

CURRICULUM VITAE
Fadya El Rayess, MD, MPH

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EDUCATION

Undergraduate:	Cornell University, BA Anthropology & Biology, Cum laude	1991
Medical School:	George Washington University School of Medicine MD, MPH – Health Promotion	1996

POSTGRADUATE TRAINING

Residency:	University of New Mexico Albuquerque, New Mexico Family Medicine	1996-1999
<u>Fellowship:</u>	Brown University Family Medicine Leadership Fellowship Program Pawtucket, Rhode Island	2006-2007
	University of Massachusetts Medical School Teaching of Tomorrow Faculty Development Program	2005-2006

POSTGRADUATE HONORS AND AWARDS

Alpert Medical School at Brown Dean's Excellence in Teaching Award For Clinical Teaching	2023
Brown Family Medicine Chair's Award for Work on Diversity	2022
Rhode Island Monthly Top Doctor in Family Medicine	2021
Induction into Alpert Medical School at Brown University Alpha Omega Alpha Chapter	2020
Leonard Tow Humanism in Medicine Award, Arnold P Gold Foundation	2019
Brown Family Medicine Chair's Excellence in Teaching Award	2018
Mentorship Award in Diversity and Equity in Medicine	2017

Alpert Medical School at Brown Dean's Excellence in Teaching Award For Clinical Teaching	2017
Alpert Medical School at Brown Dean's Excellence in Teaching Award For Clinical Teaching in the Family Medicine Clerkship	2017
Distinguished paper award at the Society of Teachers of Family Medicine for: <i>Mark, Set, Go! School-Based Nutrition and Physical Activity Program: a 5-Year Evaluation.</i>	2014
Alpert Medical School at Brown Dean's Excellence in Teaching Award For Clinical Teaching	2014
RI AHEC & Brown Medical School Department of Family Medicine Certificate of Appreciation	2010
Rhode Island Governor's Award for Distinguished Achievement in Wellness	2009
Quality Partners Award for Innovations in Medicine – Office Practice	2007
National Health Service Corps Scholarship	1999-2001
William H. Wiese Award for Excellence in Community Medicine	1999
Robert K. Cole Memorial Award for Community Service	1996

DIVERSITY, EQUITY AND INCLUSION WORK

DEI Committees

- Association of Family Medicine Residency Directors, DEI Committee 2019-present
- Brown Family Medicine Residency DEI Committee 2017-present
- Member of Brown Council for Diversity in Medicine, 2017-2022
- Member, Society of Teachers of Family Medicine, 2010-present
Minority & Multicultural Collaborative

DEI Curriculum Development and Teaching

- Brown Family Medicine Faculty Anti-Racism Group. I was one of the founders and co-facilitators of the group. The group met every 4-6 weeks for 2 hours in the evening from 2019 to 2022.
- Brown Family Medicine Residency Racial Affinity Caucusing. I supported two faculty members, Chelsea Graham, DO and Gillian Morris, MD, who implemented this anti-racism strategy within the residency in 2019. We are continuing to hold caucusing sessions at least quarterly for the residents.
- National Residency Racial Affinity Caucusing implementation and collaboration. Together with colleagues from other family medicine residency programs that have incorporated RAC into their departments and residency training, we are preparing a manuscript detailing our experiences. Weidner A, Hohl SD, Guh J, Shih G, White-Davis T, **El Rayess F**, Edgoose JYC. Advancing Anti-Racism in the Family Medicine Workforce: A Multisite Case Study of Racial Affinity Caucusing in Five U.S.-based Academic Family Medicine Settings. Being prepared for submission to *Academic Medicine*.
- DEI Milestones for Residency Programs: Alongside ten other members of the Association of Family Medicine Residency Directors (AFMRD), DEI Committee, I helped develop the diversity, equity and inclusion milestones. This tool is being used by

family medicine residencies to assess their DEI efforts and as a roadmap for future endeavors. We have one publication and one manuscript under review.

- Ravenna PA, Wheat S, **El Rayess F**, Martonffy AI, Marshall C, Tepperberg S, Friedman RSC, Barr, WB. “DEI Milestones: Creation of a Tool to Evaluate Graduate Medical Education Programs. *Journal of Graduate Medical Education*. 2022 April 14.
- Wheat SJG, Wright K, Martonffy AI, Tepperberg S, Ravenna PA, Waits JB, **El Rayess F**. Baseline Evaluation of Family Medicine Residency Programs for Diversity, Equity, and Inclusion Milestones. Submitted to *Family Medicine*.
- Supported development and implementation of Gender Affirming primary care at the faculty/residency clinic in 2018. Our gender clinic and curriculum continues to train residents in Gender Affirming Care. For the last three years 15/16 graduates state that they intend to provide gender affirming care in their practice.
- Co-Course Director of RI Transgender Medicine Conference, 2014-2019
- Annual Workshop Leader: *Care of LGBT Patients, Rainbow Caduceus Workshop*, AMS Brown University, 2012- 2019

DEI Brown FM Residency Initiatives that I have led

- Spanish Language tutoring and intern intensive 2022 to present
- Advocated for appointment of and protected time for Department of FM DEI Director, 2021. Dr. Marian Younge hired in 2022. Dr. Mel Ochoa-Trochez funded on HRSA grant for Departmental DEI work.
- Holistic Applicant Review and Rubric initiated in 2019 to present
- Clinical Departmental Diversity and Inclusion Action Plan (DDIAP), 2019 to present
- Affinity Groups initiated and supported for BIPOC and LGBTQ FM residents and faculty 2019-present
- Health Equity Curriculum 2015 to present

DEI Awards

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| ● Brown Family Medicine Chair’s Award for Work on Diversity | 2022 |
| ● Mentorship Award in Diversity and Equity in Medicine | 2017 |

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Rhode Island State Medical License,	1999-present
Board Certified, American Board of Family Practice	1999-2026
Advanced Cardiac Life Support	2016-2024
Neonatal Resuscitation Program Certificate	2013-2015
Advanced Life Support in Obstetrics	1997-2002

ACADEMIC APPOINTMENTS

Associate Professor of Family Medicine, Clinician Educator Alpert Medical School of Brown University	2017- present
Adjunct Associate Professor of Family Medicine, University of New England, College of Osteopathic Medicine	2022- present

