Curriculum Vitae

Name:	Mark W. Newton
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Education

08/1979 - 05/1983	B.S. from Houston Baptist University, Houston, TX
08/1983 - 06/1987	M.D. in Medicine from University of Texas Medical Branch, Galveston, TX

Training

06/1987 - 06/1988	Internship in Pediatrics from University of Texas Health Sciences Center, Houston, TX
06/1988 - 06/1991	Residency in Anesthesiology from University of Texas Health Sciences Center, Houston, TX
06/1991 - 06/1992	Fellowship in Pediatric Anesthesiology from Denver Children's Hospital, Denver, CO

Licensure and Certification

06/1987 - Present	Medical License, Texas Medical License of Texas United States (H5261)
06/1991 - 05/2007	Medical License, Colorado Medical License of Colorado United States (31949)
04/1992 - Present	Certification, Diplomate American Board of Anesthesiology United States (20950)
08/2007 - Present	Medical License, Tennessee Medical License of Tennessee United States (42800)
12/2010 - 12/2020	Certification, Recertification: American Board of Anesthesiology United States (20950)

Academic Appointments

02/1999 - Present	Faculty:Guest Lecturer (title for non-Kenyans), Department of Surgery (Anesthesiology), University of Nairobi (Nairobi,Kenya)
09/2007 - Present	Associate Professor of Clinical Anesthesiology, Vanderbilt University (Nashville, Tennessee)
09/2011 - Present	External Examiner MMed Anestheisology Specialty, Department of Anesthesiology, University of Nairobi (NairobiKenya)
02/2012 - Present	Faculty: Anaesthesia in Developing Countries Course, Course of Oxford Anaesthesiology, University of Oxford:Nuffield Division of Anaesthesiology (KampalaUganda)

Hospital Appointments

06/1992 - 11/1997	Clinical Instructor, Department of Anesthesiology, University of Colorado Health Sciences Center (Denver, Colorado)
06/1992 - 11/1997	Staff Pediatric Anesthesiologist, Department of Anesthesiology, Denver Children□ s Hospital (Denver, Colorado)
02/1999 - 11/2001	Anesthesiologist, Deparment of Surgery (Anesthesiology), Kijabe Hospital (Kijabe,Kenya)
12/2001 - 02/2004	Clinical Instructor, Department of Anesthesiology, University of Colorado Health Sciences Center (Denver, Colorado)
12/2001 - 02/2004	Staff Pediatric Anesthesiologist, Department of Anesthesiology, Denver Children□ s Hospital (Denver, Colorado)
03/2004 - Present	Anesthesiologist, Department of Surgery (Anesthesiology), Kijabe Hospital (Kijabe,Kenya)

Other Work Experience

09/2007 - Present	Director, Vanderbilt International Anesthesia, Department of Anesthesiology, Vanderbilt University Medical Center (Nashville, Tennessee)
05/2008 - Present	Faculty Vanderbilt Institute of Global Heatlh (VIGH), Global Heatlh, Vanderbilt University

Professional Organizations

The Society of Pediatric Anesthesia, Member
American Society of Anesthesiologists
Tennessee Society of Anesthesiologists

Professional Activities

Intramural

05/2010 - Present	Kenya Global Health, Vanderbilt Institute of Global Health, The committe is formulating a plan for VUMC in the areas of global health. From Kenya, I am on conference calls discussing VU plans and helping to develop and edit vision documents and policies., member

Extramural

01/2006 - Present	SPA Committee for International Anesthesia and Education, The Society for Pediatric Anesthesia, Member
03/2009 - 03/2009	Assistant Editor for Update in Anaesthesia, Basic Sciences Review
09/2009 - 09/2009	All African Anaesthesia Conference Scientific Committee, All African Anaesthesia Conference 2009, Member
09/2009 - 09/2009	All African Anaesthesia Conference Pediatric Anesthesia and PBLD Sessions, All African Anaesthesia Conference 2009, Chairman
09/2011 - 07/2012	Scientific Conference Committee, Kenya Society of Anaesthesiology, Help develop the scientific program for the East African Regional Anasethesia Conference, Scientific Program
03/2012 - Present	WFSA Pediatric Committee, World Federation Society of Anaesthesiology, International body dealing with educational materials and program development. Currently we communicate many times per month dealing with fellowship programs, book translation, IT education. Meet at all WFSA and national meetings when possible., Pediatric Anesthesia Committe Member, Pediatric Anes global development issues
01/2014 - 01/2017	Lifebox Education Board Member, Lifebox Education Board (UK), Lifebox is an organization based in UK which is involved in developing, distribution, resarch, and education in low resource contries of pulse oximetry. I will be on their Board and provide expertise in global anesthesia education., Board Member, Educational Consultant for global Anesthesia

