

Curriculum Vitae

Michael Matergia, MD, FAAFP

April 2020

1. Personal History

Current Positions: Clinical Faculty, Saint Joseph Family Medicine Residency;
Investigator, Center for Global Health, University of Colorado;
Senior Clinical Instructor, Department of Family Medicine, University of Colorado
Chief Executive Officer, Broadleaf Health & Education Alliance

Name: Michael Anthony Matergia

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Office Address: Center for Global Health, 13199 E Montview Boulevard, Suite 310-14,
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Place of Birth: East Stroudsburg, PA

2. Education

2002 – 2006 BA with Distinction in History, Magna Cum Laude, University of Pennsylvania, Philadelphia, PA

2008 – 2013 MD, Harvard Medical School, Boston, MA

2013 – 2014 Intern in Family Medicine, SCL Health – Saint Joseph Hospital, Denver, CO

2014 – 2016 Resident in Family Medicine, SCL Health – Saint Joseph Hospital, Denver, CO

2016 – 2017 Fellow in Global Health, University of Colorado, Aurora, Co

2016 – Certificate in Global Public Health, University of Colorado, Aurora, CO

3. Academic Appointments

2016 – 2017 Instructor-Fellow, Department of Family Medicine, University of Colorado, Aurora, CO

2016 – 2017 Junior Clinical Faculty, Saint Joseph Family Medicine Residency, SCL Health, Denver, CO

2017 – Clinical Faculty, Saint Joseph Family Medicine Residency, SCL Health, Denver, CO

2017 – 2020 Clinical Instructor, Department of Family Medicine, University of Colorado, Aurora, CO

2017 – Investigator, Center for Global Health, Colorado School of Public Health, University of Colorado, Aurora, CO

2020 – Senior Clinical Instructor, Department of Family Medicine, University of Colorado, Aurora, CO

4. Hospitals, Government and Other Professional Positions

2011 – 2013 Executive Director, Broadleaf Health & Education Alliance, Stroudsburg, PA
 2011 – 2012 Fellow, American India Foundation W.J. Clinton Fellowship for Service, Darjeeling, India
 2013 – 2017 Director of Health, Broadleaf Health & Education Alliance, Stroudsburg, PA
 2014 – Advisor, Broadleaf India, Darjeeling, India
 2015 – Health Consultant, 360+ Leadership Collective, San Francisco, CA
 2016 – Attending Physicians, SCL Health – Saint Joseph Hospital, Denver, CO
 2016 – Locum Tenen Physician, Docs Who Care, Olathe, KS
 2016 – 2017 Independent Medical Examiner, DES, Littleton, CO
 2017 – 2020 Executive Director, Broadleaf Health & Education Alliance, Stroudsburg, PA
 2020 – Chief Executive Officer, Broadleaf Health & Education Alliance, Stroudsburg, PA

5. Honors, Special Recognition, and Awards

2006 Phi Beta Kappa, University of Pennsylvania
 2010 Target School Scholarship of the Massachusetts Academy of Family Physicians
 2011 Harvard University Sheldon Traveling Fellowship
 2013 Presidential Scholars – Public Service Initiative, Harvard Medical School
 2013 AbundanceFound Global Health Loan Forgiveness Initiative, Harvard Medical School
 2016 Thomas J. Kail MD Award, Saint Joseph Family Medicine Residency
 2016 Resident of the Year, Colorado Academy of Family Physicians
 2019 Degree of Fellow, American Academy of Family Physicians

6. Membership in Professional Organizations

2009 – American Academy of Family Physicians
 2010 – 2013 Massachusetts Medical Society

7. Major Committee and Service Responsibilities

A. International

2019 – Technical Advisor to the UDAAN Initiative and District Mental Health Programme of Nagpur of the Tata Trusts

B. Faculty (Saint Joseph Family Medicine Residency)

2016 – 2018 Red Team – Multi-disciplinary Quality Improvement Team
 2016 – 2018 Community Medicine Curriculum Committee
 2016 – 2018 High Risk Obstetrics Training Workgroup

2017 –	Faculty Education Committee
2017 – 2018	Bruner Family Medicine Quality Improvement Steering Committee
2017 –	Addiction Medicine Workgroup
2017 – 2018	Website Revamp Workgroup
2018 –	Behavioral Health Elective Workgroup
2018 –	The Clinic Binder Workgroup
2018 –	GME Suboxone Clinic Workgroup
2018 –	Bruner Community Cares Connection, a CHW-led multidisciplinary care program for complex patients
2020–	Physician lead for GME Medication Assisted Treatment (MAT) Clinic