Assistant Professor of Family Medicine (Clinical) Alpert Medical School of Brown University	2006-2017
Adjunct Assistant Professor of Family Medicine Boston University	2008-2009
Clinical Instructor of Family Medicine Alpert Medical School of Brown University	2004-2006

HOSPITAL APPOINTMENTS

Active Hospital Privileges, Kent Hospital of Rhode Island	2018-present
Active Hospital Privileges, Miriam Hospital of Rhode Island	2016-present
Active Hospital Privileges, Memorial Hospital of Rhode Island	2002- 2018
Active Hospital Privileges, Landmark Medical Center	1999-2002

OTHER APPOINTMENTS

Employment

Residency Program Director, Brown Family Medicine Residency	2017-present
Associate Director, Brown FM Faculty Dev for Global Health Fellowship	2019-2022
Director of Brown Family Medicine Faculty Development for Global Health Fellowship	2014-2019
Associate Residency Director, Brown Family Medicine Residency	2013-2017
Assistant Residency Director, Brown Family Medicine Residency	2012-2013
Co-Director of Brown Family Medicine Faculty Development for Global Health Fellowship	2012-2014
Medical Director, Chad Brown Health Center, Providence, RI	2004-2011
Deputy Director, Lesotho Family Medicine Specialty Training Program, Leribe, Lesotho	2008-2009
Clinic Physician, Chad Brown Health Center, Providence, RI	2003-2011
Clinic Physician, Blackstone Valley Community Health Center Pawtucket, RI	2002-2003
Clinic Physician, Thundermist Health Associates, Woonsocket RI	1999-2002

Other:

Co-Director, Concentration on Caring for Underserved Communities Alpert Medical School of Brown University (4-8 hrs per month)	2011-present
Clinic Physician, Planned Parenthood (2.5hrs a week)	2012-present
Volunteer Physician, <i>Clinica Esperanza</i> (4hrs once a quarter)	2012-present

JOURNAL REVIEWER

Journal of Health Care for the Poor and Underserved
American Family Physician

HOSPITAL COMMITTEES

Member of Graduate Medical Education Committee, Kent Hospital of RI	2018-present
Member of Care New England Education Committee	2020-present
Member at Large, Medical Executive Committee, Kent Hospital of RI	2021-2023
Member of Memorial Hospital Physician Staff Nominating Committee	2016-2018
Member of Care New England Graduate Medical Education Policy Work Group	2015-2018
Member of Patient Safety and Outcomes Committee, Memorial Hospital of RI	2014-2018
Member of Graduate Medical Education Committee, Memorial Hospital of RI	2014-2018

UNIVERSITY COMMITTEES

Member Global Health Initiative Executive Committee, Brown University	2012-2022
Member of Brown Council for Diversity in Medicine	2017-2022

COMMUNITY/REGIONAL COMMITTEES

Family Medicine Education Consortium Host Committee	2023-present
Board of Directors, <i>Clinica Esperanza</i>	2017-2018
Member of Board of Directors, Rhode Island Academy of Family Physicians	2012-2018
Member of Education Committee, Rhode Island Academy of Family Physicians	2012-2018
Founding Member and Board Member of AIDS Orphan Care	2009-present
Member of Clinical Leadership Committee, RI Health Center Association	2004-2011
Member of NHPRI Clinical Affairs Committee	2007-2008
Member of RI AHRQ Health IT Project Steering Committee	2005-2008
University of New Mexico Education Committee Member	1996-1999

NATIONAL COMMITTEES

Association of Family Medicine Residency Directors Diversity and Inclusion Committee	2019-present
Society of Teachers of Family Medicine, Minority & Multicultural Collaborative	2010-present
Society of Teachers of Family Medicine, Global Health Collaborative	2010-present
Education Committee, Capacity Building Subcommittee Member, Consortium of Universities for Global Health	2017-2018
Chair, Group on Global Health, Society of Teachers of Family Medicine	2015-2016
Chair-elect, Group on Global Health, Society of Teachers of Family Medicine	2014-2015
Program Chair, Group on Global Health, Society of Teachers of Family Medicine	2013-2014
National Co-Coordinator AMSA Standing Committee on Women in Medicine	1995-1996
American Medical Student Association (AMSA), Executive Board Member and Region III Co-Trustee, AMSA	1994-1995

MEMBERSHIP IN SOCIETIES

Association of Family Medicine Residency Directors	2012-present
Society of Teachers of Family Medicine	2010-present
Rhode Island Academy of Family Physicians	1999-present

PUBLICATION LIST

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. East J and **El Rayess F**. "Pediatricians' approach to the health care of lesbian, gay, and bisexual youth." *Journal of Adolescent Health*. 1998 Oct;23(4):191-3
2. Mennillo H and **El Rayess F**. "Successes and challenges to implementing an early childhood supplemental feeding program in rural Honduras. *Rhode Island Medical Journal*. 2014. April; 97(4): 19-23
3. Anthony D, **El Rayess F**, Esquibel AY, George P and Taylor J. "Building a workforce of physicians to care for underserved patients. *Rhode Island Medical Journal*. 2014. Sept; 97(9):31-35
4. Colon-Gonzalez M, **El Rayess F**, Guevara S and Anandarajah G. Successes, challenges and needs regarding rural health medical education in continental Central America: a literature review and narrative synthesis. *Rural and Remote Health*. 15:3361. (Online) 2015.
5. Anandarajah A, Gupta P, Jain N, **El Rayess F** and Goldman R. Scholarly development program for primary care residents. *Clinical Teacher*. 2016 Jan 22.
6. **El Rayess F**, Goldman R, Anandarajah A, Furie C and Chandran R. "PCMH Level-3 is just the first step: resident and faculty PCMH knowledge and attitudes after NCQA Certification." *J Graduate Medical Education*. 2015 Dec;7(4):580-8
7. Anandarajah G, Furey C, Chandran R, Goldberg A, **El Rayess F**, Goldman R. "Effects of adding a new PCMH block rotation and resident team to existing longitudinal training within a certified PCMH: primary care residents' attitudes, knowledge and experience. *Advances in Medical Education and Practice*. 2016 Aug;7:457-466
8. Gandhi M, Feller E, **El Rayess F**. "Art and movement in nutrition education." *Medical Education*. 2016 Nov; 50(11):1160
9. **El Rayess F**, Filip A, Doubeni A, Wilson C, Haq C, Debay M, Anandarajah G, Heffron W, Jayasekera N, Larson P, Dahlman B, Valdman O, Hunt V. "Family medicine global health fellowship competencies: a modified Delphi study." *Family Medicine*. 2017 Feb; 49(2):106-113
10. **El Rayess F**, Gandhi M, Mennillo H. "Mark, Set, Go! School-Based Nutrition and Physical Activity Program: a 5-Year Evaluation." *Rhode Island Medical Journal*, 2017 Feb; 100(2): 30-44.
11. DeAndrade S, **El Rayess F**, Goldman R. "Perspectives on Hypertension in the New England Cape Verdean Community." *Journal of Racial and Ethnic Health Disparities*. 2017, March 10. (published on-line)
12. Johnson EM, Szkwarko D, Evansen AE, Klee D, Valdman O, Cayley W, **El Rayess F**. "An Assessment of International Family Medicine Faculty Development Priorities – Perspectives from the AAFP Global Health Workshop." PRIMER on line journal. 2017 Aug 31. (published on-line)
13. Namek S, Sahhar F, Kureshi S, **El Rayess F**, Mishori M. Integrating refugee doctors into host health-care systems. *Forced Migration Review*. 2018 June; 58: 16-19.