Teaching Activities

06/1992 - 05/1997	Instructor, University of Colorado Health Sciences Center, Denver, CO
01/1998 - Present	Instructor, University of Nairobi, Kenya
02/1998 - 05/0	Lecturer, University of Nairobi, Nairobi, Kenya, Basic and Clinical Sciences in Anesthesiology in residency/fellowship program of University of Nairobi
03/1998 - 05/0	Instructor/Director of Program, Kijabe, Kenya, Kenya Registered Nurse Anesthesia (KRNA) Program (including curriculum) development for the Government of Kenya and the Nursing Council of Kenya. I have developed the program and 1/2015 have 91 trained in Africa.
06/1998 - 05/0	Instructor, Kijabe Hospital, Kijabe, Kenya, Daily clinical and didactic teaching for African and non-African trainees
06/1998 - 07/2002	Instructor, Lamu District Hospital, Northern Kenya, multiple two-four week periods
09/1998 - 06/2001	Instructor, Lui Hospital, Southern Sudan, multiple two-four week periods
07/2001 - 07/2001	Instructor, Mukinge Hospital, Zambia, 3 week block
01/2007 - 05/0	Instructor, Vanderbilt University Medical School, Nashville, TN, Teaching during my time in Vanderbilt Children's Hospital 11 weeks/yr with good teaching reviews by trainees
08/2007 - 05/2013	Instructor, Ahmud University, Borama, Somaliland (Somalia), multiple two-four week periods

01/2013 - Present	instructor, Kijabe Hospital, We have started a University of Nairobi anesthesia resident rotation 1/month . We will have 8/12 month period since I am out of the country for some months. These will rotate and interact with our VUMC anesthesia residents.
05/2014 - 05/2014	Global Health Ethics Sessions, Panel member for session, Vanderbilt School of Medicine, I was one of five faculty involved in 2 hour program for medical students discussing global medical ethics case scenarios.

Research Supervision / Mentorship

06/2011 - 12/2016	Global Anesthesia Residents and fellows, D.M.D., Post Doctoral Studies VUSM-Department of Anesthesiology-VIA Program-Kijabe Hospital (Kenya) Total of 7 VU residents and 2VU fellows and 3 residents(U of Oregon; UNC-Chapel Hill; U of Texas Houston for 3-4 week oversite and mentoring daily in global health issues, Current Position: Anesthesia residents and fellows. (Faculty, General Mentorship)
09/2013 - 08/2018	Pediatric Anesthesiolgy Fellowship of East Africa, M.D. East Africa Pediatric Anesthesiology Fellowship: University of Nairobi, 12 month program with 6 months at Kijabe Hospital started in 2013 and now in the second group of fellows from various countries in East Africa, Current Position: Anesthesiolgoists, some faculty in African institutions. (Faculty, Clinical)
07/2014 - Present	Jenna Helmer-Sobey, M.D. Vanderbilt, Current Position: Assistant Professor, Vanderbilt, Pediatric Anesthesia. (Faculty, Research)