C. Residency (Saint Joseph Hospital)

2014 – 2016	Milestones Committee
2014 – 2016	Community Medicine Redesign Committee
2014, 2016	Faculty Hiring Committee
2015– 2016	Elective Process Improvement Workgroup
2015– 2016	Call Coverage and Absence Policy Committee

D. Medical School (Harvard Medical School)

2009 – 2013	Co-leader, Family Medicine Interest Group
2008 – 2013	Member, Students for Global Health

8. Licensure and Board Certification

2015, 2017	Colorado State Medical License
2015, 2017	DEA Controlled Substance License (DATA Waived Physician)
2016	Diplomate, American Board of Family Medicine

9. Inventions, Intellectual Property, and Patents Held

License Holder, Tealeaf - Mansik Swastha
License Holder, Comprehensive Health and Hygiene Improvement Program

10. Review and Referee Work

11. Invited Extramural Lectures, Presentations and Visiting Professorships

2011	“Privatization of Higher Education and Entry of Foreign Universities in India: The Legal Challenges.” International Seminar Keynote Panel, University of North Bengal, Siliguri, India.
2013	“Introducing Broadleaf.” Broadleaf Stroudsmoor Gala, Stroudsburg, PA
2013	“Introducing Family Medicine.” Harvard Medical School FMIG Career Panel. Boston, MA.
2014	“Shared Connections.” AIF Annual Gala Keynote Address, Chicago, IL.

- 2015 “Tobacco Cessation at Bruner Family Medicine.” Colorado Residency PCMH Project Learning Collaborative, Denver, CO.
- 2015 “Impact in the Eastern Himalayas.” Broadleaf Stroudsmoor Gala, Stroudsburg, PA.
- 2016 “Broadleaf Mental Health.” APA Psychiatry Innovation Lab, Washington, D.C.
- 2017 "Navigating Your Fellowship & Beyond." AIF Fellowship Midpoint Conference, Bandipur, India.
- 2017 "Professionalism & Service." AIF Fellowship Midpoint Conference, Bandipur, India.
- 2017 “10 Years in Darjeeling: Creating a Partnership for Community Engagement and Impact in the Eastern Himalayas.” University of Colorado Global Health Lecture Series, Aurora, CO.
- 2020 “Accountability, Legitimacy and Results: Enabling Global Health NGOS to Realize their Potential.” University of Colorado Global Health NGO Management Seminar, Denver, CO.

12. Teaching Record

A. Major Presentations

- 2014 “Pediatric Asthma Management.” Noon Conference, Saint Joseph Family Medicine Residency.
- 2015 “Catastrophic Appendicitis in a Young Female.” Morning Report, Saint Joseph Family Medicine Residency.
- 2015, 2017 –2019 “Management 101.” R2 Leadership Conference, Saint Joseph Family Medicine Residency.
- 2015 “Lung Cancer Screening: NLSCT.” Journal Club, Saint Joseph Family Medicine Residency.
- 2015 Influenza Vaccination – the Evidence.” Noon Conference, Saint Joseph Family Medicine Residency.
- 2016 “Withdrawal of Steroids in COPD.” Journal Club, Saint Joseph Family Medicine Residency.
- 2017 “10 Years in Darjeeling: Creating a Partnership for Community Engagement and Impact in the Eastern Himalayas.” Noon Conference, Saint Joseph Family Medicine Residency.
- 2017 “Module 8: Nutrition and Malnutrition.” Pediatrics in Disasters Course, Colorado School of Public Health.
- 2018 “Postpartum Hemorrhage.” Academic Half-day, Saint Joseph Family Medicine Residency
- 2018 “Medication-Assisted Treatment of Substance Use Disorders.” Primary Care Lecture Series, Saint Joseph Obstetric and Gynecology Residency.
- 2019 “Professional Identity: Who We Are & Who We Want to Be.” Academic Half-day, Saint Joseph Family Medicine Residency
- 2020 “Substance Use Disorder and Medication-Assisted Treatment in Primary Care.” Primary Care Lecture Series, SCL Health Medical Group

B. Specific Accomplishments

- 2018 Co-developed “Behavioral Health Elective” for Saint Joseph Family Medicine Residency.
- 2018 Co-developed “High-risk Obstetrics” Academic Half-day for Saint Joseph Family Medicine Residency.
- 2018 Co-developed “GME Suboxone Clinic” for Saint Joseph Family Medicine and Internal Medicine Residency
- 2018 Co-developed “Bruner Community Cares Connection (BC3)” a CHW-led multidisciplinary care program for complex patients at Bruner Family Medicine
- 2019 Co-developed “Professional Identify: Who We Are & Who We Want to Be” Academic Half-day for Saint Joseph Family Medicine Residency

C. Clinic Attending Duties

- 2016 – Supervision and bedside teaching of residents and medical students, Bruner Family Medicine Clinic (including prenatal care and MAT for substance use disorders) and Saint Joseph Hospital (including intensive and obstetrical care), ~30 hours/week.

