lipid bilayers.

Microbiology:

- Fermented and harvested bacterial cells to obtain proteins.
- Purified proteins by Ion Exchange, Gel Filtration, and Affinity Chromatography.
- Involved in routine laboratory maintenance activities such as
- radiation safety monitoring.

Spelman College, N.I.H./M.B.R.S & Chemistry Department Georgia 6/1994 - 5/1995

**Student Researcher & Chemistry Tutor, Dr. Bhatia**

- I worked 10-15 hours during the academic year and 40 during the summer per week.
- Characterized 5'-GMP and 5'-CMP with FTIR& FTaman.
- Investigated the Hydration properties of 5'-GMP using FTRaman.
- Assisted students in General Chemistry.

Clark Atlanta University, N.I.H. /M.B.R.S., Georgia 6/1993 - 05/1994

**Student Researcher, Dr. Irene Browne**

- I worked 10-15 hours during the academic year and 40 during the summer per week.
- Isolated purified, characterized mouse epithelial cells to determine the storage form of Vitamin A.
- Analyzed organelles for retinoids using electrophoresis.
- Involved in HPLC and Electron Microscopy analysis of the organelle fractions.

University Of California San Diego, California 6/1991 - 8/1993

**Student Research Assistant, Dr. Maurizio Zanetti**

- Participated in the development of a malaria vaccine.
- Entered data into the cell data bank.
- Purified proteins and performed immunological assays by ELISA.
- Analyzed constructs using Western blot.
- Involved in tissue culture.
- Experienced in the preparation of histological specimens for routine pathological studies and examination by electron microscopy for the neuropathology department.

### Teaching Experience

Impact Health, Pennsylvania  
6/2012

5/2005 - 12/2006; 9/2011-

**Health Educator & Health Promotion Associate**

Screened employees of companies and the general public for common health conditions and provided health education on various topics including asthma, hypertension, high cholesterol, and diabetes. This position required travel out of the city and state for assignments periodically.

Ohio State University. Department. Of Chemistry, Ohio 9/1995 - 3/2001

**Lecturer & Graduate Teaching Assistant**

- Instructed undergraduate, general chemistry laboratory and recitation classes,
- 4 years; taught three classes per quarter of 25 students each.
- Proctored examinations of 30-300 students.

- Supervised other teaching associates as the head proctor, periodically.
- Tutored students in general chemistry each quarter, two hours per week.

### **Volunteer Experience**

Summer Medical Institute (SMI), Mexico 7/ 2004 & 7/2005

#### **Student Leader And Medical Volunteer**

- Participated in the mission twice.
- Edited surveys.
- Served as a team leader.
- Rotated through Valley Baptist Family Practice Residency.
- Worked with residents, attendings, translators, volunteers, and other medical students.
- Assisted in training team members to conduct medical and spiritual inventories.
- Established methods to provide continuity of care between the communities, local churches, and health facilities.
- Provided basic health screenings for several residents of the colonias in the Hidalgo and Cameron counties.
- Set-up and operated clinics and pharmacies in churches in various communities in Mexico.
- Provided medical care, health education, counseling, and spiritual care to residents of the communities.
- Provided food supplies to communities affected by the hurricane in Texas and Mexico.

PCOM, Pennsylvania 4/ 2004 - 4/2004

#### **Volunteer For PCOM Phone-A-Thon**

Volunteered to contact PCOM Alumni to encourage and request financial support for the PCOM D.O. scholarship fund.

The Christian Medical And Dental Association-PCOM 8/ 2003-present

#### **President (2 Years)**

- Served as President of the Christian Medical and Dental Association twice
- Lead regular business meetings, prayer meetings, Bible studies, and community projects.
- Conducted fund raisers.
- Organize students to participate in Bethany Ministries.
- Participated in the Global Health month at PCOM.
- Recruited students for summer medical institute mission in Mexico and Texas.
- Selected to serve as a third year liaison with the local graduate chapter, Medical Campus Outreach.

Metropolitan Community Development Corp. (MCDC), Maryland 6/ 2001 -8/2002

#### **Health Director**

- Served the Silver Spring, MD and surrounding communities including the large emigrant populations.
- Provided health education, screening, and referrals.
- Editor/writer of monthly health education newsletter.
- Participated in developing fitness programs and health fairs.
- Participated in initiating the following future projects including community assessment, insurance plan, additional mini-health clinics, health fairs, and securing grants.

The Ohio Commission On Minority Health, Ohio 3/ 2000 - 3/2000

**Volunteer Recorder**

- Was invited by the Commissioner of Minority Health for the State of Ohio to participate in activities of the commission.
- Recorded, transcribed, facilitated round table discussions on the need of translated written materials in different languages, and various forms of communication in medical settings.