Other Significant Activities

N/A	Anesthesia Development Projects (Africa): Southern Sudan and Somalia: 4 trips per year to this area to help develop anesthesia training program(s) for post-conflict medical development. Currently seeking USAID Funds for training programs in these two areas.
N/A	Anesthesia Development Projects (Africa): Kenya: Kenya Registered Nurse Anaesthesia (KRNA) Program, 5th class of 15 with 18 month curriculum for training Registered Nurses in anesthesia care in the rural settings of East Africa. Director, primary lecturer and founder of program.
N/A	Anesthesia Development Projects (Africa): Vanderbilt International Anesthesia (VIA), Director, Clinical rotation of residents and fellows from USA in Kijabe Hospital, Kenya. 8-10 trainees come to Kijabe for four week LIC-Anesthesia rotations as part of their western-based curriculum.
N/A	Health e Villages with John F Kennedy Foundation: ipad, ipod books and video anesthesia education project for education in Africa. This is growing and we have more devices and now using video education with physician and non-physician programs.
01/0	Pediatric Anesthesia Fellowship Development in East Africa: Development of the first fellowship in anesthesia in East, Central Africa involved in curriculum, funding, clinical rotations, academic U of Nairobi approval and development of international collaboration between SPA, WFSA, AAGBI, U of Nairobi.
06/2012	Kijabe Hospital Anesthesiology Course for Rural East Africa: I organized (funding, program, logistics) the first anesthesia CME program in Kenya focusing on rural anesthesia for non-physicians in Kenya. 60 plus participants from throughout Kenya 3 day event I will give multiple lectures.
11/2012	Somaliand Non-Physician Anesthesia Program Developmente: Developed, obtained international (European) funding, supervisor of program and trips to Somaliland to teach over 10 day period 5/2013 3 trips per year planned
11/2012	Kijabe Hospital/ U of Nairobi Resident Rotation Development: Program Development for one anesthesia resident per month rotation to Kijabe for clinical and didactic training. 5 residents completed
05/2013	2nd Annual Kijabe Anaesthesia Conference: Anaesthesia in a Challenging Environment: This is the second anaesthesia conference organized (logistics, funding, program, invited speaker from USA host) for 70 participants and praised by Government of Kenya. I gave 3 lectures myself.
05/2014	SPA Spring 2014 Newsletter Contributing Editor: " Pediatric Anesthesia Fellowship in East Africa: An International Partnership with SPA, APAGI, AAGBI, WFSA, and the University of Nairobi"
05/2014	Abstract IARS 2014 Montreal, Canada : "Comparison of Anesthesia Training Experience at a Rural Referral Hospital in Western Kenya to an ACGME-Approved Program in the United States" 2nd Author, not presenter at meeting
05/2014	Conference Organized in Kenya: Maternal Mortality: The Role of the Anesthetist in Africa: A anesthesia CME conference in Kenya with national (Kenya) and International speakers (Vanderbilt). 3 day conference with 85 participants. I lead the conference organization

involving programming, funding, lectures, and management.

Grants and Funding

Grant number unavailable	Fogarty International Collaborative Trauma and Injury Research Training Program (PI)	2010 - 2015

Kenya-VU Trauma Research Initiative

Role: Co-Investigator

Total Cost: $2,000,000.00

Grant number unavailable	Mark Newton, MD FAAP (PI)	07/2011 - 09/2013

USAID/Gates Foundation

Southern Sudan Obstetrical Emergency Project

Capacity building in Southern Sudan for maternal health and newborn resuscitation. Each pair of anesthesia care provide will be provided with the rural anesthesia machine required to function in the rural setting of Southern Sudan. Twenty students will be trained in Kijabe, Kenya with the anesthesia nursing program and then returned to S Sudan with tools to collect morbidity and mortality data for this very rural area of the world.

Role: Principal Investigator

Total Cost: $250,000.00

1R21CA155946-01A1	Lovvorn, HI (PI)	09/2011 - 08/2013

National Cancer Institute

R21 NCI Molecular Analysis of Ethnic Variations in Wilm□ s Tumor

Determine the genetic variation between Wilm's Tumor in Sub-sahara Africa (Kenya) and western Wilm's Tumor cells. W are partnering with 2 Kenyan academic institutions and 2 large mission hospitals within the deparments of pediatric surgery and pathology.