*C. Trainees and Mentees**Residents (Saint Joseph Family Medicine Residency)*

- 2017 – 2020 Robert Martin
- 2018 – 2019 Bonnie Smith, Craig Erickson
- 2019– Meghan Keane
- 2020– Katrina Hulen

Graduate Students

- 2017 – 2018 Bijita Chowdhury (Practicum, Capstone; Colorado School of Public Health)
- 2018 –2019 Matthew Campbell (Capstone; Colorado School of Public Health)
- 2019– Abhishek Rauniyar (Practicum, Capstone; Colorado School of Public Health)
- 2020– Linh Nguyen (Mentored Scholarly Activity, UoC School of Medicine)

Fellows (American India Foundation WJ Clinton Fellowship for Service in India)

- 2012 – 2013 JC Kollmorgen, Arunima Naithani
- 2013 – 2014 Meraj Ahmed, Megan Casebolt
- 2014 Miriam Hartmann
- 2015 – 2016 Fatima Salman
- 2016 – 2017 Yasin Khan

International Development Interns (Broadleaf Health and Education Alliance)

- 2012 Vishaal Chhabria
- 2013 Daisy Karlson, Diego Fernandez
- 2014 Elizabeth Pierce

13. Grant Support

Mariwalla Health Initiative, September 2019

TeaLeaf: Teachers Leading the Frontlines: Improving access to children's community mental health by meeting children in schools, where they are, every day

Co-Investigator, 0.2 FTE

Total Award, \$155,000 over three years

Thrasher Research Fund, December 2019

Acceptability of Task-shifting Children's Mental Health Care to Classroom Teachers in Darjeeling

Co-Investigator, 0.1 FTE

Total Award, 26,750 over two years

American Academy of Child and Adolescent Psychiatry (AACAP), July 2019

Acceptability of Children Receiving Task-shifted Mental Health Care from Teachers

Co-Investigator, 0.1 FTE

Total Award, 30,000 over one year

Saint Joseph Hospital Foundation, October 2018

Data-driven Community-based Care for Patients with Complex Health and Social Needs

Principle Investigator, 0.1 FTE

Total Award, \$20,000 over 1 year

SCL Health Innovation Challenge, June 2018

Data-driven Community-based Care for Patients with Complex Health and Social Needs

Principle Investigator, 0.2 FTE

Total Award, \$136,000 over 10 months

American Academy of Child and Adolescent Psychiatry (AACAP) Pilot Research Award, June 2017

Task-Shifting Children's Mental Health Treatment to Classroom Teachers in the Eastern Himalayas.

Co-investigator, 0.2 FTE

Total Award \$15,000 over 14 months

Adventures for the Mind Foundation, December 2016

CHHIP – Girls' Health Empowerment Workshop

Project Lead

Total Award \$5000 over 1 year

Mattioli Foundation, May 2017

Comprehensive School Health

Project Lead

Total Award \$2,500 over 1 year

Mattioli Foundation, May 2015
Comprehensive School Health
Project lead
Total Award \$5,000 over 1 year

Teabox, December 2014
Corporate social responsibility
Project Lead
Total Award ~\$2,000 / 1 lakh INR over 3 years

Harvard University Dean's Health & Life Sciences Challenge, April 2013
Integrating Care for Children with Mental Health Needs into a Model for Comprehensive School Health in Rural India.
Project Lead
Total Award \$12,500 over 1 years

Mattioli Foundation, December 2012
Comprehensive School Health
Project Lead
Total Award \$5,000 over 1 year

14. Bibliography

A. Papers published in peer-reviewed journals

1. **Matergia M**, Ferrarone P, Khan Y, et al. Lay Fieldworker–Led School Health Program for Primary Schools in Low- and Middle-Income Countries. *Pediatrics*. 2019; 143(4):e20180975.