14. Ravenna PA, Wheat S, **El Rayess F**, Martonffy AI, Marshall C, Tepperberg S, Friedman RSC, Barr, WB. "DEI Milestones: Creation of a Tool to Evaluate Graduate Medical Education Programs. *Journal of Graduate Medical Education*. 2022 April 14.
15. Szkwarko D, Green C, GoldmanR, Nothnagle M, Czech S, Roberts M, Brown J, **El Rayess F**. "Improving pediatric care and resident education in a family medicine clinic: a mixed-methods process evaluation: From HRSA grant to practice." *Rhode Island Medical Journal*. 2022, May; 24-29.
16. Gallo Marin B, Maymone MBC, **El Rayess F**, Telang GH. "Kaposi sarcoma associated with tofacitinib use in a patient with rheumatoid arthritis." *Rhode Island Medical Journal*. 2023, Aug. *In press*

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Elkin P and **El Rayess F**. "Lesotho opens family medicine specialty training program." *WONCA News*. 2008, Dec; 34(6): 13-14
2. Goldman R, Szkwarko D, **El Rayess F**. Brown Family Medicine Residency Receives 2.4 Million Award from the Health Resources and Services Administration. *Rhode Island Family Medicine Journal*. 2020 Summer; 23: 14-15.
3. **El Rayess F**. "Rhode Island Family Medicine Residencies Combine and Maintain Two Exciting Tracks." *Rhode Island Family Medicine Journal*. 2020 Summer; 23: 8-9.

PUBLICATIONS SUBMITTED OR IN PREPARATION

1. Wheat SJG, Wright K, Martonffy AI, Tepperberg S, Ravenna PA, Waits JB, **El Rayess F**. "Baseline Evaluation of Family Medicine Residency Programs for Diversity, Equity, and Inclusion Milestones." under revision, *Family Medicine*.
2. Weidner A, Hohl SD, Guh J, Shih G, White-Davis T, **El Rayess F**, Edgoose JYC. Advancing Anti-Racism in the Family Medicine Workforce: A Multisite Case Study of Racial Affinity Caucusing in Five U.S.-based Academic Family Medicine Settings. Being prepared for submission to *Academic Medicine*.

ABSTRACTS

1. **El Rayess F**. *Working with People Living with HIV/AIDS*," AMERICORPS workshop, Washington, D.C. 1996.
2. **El Rayess F**. *Exploring Diversity in Medicine*, American Medical Student Association A Leadership Conference on Exploring Diversity, San Francisco, CA, July 1997.
3. **El Rayess F**. *Breastfeeding Decline Among Vietnamese Immigrant Women*, New Mexico Public Health Association Annual Conference, April 1999.
4. **El Rayess F**. *Designing Relevant Curricula for Emerging Family Medicine Residencies in Resource Limited African Settings*." Society of Teachers of Family Medicine, National Conference April 2010.
5. **El Rayess F**. *Developing a Family Medicine Residency Global Health Track: Practical and Ethical Considerations*. Breakfast Discussion. Family Medicine Education Consortium Northeast Region Meeting. October 2011

6. **El Rayess F**, Goldman R, Anandarajah G. *Our Patient-Centered Medical Home Residency Curriculum is Ready, but are Faculty Fully On-Board?* Completed Projects Presentation. Society of Teachers of Family Medicine, National Conference April 2012
7. **El Rayess F**, Taylor, J. *Longitudinal Scholarly Concentration Curriculum in Care for the Underserved*. Scholarly Activity Roundtable. Society of Teachers of Family Medicine, National Conference. April 2012
8. **El Rayess F**, Dahlman B, Loeliger S, Gibson J, Anandarajah G. *Workshop on Global Health Fellowships*. AAFP Global Health Conference, September 2012
9. **El Rayess F**, Anandarajah A, Bryan H, Goldman R. *Building a scholarly development curriculum: How do we make it practical and meaningful for residents?* Seminar. Society of Teachers of Family Medicine, National Conference. May 2013.
10. **El Rayess F**, Dahlman B, Loeliger S, Gibson J, Anandarajah G. *So you want to start a Global Health FM Fellowship: practical considerations*. Lecture, Society of Teachers of Family Medicine, National Conference. May 2013
11. Philip A, **El Rayess F**, Anandarajah G. *Core Content of Global Health Fellowships: A Systematic Review Comparing Family Medicine with Other Specialties*. Poster presentation, AAFP Global Health Conference, October 2013
12. **El Rayess F**. *Mark, Set, Go! School-Based Nutrition and Physical Activity Program: a 5-Year Evaluation*. Distinguished Paper, Society of Teachers of Family Medicine, National Conference. May 2014.
13. **El Rayess F**, Evans D, Ryan M, Nokes K. *Training Students to Care for Underserved Populations: Aligning Mission, Values, and Vocation*. Seminar presentation, Society of Teachers of Family Medicine, National Conference. May 2014.
14. Nguyen B, Mishori R, Dahlman B, Hasnain M, Brocato J, Pfeifle A, Hogan L, **El Rayess F**, Larson P. *Strengthening Family Medicine Faculty Development: Needs Assessment to Guide Countries Where the Specialty Is Emerging*. Society of Teachers of Family Medicine, National Conference. May 2014.
15. **El Rayess F**, Goldman R, Anandarajah A. *Integrating Health Disparities and Population Health in to Family Medicine Residency Education*. Society of Teachers of Family Medicine, National Conference. May 2014.
16. Plumb E, Filip A, Dahlman B, Anandarajah A, **El Rayess F**. *Global Health Family Medicine Fellowships: Collaborations and Practical Considerations*. Society of Teachers of Family Medicine, National Conference. May 2014.
17. **El Rayess F** and Filip A. *Competences for family medicine global health fellows*. AAFP Global Health Conference, La Jolla, CA September 11th, 2014
18. Colon-Gonzalez MC, Guevara S, **El Rayess F**. *How do Central American medical schools prepare graduates for rural health?* AAFP Global Health Conference, La Jolla, CA September 13th, 2014
19. **El Rayess F**, Goldburtt A, and Gandhi M. *Out of the Clinic into the Community: How to Create a Service Learning School-based Residency Education Program*. Seminar presentation at Society of Teachers of Family Medicine, National Conference. April 2015.
20. **El Rayess F**, Martinez-Bianchi V, and Wilson C. *Teaching across the globe: adapting teaching styles to goals of teaching in the global context*. Case studies presentation, AAFP Global Health Workshop, October 2015.