Role: Co-Investigator

Total Cost: $275,000.00

Grant number unavailable		01/2013 - 07/2014

Capacity Building within Healthcare (CBH) NORAD Project

Somaliland Nurse Anesthesia Capacity Building Project

A curriculum has been developed for anesthesia care providers in Somaliland(SL) which is to be approved by the Ministry of Health. We have sent two of my Kenyan graduates in anesthesia to work in two locations in SL, Edna Aden Hospital ar Amoud University, to train a total of 14 anesthesia nurses over 16 months. I am overseeing the project and will give the exams and make frequent oversite, education visits to this program. The project will continue beyond this first round of funding if we prove to have a documented impact from the funders, NORAD via CBH. NORAD is the international AId branch of the Government of Norway.

Role: Co-Principal Investigator

Total Cost: $100,400.00

Grant number unavailable	Mark Newton (PI)	01/2013 - 12/2018

Africa Mission Healthcare Foundation

South Sudan Anesthesia Development Project

This pilot study will bring 14 anesthesia care providers from Southern Sudan to Kenya, Kijabe Hospital, to be trained ove 12-16 months in anesthesia care in rural Africa. Currently, there are no training programs or physician anestheisa care providers in S Sudan. This pilot will form the basis for a larger grant for surgical/obstetrical centers in S Sudan with capacity building.

Role: Principal Investigator

Total Cost: $530,954.00

Grant number unavailable	Mark Newton, MD (PI)	01/2014 - 01/2018

General Electric Foundation

ImPACT Africa (Improving Perioperative and Anesthesia Care and Training

The goal of this program is to help the GoK to move forward with implementation of training of nurses in collaboration w the Kijabe School of Nursing and Kenya Medical Training College under the leadership of the MOH. The project will suppo

the following areas related to training: 1. Curriculum Development and Training of Trainers: Kijabe curriculum will need t be adapted for Government training institutions (Kenya Medical Training College). 2. Mentorship (Training of Trainers) by Vanderbilt-CPHD for KMTC: Kijabe/Vanderbilt faculty will mentor KMTC faculty on delivery of the Nursing Anesthesia cou for the duration of this project. 3. Support the training of the first cohort of 30 Nurses for Nyanza: These nurses will be trained in pairs and will be drawn from the areas where the GE foundation already has a presence. The training conducte in pairs will develop a buddy mechanism for continuous learning and support among trainees. The lessons learnt from th initial pilot training in Phase 1 will be used to refine the training program that shall then be scaled up nationally by the G in Phase 2. 4. Documentation of process, results, and dissemination of best practices: This initiative has the potential to have a broader impact in improving delivery of services in Sub-Saharan Africa by changing anesthesia practice and healt systems in the region. In partnership with Kijabe Hospital, CPHD and local partners, Vanderbilt University will lead the process of documentation of best practices and dissemination of findings. 5. A simulation program customized for Africa will be developed and then two simulation centers will be formed with a business model for sustainability in Africa will be develop with the Owen Business School at Vanderbilt.

Role: Principal Investigator

Total Cost: $3,801,766.00

Grant number unavailable 06/2015 - 05/2018

General Electric Foundation

ImPACT Africa: Clinton Global Initiative Expansion Western Kenya

ImPACT Africa Expansion Grant via Clinton Global Initiative with GE Foundation funding. Grant focuses on W Kenya focus on the following: 1. Increase numbers of anesthesia care providers, 2. Train 10 teachers in anesthesia, 3. Develop a Cen of Excellence with simulation center, 4. Develop and operationalize a mobile simulation in 9 hospitals in W Kenya with baseline and outcome measures.

Role: Co-Principal Investigator

Total Cost: $1,600,000.00

Honors / Awards

02/2012	AMA Dr Nathan Davis Excellence in Medicine Award, American Medical Association, AMA honored 3 physicians who represented excellent work in international medicine. A $2500 award was presented which was donated to Life Box which sent 10 pulse oximeters to VIA to be distributed to anesthesia/ICU care providers in Africa.
06/2012	Ashbel Smith Distinguised Alumnus Award, University of Texas Medical Branch, University of Texas Medical Branch (UTMB), est 1891, have graduated over 14,000 physicians and awarded this to 180 of their graduates. UTMB's highest honor awarded and a significant ceremony within their academic system.