B. Peer-reviewed presentations at scientific meetings

1. **Matergia, M.**, Jones, D. (2009 Sept). “Epidemiologic History of Heart Disease in the Developing World.” Poster Presented at: Some Weiss Research Day, Harvard Medical School; Boston, MA.
2. **Matergia, M.** (2014 Sept). “Child Mental Health in the Eastern Himalayas: Designing a System of Care.” Oral Presentation at: American Academy of Family Physicians Global Health Workshop; San Diego, CA.
3. **Matergia, M.**, Schaffer, L., Kondrad, E. (2015 May). “Revitalizing Community Medicine Curriculum.” Poster Presented at: Rocky Mountain Research Forum. Denver, CO.
4. **Matergia, M.**, Schaffer, L., & Kondrad, E. (2015 April). “Revitalizing Community Health Curriculum.” Roundtable Discussion at: Society of Teachers of Family Medicine Annual Spring Conference; Minnieapolis, MN.

5. Giri, P., **Matergia M.**, & Cruz C. (2016 Dec). "Broadleaf Behavioral Health: Integrating Child Mental Health into a Comprehensive School Health Program in the Darjeeling Hills." Poster Presented at: National Conference in Bridging the Mental Health Treatment Gap: Innovations in Mental Health Care in India; Panaji Goa.
6. Robbins, SA., Erickson, C., Hersh, J., Sandhu, S., **Matergia, M.**, Kondrad, E., Davis, M., & Weast, J., (2018 May). "Practical Toolkit for Management of Substance Use Disorders in an Urban Primary Care Clinic." Oral Presentation at: Rocky Mountain Research Forum. Denver, CO.
7. McCarty, A., Bovet, C., Iyer, T, Harper, M., Seitz, K., Olsen, B., Burdick, J. & **Materiga, M.** (2018 Dec). "Novel approach to improving clinic-related communications at the point of care in a residency clinic." Poster Presented at: Society for Teachers of Family Medicine Conference on Practice Improvement; Tampa, FL.
8. **Matergia, M.**, Kondrad, E. (2019 May). "Breaking Down Barriers to Implment a Buprenorphine Clinic in the Residency Setting. Roundtable Presentation at: STFM Annual Spring Conference; Toronto, ON.
9. Rand, E., **Matergia, M.** (2019 May). "Data-Driven Community-Based Care for Patients With Complex Health and Social Needs." Works-in-Progress Poster Prested at: STFM Annual Spring Conference; Toronto, ON.
10. Campbell, M., Lamb, M., Cruz, C., Giri, P., **Matergia, M.** (2019 May). "Efficacy of a Brief Tool to Assist Teacher Identification of Children with Mental Health Challenges in LMICs." Poster Presented at: ACPM Prevention 2019; Pittsburgh, PA.
10. Cruz, C., **Matergia, M.**, Ferrarone, P., Vanderburg, J.L., Giri, P., Bhattarai, S. (2019 Oct). "Task-shifting children's mental health treatment to classroom teachers: Qualitative assessment of a pilot intervention in India." Poster Presented at: North Carolina School Psychology Association Fall Conference, Wilmington, NC.
11. Cruz, C., Lamb, M., Campbell, M., Hampanda K., Giri, P., Giardina, A., Chowdhury, B., **Matergia, M.** (2019 Oct). "Teachers Identifying Children's Mental Illness in a Task-Shifting Intervention in India." Poster Presented at: AACAP's 66th Annual Meeting; Chicago, IL.
12. Olsen, B., Aparacio, J., Cunningham, J., Moore, K., Herman, E., **Matergia, M** (2019 Nov) "Data-driven community-based care for patients with complex health and social needs." Works-in-Progress Poster Presented at: 47th NAPCRG Annual Meeting; Toronto, ON.
13. **Matergia, M.**, Olsen, B., Fosmire, W., Hainz, B., Shreibman, W., Kondrad, E. (2020 August). "Who We Are and Who We Want to Be: Engaging Residents Around Professional Identify." Seminar Presented at: STFM Annual Spring Conference; Salt Lake City, UT.

C. Other publications, non-published document, reports, research, or policy papers

1. **Matergia, M.** (2006). Cambodian Buddhism and Democratic Kampuchea: The Persistence of Religion during the Cambodian Genocide. Unpublished B.A. thesis, University of Pennsylvania, Philadelphia, PA.
2. **Matergia, M.** (2007). Healthcare at Makaibari Tea Estate: An overview of basic health services. Internal Consulting Report: unpublished.
3. **Matergia, M.** (2007). Assessment of Health Issue in Health and Health Care at Makaibari Tea Estate with Recommendations for Improvement. Internal Consulting Report: unpublished.