21. **El Rayess F**, Kahn M, and Gandhi M. *Out of the Clinic into the Community: How to Create a Service Learning School-based Residency Education Program*. Seminar presentation at Family Medicine Education Consortium, October 2015
22. **El Rayess F**, “Rainbow Caduceus Pin Project: An Interactive Workshop to Improve Learner Knowledge and Confidence in Caring for LGBTQ Patients” workshop presentation at Family Medicine Education Consortium October 2015
23. Drutchas A, Filip A, **El Rayess F**. *Building capacity for transgender care in Rhode Island: an interdisciplinary primary care approach*. Lecture presentation at Society of Teachers of Family Medicine, National Conference. May 2, 2016.
24. **El Rayess F**, Nothnagle M, Brown J, Stebbins P, Nash J, Chandran R, Goldman R. *Transforming our PCMH to include a focus on the needs of children and adolescents: curriculum development and baseline evaluation*. Works in progress presentation, Society of Teachers of Family Medicine, National Conference. May 3, 2016.
25. **El Rayess F**, Martinez-Bianchi, Siegert N, Jarrell K. *Teaching across the globe: the importance of culture and teaching style in global health*. Breakfast round table presentation, Society of Teachers of Family Medicine, National Conference. May 3, 2016.
26. **El Rayess F**, Evensen AE, Szkwarko D, Cayley B, Klee D, Valdman O, Johnson E. “*Global Faculty Development Tool Kit*.” AAFP Global Health Workshop presentation Sept 8, 2016.
27. Szkwarko D, Kamau PB, **El Rayess F**, Valdman O, Chege P. “*Virtual Journal Club: A Unique Way to Expand a Family Medicine: Collaboration in Western Kenya*.” AAFP Global Health Workshop oral presentation, September 8, 2016.
28. Jarrell K, Kamau PB, Szkwarko D, **El Rayess F**, Chege P. *Educational Intervention for Improvement in Understanding Research Design among Kenyan Masters of Family Medicine Candidates*. AAFP Global Health Workshop oral presentation, September 9, 2016.
29. Stebbins P, **El Rayess F**, Nothnagle M, Brown J, Nash J, Chandran R, Goldman R. *Transforming family-centered primary care for children and adolescents in underserved communities: a baseline assessment of needs*. Oral presentation, NAPCRG November 2016.
30. Goldman R, Holler J, Stebbins P, **El Rayess F**. *New curriculum to teach FM residents Geographic Information System (GIS) applications to identify needs of at-risk children and their families*. Works in progress presentation at Society of Teachers of Family Medicine, National Conference, May 2017.
31. **El Rayess F**, Casselman J, Tobin-Tyler E, Dietrich K, Stebbins P. *How to incorporate a Medical Legal Clinic and Curriculum in to a Family Medicine Residency*. Seminar presentation at Society of Teachers of Family Medicine, National Conference May 2017.
32. Klee D, Valdman O, **El Rayess F**, Johnston E, Evansen A, Szkwarko D. *Facilitating Global Faculty Development: Mentorship, Resource Evaluation and Toolkit Development*. Seminar presentation at Society of Teachers of Family Medicine, National Conference May 2017.
33. Boisvert S, **El Rayess F**. *FAMILY WELLNESS: Introducing Lifestyle Modification through a family dynamic*. Poster presentation at Society of Teachers of Family Medicine, National Conference May 2017.
34. Nothnagle M, **El Rayess F**, Stebbins P, Demaris S, Brown J, Goldman R, Roque J. *Using the PCMH Model to Transform Care of Children & Adolescents in Underserved Communities*. Poster, Society of Teachers of Family Medicine, National Conference, May 2017.
35. Goldman R, **El Rayess F**, Thomson C, Brown J, Stebbins P, Nothnagle M. *Fostering Family Medicine Residents? Community Engagement*. Breakfast presentation at Society of Teachers of Family Medicine, National Conference, May 2017.