Central OH Breathing Association, American Heart Association, Ohio State University, New Salem Missionary Baptist Church, Ohio 12/ 1999 - 4/2001

**Program Developer And Facilitator Master's Project**

- Developed a ten-week, church-based, smoking cessation intervention program,
- 8 initial participants.
- Used the Health Benefit and the Stages of Change Models as the framework for the program.
- Instructed participants about smoking; cessation; health consequences; and resultant health benefits from quitting smoking.
- Provided skill building opportunities to increase participants' self-efficacy.
- Performed summative and formative program evaluation of the smoking cessation program.
- Initiated grant proposal.
- Ran the intervention twice.
- Collaborated with Celebrate Recovery, an addiction recovery program.

The American Red Cross, Ohio 9/ 1999 - 12/2002

**HIV/AIDS Educator & Counselor**

- Provided HIV/AIDS education for adolescences and adults on the disease, testing, counseling, and transmission of HIV.
- Certified through the American Red Cross in general HIV/AIDS and Cultural relevant education, testing, and counseling.

Breach Repairer's Institute New Salem Missionary Baptist Church, Ohio 7/31/1999

**Coordinator**

- Planned and coordinated a conference, Breach Repairer's Institute for 200 participants.
- Provided seminars on recovery programs for chemical addictions.

New Salem Missionary Baptist Church-Missions, Ohio 6/ 1999 - 2/2000

**Food Pantry Volunteer**

- Prepared one to two day food packages for needy individuals and families.
- Provided for the spiritual and emotional needs of the participants.

Columbus Children's Hospital, Ohio 4/ 1998 - /1999

**Child Life Activity Volunteer-Hematology/Oncology.**

- Provided activities for children with various ailments such as Sickle cell anemia and Leukemia. Activities included crafts, animal visits, and various entertainment.
- Visited bed-bound children and provided support and appropriate activities.

American Chemical Society, Ohio 1997 & 1998

**Volunteer**



- Conducted chemistry demonstrations for school age children during the National Chemistry Week.

Served ~100 children.

### **Peer Reviewed Book Chapters and Manuscripts**

Pan, X Bailey, M et al (2016) *Does Comprehensive Dementia Education Impact Self-Efficacy among Family Caregivers in the Community*. GHS Proc. November 2016; 1(2):121-125

Westat: Hilton, J, Bailey, M, Patrizzi, K, et al. (2003). Human Health Chapter 4. In EPA (Ed.), Draft Report on the Environment Technical Document. (pp.4-1 to 4-64). Washington District of Columbia, DC: US EPA Offices of Research and Development and Environmental Information.

### **Presentations/Posters/Lectures**

- Myths about Breast Cancer-National Breast Cancer Month. 10/2015
- Geriatric Health Maintenance 2013-3014
- Dementia-Types and Treatment 2014
- Infant Acute Lymphoid Leukemia. Tumor Board 4/2010
- The Basics of Analyzing Medical Research Part I 3/2010
- Zitelli Club Pediatric Infectious Disease 2/2010
- Acute Lymphoid Leukemia-Pediatrics Tumor Board 2010
- Community Baby Shower Basic Pediatrics for the Coalition of 100 Black Women 11/2009
- Pediatric Nephrology Hematuria 8/2009
- Intrauterine Growth Restriction 2008
- Bailey, M., Bhatia, S. (1995, April). A FT Raman Investigation for the Hydration Properties of 5'-GMP. Poster presented at: The American Chemical Society; Anaheim, CA.
- Bailey, M., Brown, I., Mason, T., Lu, X. (1993, December). Retinyl Palmitate Storage Form in Adult Mouse Skin. Poster presented at: American Society of Cell Biology; New Orleans, LA.
- Bailey, M., Patrizzi, K. (2003, November). An Innovative Approach Through Questionnaire Design to Collect Environmental Exposure and Health Behavior Data for the National BEACHES Pilot Study. Poster presented at: American Public Health Annual Meeting; San Francisco, CA.
- Bailey, M.J., Bhatia, S.C. (1995, April). A FT Raman Investigation for the Hydration Properties of 5'-GMP. Poster presented at: 9th National Conference on Undergraduate Research; Schenectady, NY.

### **Past and Present Memberships and Professional Societies**

American Board of Post-Acute and Long Term Care Medicine  
American Public Health Association  
American Osteopathic Association  
American College of Osteopathic Family Physicians  
Bureau Member of the American Osteopathic Association for Public Health and Scientific Affairs

Melissa Bailey-Taylor, D.O., M.P.H.

Osteopathic Graduate Medical Education Resident Representative-St. Joseph Hospital for The  
Philadelphia College of Medicine -OPTI  
Pennsylvania Osteopathic Medical Association: Residency Representative for the Young  
Physician Committee and Alternate Resident Trustee  
The American Academy of Family Medicine  
The Levi S. Kirkland Medical Society of Greenville Health System  
Infection Control Committee St. Joseph-The North Philadelphia Hospital System  
National Student Medical Association  
The Christian Medical and Dental Association-President (2 years)

### **Hobbies & Interests**

Tennis, Traveling, Girl Scouts-Helping young people, medical missions, reading

### **References**

References are available on request.