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Professional Education

Oct 1995 : M.B.B.S., Faculty of Medicine University of Khartoum, Khartoum, Sudan

2000- 2003 : Pediatric Residency, Penn State Children's Hospital, Milton Hershey Medical

Center, Hershey, Pennsylvania

Sept 2014 : Diploma in Clinical and Translational Science, Mayo Clinic Center for Clinical

and Translational Science (CCaTS), Mayo Clinic, Rochester, Minnesota

2013 - 2014 : Advanced Research Training in Pediatric Infectious Diseases, Duke University

School of Medicine, Durham, North Carolina

2014 - 2017 : Pediatric Infectious Diseases Fellowship, Duke University School of Medicine,

Durham, North Carolina

Certification:

Jul 1997 : Part I of the MRCP-Pediatrics (Membership of the Royal College of Physicians),

London, UK

Sep 1999 : ECFMG Certification

Oct 2004 : American Board of Pediatrics

Dec 2014 : American Board of Pediatrics – Recertification

Medical Licensure:

2003 : Pennsylvania State Board of Medicine

2003 : Louisiana State Board of Medical Examiners

2008 : Wisconsin Medical Examining Board

2012 : North Carolina Medical Board

Work Experience:

1996-1998 : House officer, Khartoum Teaching Hospital, Khartoum, Sudan

2003- 2007 : Pediatrician, Kid-Med East Clinic, Denham Springs, Louisiana.

2008- 2013 : Pediatrician, Franciscan Healthcare-Mayo Clinic Health System, Department of

Pediatrics, La Crosse, Wisconsin.

Research Experience:

Jan1998- Jun1998: Research assistant, University of Khartoum, Department of

Pediatrics. Khartoum, Sudan. Elimination of Measles from East Africa. Collaborative research project: Institute of Endemic Diseases, Khartoum, Sudan, Pasteur Institute, Lyon, France; Erasmus University Hospital, Rotterdam, the Netherlands. Supervised by Prof. Salah Ahmed Ibrahim

Jan 2011- Apr 2013: Principal Investigator, Improving appropriate antibiotics

prescribing for pediatric outpatients at Franciscan-Mayo Clinic Health System. Co-investigator and mentor: Ritu Banerjee, MD, PhD. Division of Pediatric Infectious Diseases. Mayo Clinic, Rochester, MN. This project was supported by Mayo Clinic Health System Research Committee's System-Oriented and Applied

Research (SOAR) grant

Publications:

Original Research:

- Saleh E, Eichner B, Clark D, Gagliano M, Troutman J, Harrington L, McNeal M, Clements D. Open-Label Pilot Study to Compare the Safety and Immunogenicity of Pentavalent Rotavirus Vaccine (RV5) Administered on an Early Alternative Dosing Schedule with Those of RV5 Administered on the Recommended Standard Schedule. J Ped Infect Dis Soc. 3 March 2017; doi.org/10.1093/jpids/pix005
- 2. *Saleh E*, Moody MA, Swamy GK, Walter EB. Parental approach to the prevention and management of common adverse events following childhood immunizations: a survey study. *Clin Pediatr*. 2016 Oct 23. pii: 0009922816675116. [Epub ahead of

- 3. *Saleh E*, Moody MA, Walter EB. Effect of antipyretic analgesics on immune responses to vaccination. *Hum Vaccin and Immunother*. 2016 Sep;12(9):2391-402. doi: 10.1080/21645515.2016.1183077
- 4. *Saleh E*, Schroeder DR, Hanson AC, Banerjee R. Guideline-concordant antibiotic prescribing for pediatric outpatients with otitis media, community-acquired pneumonia, and skin and soft tissue infections in a large multispecialty healthcare system. *Clin Res Infect Dis.* 2015 Jan 10;2(1). Pii:1010
- 5. Ibrahim SA, Abdallah A, *Saleh EA*, Osterhaus AD, De Swart RL. Measles virus-specific antibody levels in Sudanese infants: a Prospective study using filter-paper blood samples. *Epidemiology and Infection*. 2006 Feb; 134 (1):79-85
- 6. Ibrahim SA, Mustafa OM, Mukhtar MM, *Saleh EA*, El Mubarak HS, Abdallah A, El- Hassan AM, Osterhaus AD, Groen J, De Swart RL, Zijlstra EE. Measles in suburban Khartoum: an epidemiological and clinical study. *Tropical Medicine and International Health*. 2002 May; 7(5):442-9