36. Sahhar F, Namak S, Charestan A, **El Rayess F**. *Best Practices Caring for Recently Arrived Arab and Muslim Women*. Lecture presentation, AAFP Global Health Workshop, Oct 2017.
37. **El Rayess F**, Kahane J, Stebbins P, Goldman R, Roberts M, Wilkinson J. Factors Associated with HPV Vaccination. Poster, NAPCRG, November 2017.
38. Wilkinson J, MD, Morris G, **El Rayess F**, Roberts M. *Predictors of missed preventive care visits in children and adolescents*. Poster, NAPCRG, November 2017.
39. Roque J, Graham C, Goldman R, Wilkinson J, **El Rayess F**. *Using Best Practices for Adolescent Vaccinations to Teach PCMH Concepts and Improve Care*. Lecture presentation, STFM, Washington DC, May 2018.
40. Moorhead D, **El Rayess F**, Czech S, Siegert N, Nothnagle M. Ethical and Structural Challenges of Behavioral Health Screenings for Children and Adolescents. Scholarly round table presentation, Society of Teachers of Family Medicine, Washington DC, May 2018.
41. Szkwarko D, Johnston E, **El Rayess F**, Klee D, Cayley W, Valdman O, Evensen A. *Teaching the Global Teachers: Case Discussions About Collaboration with Family Medicine Faculty Partners Abroad*. Workshop presentation at Global Health Summit, Jacksonville, FL Sept 2018.
42. Evensen A, Valdman O, Szkwarko D, Duffy S, **El Rayess F**. *Standardization of Global Health Fellowships in Family Medicine: What's Next?* Workshop presentation at Global Health Summit, Jacksonville, FL Sept 2018.
43. Sahhar F, Namak S, **El Rayess F**, Kureshi S, Mashori R. *International Medical Graduates: Adversity, loss, and improved global health*. Workshop presentation at Global Health Summit, Jacksonville, FL Sept 2018.
44. Roque J, Gleyzer N, Rosenbaum J, **El Rayess F**. *Interactive Strategies to Enhance Pediatric Curriculum, Teach Panel Management and Increase Pediatric Visits*. Workshop presentation at Program Directors Workshop, Kansas City, April 2019 and Lecture Discussion, Society of Teachers of Family Medicine, Toronto, April 2019.
45. Graham C, **El Rayess F**, Szkwarko D, Forcier M. *Incorporating Transgender Care into an Academic Family Medicine Department: Increasing Capacity for Transgender Care Across the Family Medicine Training Spectrum*. Lecture Discussion, Society of Teachers of Family Medicine, Toronto, April 2019.
46. Thomson C, Szkwarko D, D'Cruz M, Dianat S, Evensen A, Goldman R, **El Rayess F**. *But it seemed like we were on the same page... Integrating Concepts of Intercultural Communication into Family Medicine Education and Practice*. Seminar Presentation, Society of Teachers of Family Medicine, Toronto, April 2019.
47. Wheat S, **El Rayess F**, Marshall C, Martonffy A. *Limiting Bias in Recruitment and Retention*. Workshop presentation recorded and delivered virtually. Program Directors Workshop, AAFP, Kansas City, April 2020.
48. McPhillips A, Peterson D, Donovan S, Szkwarko D, **El Rayess F**. *"The Quaranteam:" A Family Medicine Residency's Innovative Response to the COVID-19 Pandemic in Rhode Island*. Lecture presentation at FMEC National Conference, delivered virtually, Oct 2020.
49. Szkwarko D, Goldman R, Green C, Moorhead D, **El Rayess F**. *Transforming Primary Care for Children and Adolescents in Underserved Communities: Evaluation of a 5-year HRSA Grant*. Lecture Discussion, Society of Teachers of Family Medicine, May 2021.
50. Thomson C, Szkwarko D, D'Cruz M, Dianat S, Evensen A, Goldman R, **El Rayess F**. *But it seemed like we were on the same page Vol 2: Integrating intercultural communication into Family Medicine*. Workshop, Society of Teachers of Family Medicine, May 2021.

51. Wheat S, **El Rayess F**, Marshall C, Martonffy A. *Limiting Bias in Recruitment and Retention*. Workshop presentation at FMEC, recorded and delivered virtually. Seminar presentation at RLS March 2021, recorded and delivered virtually.
52. Szkwarko D, Goldman R, Green C, Moorhead D, **El Rayess F**. *Transforming Primary Care for Children and Adolescents in Underserved Communities: Evaluation of a 5-year HRSA Grant*. Lecture Discussion, Society of Teachers of Family Medicine, May 2021.
53. Eggers M, **El Rayess F**. *Prevalence and Bias in Intimate Partner Violence Screening in Resident Wellness Visits*. Poster. Society of Teachers of Family Medicine, May 2021
54. Tepperberg S, Pecci C, **El Rayess F**, Pfau J, O'Donovan E. *Peer Support for "the Middle": strategies, tips, and resources for mid-career and mid-life academic family physicians*. Round Table Discussion, Society of Teachers of Family Medicine,, May 2021.
55. Nothnagle M, **El Rayess F**, Filip A. *Preventing and Responding to Negative ACGME Resident Surveys*. Seminar Presentation. Residency Leadership Summit, March 2022.
56. **El Rayess F**, Chandran R, Blossom-Hartley B, Anyanwu O, Szkwarko D. *Antiracism Faculty Group: A Peer-Led Faculty Development Strategy*. Lecture presentation, Society of Teachers of Family Medicine, May 2022
57. Szkwarko D, Gleckel M, Goldman R, **El Rayess F**. *A Quantitative Assessment of Family Medicine Resident Confidence Related to Rural Health Practice*. Completed Project. Society of Teachers of Family Medicine, National Conference, May 2022
58. **El Rayess F**, Blossom-Hartley J. *Pros and cons of teaching specialized content in FM residencies using clustered FM-led specialty clinics*. Roundtable presentation, Society of Teachers of Family Medicine, May 2023
59. Wheat S, **El Rayess F**, Ravenna P, Tepperberg S. *Diversity, Equity and Inclusion Milestones: A tool to impact program change for pathways*. Seminar presentation, Society of Teachers of Family Medicine, May 2023
60. Tepperberg S, **El Rayess F**, Hill C, Dakkak M. *March Madness: Preparation for SOAP for Programs and Students*. Seminar presentation at Residency Leadership Summit, March 2023. and lecture discussion, Society of Teachers of Family Medicine, May 2023
61. Gleckel M, Acosta L, Shittu H, **El Rayess F**. *Applying an Antiracist Lens to Learning and Teaching Starting with an Orientation Block*. Lecture discussion presentation, Society of Teachers of Family Medicine, May 2023
62. Younge M, Gleckel M, Arrey G, Ochoa Trochez M, **El Rayess F**. *Promoting a More Inclusive Learning Environment by Enhancing Advising & the Evaluation Process*. Accepted for lecture presentation at FMEC, Sept 2023.
63. Sutter M, Adler B, Arena A, **El Rayess F**, Szkwarko D. *Utilizing the ECHO Educational Model to Democratize Specialist Knowledge to Primary Care Team Members in Rhode Island*. Accepted for lecture presentation at FMEC, Sept 2023.
64. Younge M, White-Davis T, Krinsky L, Anyanwu O, **El Rayess F**. *Racial Affinity Caucusing: Learn About This Antiracism Tool by Participating in One*. Accepted for workshop presentation at FMEC, Sept 2023.
65. Blossom-Hartley J, **El Rayess F**. *Language Concordant Care: Impact on Spanish-Speaking Residents*. Accepted for research paper presentation at FMEC, Sept 2023

INVITED PRESENTATIONS

National

El Rayess F. Panel Speaker, *Trainee Advisory Committee Workshop*. Consortium of Universities for Global Health. March 2015.