Publications

Peer Reviewed Publications

Research Papers

1. Andrew J. Murphy1*, Jason R. Axt1*, Christian de Caestecker1, Janene Pierce1, Hernan Correa2, Erin H. Seeley3,. Molecular Characterization of Wilm's Tumor from a Resource-constrained Region of Sub-saharan Africa. International Journal of Cancer 2012 Mar;Int J Cancer. 2012 Mar 22. doi: 10.1002/ijc.27544. [Epub ahead of print].

Non-Peer Reviewed Publications

Research Articles

1. Riviello R, Ozgediz D, Hsia RY, Azzie G, **Newton M**, Tarpley J. Role of Collaborative Academic Partnerships in Surgical Training, Education, and Provision. World Journal of Surgery 2010 Jan;195.
2. **Newton M**, Bird P. Impact of parallel anesthesia and surgical provider training in sub-Saharan Africa: a model for a resource-poor setting. World journal of surgery 2010 Mar;34(3):445-52. PMID: 19727934.
3. Walker IA, **Newton M**, Bosenberg AT. Improving surgical safety globally: pulse oximetry and the WHO Guidelines for Safe Surgery. Paediatric anaesthesia 2011 Jan; PMID: 21208335.

4. Riviello ED, Letchford S, Achieng L, **Newton MW**. Critical care in resource-poor settings: lessons learned and future directions. Critical care medicine 2011 Apr;39(4):860-7. PMID: 21297458.

Book Chapters

1. Fluid and Electrolyte Therapy in the Paediatric Surgical Patient. Paediatric Surgery: A Comprehensive Textbook for Africa and Developing Countries. 2010 Jun.
2. Anaesthesia and Perioperative Care. Paediatric Surgery: A Comprehensive Textbook for Africa and Developing Countries. Global-HELP Organization ; 2010 Jun.
3. Cardiovascular Physiology. Paediatric Surgery: A Comprehensive Textbook for Africa and Developing Countries. Global-HELP Organization ; 2010 Jun.
4. Respiratory Physiology. Paediatric Surgery: A Comprehensive Textbook for Africa and Developing Countries. 2010 Jun.
5. Mark **Newton, M**D FAAP. Principles of Reconstructive Surgery in Africa: First Edition. 2013 Jul;1-13.

Presentations

Internal Grand Rounds

1. Vanderbilt University Medical Center, Department of Anesthesiology; Nashville, Tennessee. 2007 Oct; Anesthesiology Development in East Africa.
2. Institute of Global Health Grand Rounds, Vanderbilt University Medical Center; Nashville, Tennessee. 2009 Jun; Ten Year Review of Anesthesia Development in Low Income Countries.
3. 7. Vanderbilt University Medical Center, Department of Anesthesiology Grand Rounds; Nashville, Tennessee. 2009 Jun; Impact of Parallel Anesthesia and Surgical Provider Training in East Africa: A Model for a Resource Poor Setting.

External Grand Rounds

1. University of Colorado Health Sciences Center, Denver Children s Hospital; Denver, Colorado. 2008 May; Pediatric Anesthesiology Development in Africa.
2. Grand Rounds. University of Texas Health Sciences Center, Department of Anesthesiology; Texas. 2009 Aug; Impact of Parallel Anesthesia and Surgical Provider Training in Sub-Saharan Africa: A Model for a Resource Poor Setting.
3. Mark Newton, MD. Pediatric Grand Rounds. Arkansas Children's Hospital Department of Pediatrics; Little Rock, Arkansas. 2014 Sep 23; Impacting Child Mortality Rates in Sub-Sahara Africa-Surgery, Anesthesia and Critical Care.
4. Mark Newton, MD. Grand Rounds: Combined Surgery and Anesthesiology. University of Arkansas Medical Center: Department of Surgery; Little Rock, Arkansas. 2014 Sep 23; Pediatric Surgery and Anesthesia Capacity Building in Sub-Sahara Africa: A Public Health Priority?.