Meeting Abstracts:

- 1. *Saleh E*, Moody MA, Swamy GK, Walter EB Parental approach to the prevention and management of common adverse events following childhood immunizations: a survey study. Proceedings of the *CDC* National Immunization Conference, 09/2016, Atlanta, GA (Abstract # 167)
- 2. *Saleh E*, Moody MA, Walter EB. The Effects of Antipyretics/Analgesics on Postvaccination Immune Responses: A Systematic Review and Analysis. Proceedings of the *Pediatric Academic Societies* Annual Meeting, 04/2016, Baltimore, MD (Abstract # 751012)
- 3. *Saleh E*, Abusin S, Ali E, Elamin E, Abdalrahman I. Development and Implementation of Effective Educational and Professional Development Global Health Program in a Low-Resource Setting. Proceedings of the *Pediatric Academic Societies* Annual Meeting, 04/2016, Baltimore, MD (Abstract # 750777)
- 4. *Saleh E*, Gurley T, Von Holle T, Deal A, McGuire E, et al. Differential antibody responses in HIV-1-Infected Pregnant Women and Children/Youth. Proceedings of the *Pediatric Academic Societies* Annual Meeting; 04/2015; San Diego, CA (Abstract # 50149)

<u>Awards:</u>

- 2011 : Mayo Clinic Health System Research Committee's System-Oriented and Applied Research (SOAR) grant
- 2014 : NIAID/IDSA Infectious Diseases Research Careers Meeting 2014 Travel Award

Professional Society Memberships:

2000- Present: Fellow, American Academy of Pediatrics

2008- Present: Co-founder, Board of Trustees Vice-Chair and immediate Past President:

Sudanese American Medical Association

2009 - 2014 : American Heart Association, PALS Instructor

2013- Present: Pediatric Infectious Diseases Society

2016- Present: Society for Pediatric Research (SPR) Junior Section

Professional Workshops and courses:

Aug 2008 : Career and Leadership Development program: CALD Module IB, Presentation

Skills. Mayo Clinic, Rochester, MN

Mar 2010 : Mayo Clinic Young Investigators Research Symposium. Rochester, MN

May 2010 : Publishing research and reflective writing in pediatric medical Education.

Pediatric Academic Societies Annual Meeting, Vancouver, BC, Canada

June 2010 : Partners in research workshop: Communities and researchers Improving Health

through Community-Based Participatory Research, Rochester, MN

Aug 2013 : Responsible Conduct of Research & Mentoring series. Duke University Medical

Center, Durham, NC

Oct 2013 : Writing from the Reader's Perspective-Gopen Writing Seminar. Presented by

George D. Gopen, JD, PhD, Professor of the Practice of Rhetoric, Department of

English. Duke University Medical Center, Durham, NC

Jul 2014 : Advanced Course in Immunology. American Association of Immunologists,

Boston, MA

Sep 2014 : Duke Histopathology of Infectious Diseases Workshop. Duke University

Medical Center, Durham, NC

Feb 2015 : Duke Office of Clinical Research/Graduate Medical Education - 2014

Resident Research Course: Building a Research Foundation. Duke University

Medical Center, Durham, NC

Jan- May 2015: Design of clinical Research Studies, University of North Carolina,

Department of Epidemiology, Chapel Hill, NC

Feb 2015 : HIV/AIDS course/Pediatric Infectious Diseases transplant course

St. Jude/Pediatric Infectious Diseases Society Conference 2015, Memphis, TN

June 2015 : Duke 1st Annual Transplant Infectious Diseases Symposium, Duke

University, Durham, NC

Nov 2015 : Clinical Vaccinology Course, National Foundation for Infectious

Diseases, Bethesda, MD

Oct 2016 : Duke Global Health Institute Symposium, Duke University Medical

Center, Durham, NC

Mentorship and Teaching:

• Supervision of medical students and Pediatric residents during Pediatric Infectious Diseases rotation, Duke University Medical Center, July 2013- June 2017

 Preceptor for Family Medicine residents- La Crosse-Mayo Family Medicine Residency. La Crosse, WI. From Jan 2008 to Apr 2013