El Rayess F. *Incorporating Clinical Metrics in Family-Centered Primary Care. HRCA PCTE Technical Assistance Webinar*. Sept 20, 2017.

El Rayess F. Annual Guest Faculty: Anthropology in the Real-World Seminar “*From Anthropology to Family Medicine*.” Cornell University, 2010-2012

Regional

Guthrie T, Poitevien P, **El Rayess F.** Preparing for virtual interview season, Brown Diversity in Medicine Recruitment Fair, 8/1/20, 8/7/21, 8/5/22

El Rayess F. Annual Workshop Leader: *Parenting Across Cultures and Refugee Health*. Longitudinal Integrated Curriculum, AMS, Brown University, 2015-2018

El Rayess F. Annual Workshop Leader: *Care of LGBT Patients, Rainbow Caduceus Workshop*, AMS Brown University, 2012- 2019

GRANTS

HRSA, Residency Training in Primary Care, Grant # D58HP37575: 2020-2025

TELEHEALTH RI: Primary Care Training in Telemedicine,
Rural and Underserved Health, and Opioid Use Disorder (PI) \$500, 000 per year

HRSA Primary Care Training Grant # T0BHP28563: Transforming Family- 2015-2020
Centered Primary Care for Children & Adolescents in Underserved
Communities (PI), \$250,000 per year

Society of Teachers of Family Medicine Foundation Group Project Grant: for 2014-2015
Competencies for Family Medicine Global Health Fellows (PI) \$10,000

Whole Kids Foundation School Garden Grant for E. Baldwin School (PI) \$3000 2014

Lowe’s Toolbox for Education Grant: school garden at E. Baldwin (PI) \$5000 2014

Global Health Initiative: Frameworks in Global Health Grant for Global 2011-2012
Health At Home & Abroad (PI) \$3,500

RI Department of Health Grant for Minority Health Promotion Site (PI) \$5000 2007-2010

BCBS of RI Blue Angel Grant, *Mark, Set, Go!* Program (PI) \$7500 2006-2007

Coastway Credit Union Grant to fund the *Mark, Set, Go!* Program (PI) \$5000 2006-2007

Dexter Grant to set up Diabetes screenings in Providence (PI) \$2000 2004-2005

Co-Investigator/ Organizer of the Vietnamese Doula and Breast-Feeding Project 1998-1999
Albuquerque, New Mexico. The project was awarded a three year Healthy
Tomorrows Partnership for Children Program grant by the Maternal and
Child Health Bureau, U.S. Department of Health and Human Services.

UNIVERSITY TEACHING ADVISING AND MENTORING ROLES

Brown Family Medicine Residency, AMS of Brown University.

In 2011, I joined the Brown Family Medicine residency as assistant program director ‘11-’12 then associate program director ‘12-’17 and then program director ’17- present. In addition to

advising, precepting in the clinic and on the inpatient ward, I worked on enhancing the health equity curriculum. Ours is a longitudinal curriculum that brings in speakers from various community organizations working on issues such as housing, immigration, domestic violence, youth empowerment and environmental justice.

Since 2015, I have worked to enhance the skills of FM residents to care for resource constrained communities. I helped lead the process as principal investigator of several HRSA residency training grants aimed at preparing and increasing the number of our graduates choosing to work in urban and rural shortage areas. Partnering with colleagues, I have helped implement curricula for gender affirming care, point of care ultrasound, telemedicine, hepatitis C and Spanish language instruction. I have helped enhance curricula for the care for children, the treatment of opioid use disorder and reproductive health. I have many co-presentations at the STFM, FMEC and RLS related to these different curricula. It also includes an anti-racism curriculum with training around implicit bias, structural issues, and provides space for brave conversation around power and privilege. In 2020, I became the program director for 48 residents when the two family medicine residencies in Rhode Island combined to become one of the largest FM residencies in New England.

Brown FM Residency Grand Round Lectures

I give the following grand rounds lectures for the Brown FM residency every 12-18 months

- Parenting across cultures
- Refugee health
- Care of Arab and Muslim Patients
- Travel Medicine Jeopardy
- Case: Lyme Carditis
- Case: Measles in returned traveler
- Case: Pediatric Hypertension

Brown Family Medicine Residency Half Day Workshops

I am involved in planning and helping deliver the following Brown FM residency workshops:

- Pre-Rank Meeting Reflections on Path to medicine and family medicine
- Introduction to Diversity, Equity, Inclusion and Health Equity (intern orientation)
- POCUS - four workshops a year
- Reflections on practice - four workshops a year
- Racial Affinity Caucusing - four workshops a year
- Telehealth workshop once a year
- Diabetes workshop once a year
- Dermatology workshop once a year
- Reproductive Health Skills
- Preparation for Lobby Day

Medication Abortion Trainer

Since 2011, family medicine residents have spent a half day a week with me at Planned Parenthood, during their gynecology block rotation, to learn how to provide medication abortions and perform first trimester ultrasounds. This has been a core part of our residency's mission to provide our graduates with a broad spectrum of clinical skills to meet their patients needs.

Medication Assisted Treatment

Since 2011, I have been one of the preceptors for our MAT clinic that trains residents to provide MAT for patients with opioid use disorder. For the last three years, 45 of the 48 graduates have stated an intention to provide MAT.