Presentations at Scientific Meetings

1. CRASH Anesthesiology Review Course. University of Colorado Health Sciences Center, Department of Anesthesiology; Denver, Colorado. 2004 Feb; Aspects of International Anesthesiology.
2. 2009 Surgical Burden of Disease Annual Meeting. 2009; Impact of Parallel Anesthesia and Surgical Provider Training in East Africa.
3. All-Africa Anaesthesia Conference (AAAC) 2009 Congress Lectures. All-Africa Anaesthesia Conference; Kenya. 2009 Sep; Neonatal Surgery in Rural Africa, Traumatic Brain Injury Management in the Rural African Setting.
4. All-Africa Anaesthesia Conference (AAAC) 2009 Refresher Course Lectures. All-Africa Anaesthesia Conference; Kenya. 2009 Sep; Neonatal Emergency Surgery, Paediatric Surgery in Rural Africa, Paediatric Trauma in Low Income Countries (LIC).
5. International: General Pediatric Session. 2012 World Congress of Anesthesiology. 2012 World Congress of Anesthesiology; Buenos Aeres, Argentina. 2012 Mar 26; Where there is no Pediatric Anesthesiologist: An African Perspective.
6. International Education Session, International presenters. 2012 World Congress of Anesthesiology. 2012 World Congress of Anesthesiology; Buenos Aeres, Argentina. 2012 Mar 27; Foreign Aid-cycle of dependency-what can be done?.
7. Update Lecture Sessions. 2012 World Congress of Anesthesiology. 2012 World Congress of Anesthesiology; Buenos Aeres, Argentina. 2012 Mar 28; Neonatal Surgery in Rural Africa.
8. International. 5th All-Africa Anaesthesia Congress. World Federation Society of Anaesthesiologist and Egypt Society of Anesthesiology; Cairo, Egypt. 2013 Apr 9; Pediatric Trauma.
9. International. 5th All-Africa Anaesthesia Congress. World Federation Society of Anesthesiologist and Egypt

Society of Anesthesiology; Cairo, Egypt. 2013 Apr 10; ICU with Limited Resources.

10. Ban Sileshi Presenter abstract, M Newton, first author. 2015 CUGH Global Health Conference. Consortium of Universities for Global Health (CUGH); Boston, Massachusetts. 2015 Mar 26; Poster Abstract: Operative Trauma in a Tertiary Care Center in Kenya: A Perioperative Data Collection Tool.
11. B Sileshi, presenter; M Newton senior, last, author. 2015 CUGH Global Health Conference. Consortium of Universities for Global Health (CUGH); Boston, Massachusetts. 2015 Mar 26; Poster Abstract: Surgical Apgar Score and Safe Surgery Checklist Use in Kenya: Premliminary Results of over 3,000 cases at a Single Tertiary Care Center.
12. B Sileshi, M Newton, 2nd author on abstract. AUA 62nd Annual Meeting. IARS; Nashville, Tennessee. 2015 Apr 23; Poster Abstract: Implementation of a Novel Data Collection Tool in a Low and Middle-Income Country.

Invited Presentation - Local

1. CRNA and RNOR Meeting. Monroe Carell Jr. Children's Hospital at Vanderbilt; Nashville, Tennessee. 2009 Aug; Interesting Pediatric Surgical Cases in East Africa.

Invited Presentation - Regional

1. Mark Newton and Brad Sumrow (resident). Visiting Professorship Resident Lecture. University of North Carolina Chapel Hill Department of Anesthesiology; Chapel Hill, North Carolina. 2013 Aug 20; Safe Global Anesthesia: Resident Journal Review.

Invited Presentation - National

1. 2010 Surgical Burden of Disease Annual International Meeting. Vanderbilt University Medical Center; Nashville, Tennessee. 2010 Feb; Task Shifting: Stretching the Anesthesia Coverage in East Africa.