Faculty Development and Mentorship for Brown Family Medicine Residency

For the last three years, I have been working with faculty to promote a more inclusive learning environment including how to give feedback to residents, how to limit bias in our evaluation of residents and how to counteract imposter syndrome and stereotype threat. I began this work in 2019 as part of increasing capacity for anti-racism work in our department by co-facilitating an anti-racism faculty group that met every 4-6 weeks for 2 hours in the evening from the fall of 2019 through the spring of 2022. Next, I partnered with Melissa Gleckel, MD, APD to develop a workshop for faculty to discuss our evaluation process and to develop individualized learning plans for all residents. Additionally, we revised our intern year to make room for an intern orientation month and embedded a number of activities aimed at promoting learning, help seeking behavior and belonging as part of counteracting imposter syndrome and stereotype threat. We gave a lecture presentation on this topic this May: Gleckel M, Acosta L, Shittu H, **El Rayess F**. Applying an Antiracist Lens to Learning and Teaching Starting with an Orientation Block. Accepted for lecture discussion presentation, Society of Teachers of Family Medicine, National Conference, May 2023.

Faculty Mentor: I serve as a faculty mentor to the following Brown FM Faculty:

- Elizabeth Tammara, MD, Brown FMOB residency core faculty, mentor 2022-present
- Marian Younge, MD, Brown FMOB residency core faculty, Director of DEIA for Brown FM Residency, mentor 2022-present
- Melissa Ochoa-Trochez, MD, Brown FM residency class of 2020, community faculty, DEIA mentor, and preceptor, mentor 2017-present
- Caitlin Gilooly, MD, Brown FM residency class of 2020, community faculty and preceptor, mentor 2017-present
- Dan Harris, MD, Brown FM residency class of 2018, community faculty and preceptor '18-'23. Will be joining the University of Utah, Family Medicine Residency as core faculty in the fall of 2023
- Missy Gleckel, MD, Associate Program Director, Brown FM Residency '20-'22, mentor 2020-present
- Jodi Roque, MD, core faculty FM residency UNC '12-'1, Associate Program Director Brown FM Residency '17-'20, mentor 2017-present
- Daria Szkwarko, DO, MPH, Brown FM Residency Class of 2015, Global Health Fellowship, University of Massachusetts '15-'17, Assoc Director Brown Family Medicine Global Health Fellowship '17-'19; Dir Brown Family Medicine Global Health Fellowship, '19-present. I have been her mentor since 2012.

Chief Resident Mentor

I have been program director for the last six years and met weekly with two chief residents per year from 2017-2020 and four chief residents per year since the two FM residencies in RI merged in 2021. Many have gone on to core teaching positions.

- Julie Blossom-Hartley, MD, chief resident '19-'20, community faculty '20-'22, Associate Program Director Brown FM Residency '22-'23. Will be joining Michigan State Family Medicine Residency in the fall of 2023 as core faculty. I have mentored her since 2017.
- Minoo D'Crus, MD, chief resident '18-'19. FMOB fellowship, Swedish First Hill '19-'20, Core faculty Swedish First Hill '22-present. I have mentored her since 2016.
- Payal Patel, MD, MPH, chief resident '18-'19. reproductive health fellowship Montefiore '19-'20, core faculty Montefiore Family Medicine Residency. I mentored her 2016-2019.
- Karl Dietrich, MD, MPH, chief resident '16-'17, core faculty Swedish First Hill '17-'22, Founding Program Director, Keen FM Residency '22-present. I have been his mentor since 2014.

Family Medicine Resident Advisees/Mentees

I have been involved in the Brown Family Medicine Residency leadership for twelve years, during which time, 208 FM residents graduated. The following are some of my mentees:

- Matt Perry, MD, Brown MD'19, Brown FM Residency '22, community health center family physician in RI. I have been their mentor from 2019-present.
- Amber Cardoos, MD, Brown MD'19, Brown FM Residency '22, community health center family physician in RI. I have been her mentor from 2015-present.
- Gisele Arrey, MD, Brown FM Residency '21, family physician in private practice in Massachusetts. I have been her mentor from 2018-present.
- Kate LaMancuso, MD, Brown FM Residency '17, community health center family physician in Vermont. I was her mentor from 2014-2017.
- Alexis Drutchas, MD, Brown FM Residency '15, palliative care fellowship, practices in Boston. I was her mentor from 2012-2015.
- Sara Watson, MD, Brown FM Residency '15, community health center family physician in RI. I was her mentor from 2012-2015.

Scholarly Concentration Caring for Underserved Communities, AMS Brown University

I have served as co-director of the concentration since 2011 when we accepted our first students into the concentration. I developed and facilitated a 10 session seminar that I teach yearly to Brown 2nd years who are enrolled in this four year concentration. I also mentor each of the students as they complete a scholarly project related to working with underserved communities. Alongside Joseph Diaz and Wil Perez-Giordano, to date 42 Brown medical students have completed the Scholarly Concentration in Care for Underserved; an additional 15 are currently enrolled.

- Ry Garcia Sampson, BA'14 MD'19, Duke FM residency, '19-'22, Duke Family Medicine Health Equity fellowship '22-23, core faculty Duke Family Medicine Residency '22-present. I have been a mentor for Ry throughout their training, 2014 to present. I served as a mentor for their ODMA fellowship project and continue to mentor them as they have pursued a health equity fellowship and a faculty position.
- Samantha DeAndrade, MD, MPH, Brown MD'17. Along with Roberta Goldman, PhD I mentored Sam from 2013-2017. She conducted a set of interviews with members of the Cape Verdean community about their understanding of hypertension. It resulted in the following publication: DeAndrade S, **El Rayess F**, Goldman R. "Perspectives on

Hypertension in the New England Cape Verdean Community.” *Journal of Racial and Ethnic Health Disparities*. 2017, March 10. (published on-line)

- Meeka Gandhi, MD, Brown MD’17. Meeka was one of the students who helped analyze data for a project that I conducted in the schools. From 2006 to 2009, I trained high school students and Brown medical students to provide interactive weekly workshops on nutrition and physical activity for fourth graders across Providence, RI. I developed the curriculum in conjunction with Brown medical students and a local nutritionist. Brown medical students served as program coordinators. The results were subsequently published: El Rayess F, Gandhi M, Mennillo H. “Mark, Set, Go! School-Based Nutrition and Physical Activity Program: a 5-Year Evaluation.” *Rhode Island Medical Journal*, 2017 Feb; 100(2): 30-44. In 2014, I received a distinguished paper award at the Society of Teachers of Family Medicine for a presentation entitled: *Mark, Set, Go! School-Based Nutrition and Physical Activity Program: a 5-Year Evaluation*. The presentation detailed the evaluation of 5 years of data collected from knowledge, attitude and behavior surveys of 4th graders pre- and post-a semester long intervention. From 2011-2020, I implemented the same curriculum within the Brown FM residency, with FM residents and Brown medical students teaching the curriculum at the Elizabeth Baldwin Elementary School in Pawtucket, RI. We had an additional publication: Gandhi M, Feller E, **El Rayess F**. “Art and movement in nutrition education.” *Medical Education*. 2016 Nov; 50(11):1160

Lesotho Family Medicine (Residency) Specialty Training Program, Lesotho

From July 2008 to July 2009, I served as the first deputy director of the newly launched FM residency in Lesotho and alongside the program director and faculty from Boston University, Department of Family Medicine, helped develop the residency curriculum. I rounded with residents on inpatient wards and outpatient clinics, developed a grand rounds series and block rotations. We worked hard to adapt and tailor our curriculum to meet the needs of the Basotho residents working in this resource constrained setting that served a large population living with HIV and AIDS. Our first graduate, Sebaka Melope, MD, now serves as the program director of the residency. I provided mentorship during his residency and during his visit to the US in 2013 when he visited the Brown FM and the Boston FM residencies for a month.

Brown Family Medicine Global Health Faculty Development Fellowship

In 2011, after I returned from working in Lesotho, Gowri Ananadraj, MD and I developed the Brown Family Medicine Global Health Fellowship that aims to prepare family medicine physicians to provide health care and serve as faculty in resource constrained settings internationally and in the US. We implemented the fellowship in 2011. I served as Co-Director from 2011-2015, then as Director from 2015-2019. In 2019, Daria Szkwarko, DO, MPH replaced me as the fellowship director and I served as Associate Director until 2022. It is one of the first FM global health fellowships in the country. In 2014, I led a Delphi study that established competencies for FM global health fellowships. El Rayess F, Filip A, Doubeni A, Wilson C, Haq C, Debay M, Anandrajah G, Heffron W, Jayasekera N, Larson P, Dahlman B, Valdman O, Hunt V. “Family medicine global health fellowship competencies: a modified Delphi study.” *Family Medicine*. 2017 Feb; 49(2):106-113. To date twelve global health fellows have completed the program, many of whom serve as faculty for family medicine residencies across the US. Our first graduate, Anna Filip, MD, has been an associate program director for the last five years and will

be transitioning to program director this July. Below are the fellows for whom I have provided substantial mentorship.

- Odi Anyanwu, DO, MPH, completed the Brown Global Health Maternal Fellowship in 2022. She is now the Assistant Director of Brown FM Global Health Fellowship. I have mentored her from 2020 to the present.
- Chelsea Graham, DO, completed the Brown FM residency in '17, and the Brown FM Global Health Fellowship '17-'18. She serves as community faculty for the Brown FM residency '18 to present. She developed our Gender Affirming Care curriculum and clinic and continues to precept FM residents rotating through the clinic. We have given a number of presentations together about this work. I have been her mentor since 2014.
- Claire Thomson, MD, MPH, was chief resident Brown FM, '16-'17, Brown Global Health Maternal Fellowship '17-'18. She is core faculty at the Swedish First Hill Family Medicine Residency since 2018. I have been her mentor from 2014 to the present.
- Katherine Jarrel, MD, MPH, completed the Brown Global Health Maternal Fellowship in 2018. She is a family physician in North Hampton, MA. I was her mentor from 2013-2018.
- Marla Hansel, MD, completed the Brown Global Health Fellowship in 2016 and is a community health center physician in RI. I was her mentor from 2011 to 2016.
- Maria Colon-Gonzalez, MD, completed the Brown Global Health Fellowship in 2014. She is a family physician practicing in Texas. I was her mentor from 2013-2014. We had the following publication: Colon-Gonzalez M, **El Rayess F**, Guevara S and Anandarajah G. Successes, challenges and needs regarding rural health medical education in continental Central America: a literature review and narrative synthesis. *Rural and Remote Health*. 15:3361. (Online) 2015.
- Anna Filip, MD, completed the Brown Global Health Fellowship in 2013. She was the Assistant Program Director, Brown FM Residency '13-'17, Associate Program Director at Christiana Family Medicine Residency '18-to present. I have been her mentor since 2011.

Community Medicine Clerkship, Faculty and Longitudinal Preceptor, AMS, Brown University

From 2003-2012, I served as a community and longitudinal preceptor for Brown medical students who rotated with me at the Chad Brown Community Health Center. In 2011, I met Wil Perez-Giordano, MD'13 who completed his longitudinal with me at the health center. He pursued a FM residency at Oregon Health & Sciences University Family Medicine Residency '13-'17 and returned to serve as community faculty Brown Family Medicine Residency '17-present. In 2019, he joined me and Joseph Diaz, MD, MPH as Co-Director of the Scholarly Concentration of Care for Underserved Communities. I have been his mentor since 2011.

Course Director for the Annual Rhode Island Transgender Medicine Conference

From 2014-2019 I served as co-director of RI's annual transgender medicine conference. It is a day-long conference with three tracks for medical, behavioral health and trans community members. The conference grew from 180 attendees in 2014 to 600 attendees and a budget of \$30,000 in 2019. It is the only conference addressing this need in Rhode Island and helped increase capacity for gender affirming care in the state.

Academic Faculty Peer

I serve as peer mentor for two colleagues who were recently promoted to residency leadership. Suki Tepperberg, MD, who became Boston University Family Medicine Residency Director in

Fadya El Rayess, MD, MPH
6/4/2023

2021 and Katherine Holms, MD, MPH, who became Associate Program Director for United Health Services Family Medicine in 2021 and will transition to be the Program Director this fall.

HOSPITAL TEACHING, ADVISING AND MENTORING ROLES

Family Medicine Inpatient Attending, Miriam Hospital	2018- present
Family Medicine Inpatient Attending, Memorial Hospital of RI	2002 - 2018

LANGUAGES SPOKEN

Spanish – medical and conversational
Arabic – basic
French - basic