Invited Presentation - International

1. Anaesthesia in Developing Countries 2012. Oxford University (UK) Department of Anaesthesia; Kampala, Uganda. 12 Nov 20; ICU in Resource Poor Setting.
2. Anaesthesia in Developing Countries 2012. Oxford University (UK) Department of Anaesthesia; Kampala, Uganda. 12 Nov 20; Pediatric Anesthesia in Africa.
3. World Medical Mission, Prescription for Renewal Conference. World Medical Mission; 2004 Oct; Missionary Medicine Seminar: Regional Anesthesia in Africa.
4. 2011 Pan-Africa College of Christian Surgeons (PACCS) Annual Scientific Meeting. Pan-Africa College of Christian Surgeons (PACCS); Kenya. 2011 Jan; Anaesthesia Pharmacology and Physiology for the Surgeon in Africa.
5. Oxford Faculty, Australia, University of London. University of Oxford: Anaesthesia in Developing Countries Course. University of Oxford:Nuffield Division of Anaesthesiology; Kampala, Uganda. 2012 Feb; Critical Care in Resource Poor Settings.
6. Oxford Faculty, Australians, U of London. University of Oxford: Anaesthesia in Developing Countries Course. University of Oxford: Nuffield Divison of Anaesthesiology; Kampala, Uganda. 2012 Feb; Paediatric Anaesthesia in Resource Poor Settings.
7. Oxford Faculty, University of London. University of Oxford: Anaesthesia in Developing Countries Course. University of Oxford: Nuffield Division of Anaesthesiology; Kampala, Uganda. 2012 Nov 10; Critical Care in Resource Poor Settings.
8. Osford Faculty, University of London. University of Oxford: Anaesthesia in Developing Countries Course. University of Oxford: Nuffield Division of Anaesthesiology; Kampala, Uganda. 2012 Nov 10; Paediatric Anaesthesia in Africa: Difficult Cases.
9. Mark Newton, MD. Anaesthesia for Developing Countries. Oxoford University (UK): Nuffield Department of Anaesthesia; Kampala, Uganda. 2014 Nov 1; Critical Care in Africa: Keep it Simple.
10. Mark Newton, MD. Anaesthesia for Developing Contries. Oxford University (UK): Nuffield Department of Anaesthesia; Kampala, Uganda. 2014 Nov 1; Paediatric Anaesthesia in Africa: Clinical Practice.

Problem based learning discussion

1. All-Africa Anaesthesia Conference (AAAC) 2009 Congress Lectures. All-Africa Anaesthesia Conference; Kenya. 2009 Sep; Paediatric Emergency Abdominal Surgery.

Panel Presentation

1. 2010 Surgical Burden of Disease Annual International Meeting. Vanderbilt University Medical Center; Nashville, Tennessee. 2010 Feb; Breakout session leader for anesthesia development in Africa: Next Steps.

Other

1. Merritt G, Newton M, Morrison J, Loftness, S. American Society of Regional Anesthesia Annual Meeting.

American Society of Regional Anesthesia; 1995 Apr; Poster Presentation: Effects of the Addition of Epinephrine on the Physical Properties of Neonatal Spinal Anesthesia.

2. Merritt G, Newton M. American Society of Regional Anesthesia Annual Meeting. American Society of Regional Anesthesia; 1995 Apr; Poster Presentation: Ten Year Reevaluation of Pediatric Pain Management in U.S. Burn Units.
3. Algren J, Newton M, Nahrwold D, Higgins, M. Society for Education in Anesthesia (SEA) Annual Meeting. Society for Education in Anesthesia (SEA); 2009 Jul; Poster Presentation Abstract: International Anesthesia Training Develops ACGME Competencies while Encouraging Participation in International Healthcare Services.
4. 2012 World Congress of Anesthesiology (WCA). World Congress of Anesthesiology; Beunos Aires, Foreign, Argentina. 2012 Mar 1; Sessions Chair: General Pediatrics(1) and Regional Opthalmic Anesthesia (1).

Visiting Professor

1. Mark Newton, MD. Grand Rounds: Visiting Pofessorship. University of North Carolina-Chapel Hill, Department of Anesthesiology; Chapel Hill, North Carolina. 2013 Aug 21; Anesthesia in Sub-Sahara Africa: A Public Health Issue.
2. Grand Rounds: Visiting Professor. Cleveland Clinic Anesthesiolgy Institute; Cleveland, Ohio. 2014 May 7; Anesthesia in Sub-Sahara Africa: A Public Health Issue?.