

## 2013 Global Missions Health Conference

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**Accreditation** This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education through the joint sponsorship of the Christian Medical & Dental Associations (CMDA) and the Southeast Christian Church. Christian Medical & Dental Associations is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

**AAFP** - Application for CME credit has been filed with the American Academy of Family Physician. **Determination of credit is pending.**

**Dentist Credit** This activity has been planned and implemented in accordance with the standards of the Academy of General Dentistry (AGD) Program Approval for Continuing Education (PACE) through the joint program provider approval of Christian Medical & Dental Associations and Southeast Christian Church.



The Christian Medical & Dental Associations is designated as an Approved PACE Program Provider by the Academy of General Dentistry. The formal continuing education programs of this program provider are accepted by AGD for Fellowship, Mastership and membership maintenance credit. Approval does not imply acceptance by a state or provincial board of dentistry or AGD endorsement. The current term of approval extends from 1/1/2011 to 12/31/2014. Provider ID # 218742

**Nursing Credit** – Certificate of Participation

**Nurse Practitioner** - This program is approved for 7 contact hours of continuing education by the American Academy of Nurse Practitioners. Program ID 1310396 This program was planned in accordance with AANP CE Standards and Policies and AANP Commercial Support Standards.

**Physician Assistant** - AAPA accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*<sup>TM</sup> by an organization accredited by the ACCME or a recognized state medical society. Physician assistants may receive up to 7 credits.

**Physician Credit** The Christian Medical & Dental Associations designates this educational activity for a maximum of 7 *AMA PRA Category 1 Credits(s)*<sup>TM</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### Objectives:

#### Patient Care: Treating Direct Patient Needs

- List several current health issues important for global travel preparation
- Identify at least 3 tropical skin conditions common in developing countries
- Describe 2 diseases that are emerging infections
- Review diarrhea and malaria self-treatment options
- List important causes of 8 common fever syndromes
- Describe the rationale for a syndromic approach to fever in the tropics
- Discuss malaria prevention for several different risk scenarios
- List the steps of treatment of severe acute malnutrition
- Review the current treatment of parasites within and outside of the US
- Describe how to control symptoms of a patient with a parasitic infection
- Discuss current research on future treatments of parasitic infections
- Recognize important vitamin and mineral deficiencies in developing countries

#### Missions Preparation: Preparing Domestic, Global, Short Term, Long Term Healthcare

- Prepare for service with government hospitals and in national healthcare systems
- Prioritize complex cultural, security, regulatory, and customs tasks essential to a successful cross-cultural short-term mission
- Develop plans for a well-organized short-term healthcare team that allows ministry within the team and with patients
- Examine how to improve the effectiveness and cohesiveness of a healthcare team
- Discuss ways to improve the effectiveness and cohesiveness of a healthcare team
- Discuss the importance of wellness and health in employees in successful worksites

- Discuss how short-term healthcare workers can train locals to provide healthcare
- Discuss how a short term healthcare team can train and empower locals to carry on with the work long after a healthcare team has left
- Describe how to train and equip local healthcare providers to sustain healthcare long after the healthcare team has left the location
- Discuss the long term benefits of short term teams to teach healthcare professionals overseas compared to just providing direct clinical care to local patients
- Distinguish between medical mission methods that give short-term results and those that give long-term results
- Prepare long-term healthcare teams to provide holistic healthcare in developing countries
- List ways which participants' health-care can contribute to improved nutrition in the communities and regions in which they practice
- Discuss how to communicate effectively staff to staff and staff to patient communications in the healthcare setting
- Match the four co-workers in short-term missions with the role each plays
- Describe how to handle interpersonal conflicts efficiently
- Manage interpersonal conflicts efficiently
- Identify barriers to inter-cultural interaction
- Discuss several issues related to the use of translators and interpreters in teaching cross-culturally and how to minimize their effects
- Discuss proper use of an interpreter and why professional interpreters are preferable in healthcare
- Measure effective cross-cultural interactions
- Articulate the importance of understanding the local health care system when working cross-cultural
- Discuss how to provide holistic healthcare in an environment that is closed to Christian holistic healthcare
- Discuss at least one example of how local health beliefs may impact the relationship with and care of patients in another culture
- Create strategies to improve cross-cultural medication counseling
- Describe cultural barriers to medication adherence
- Describe at least one appropriate approach to improve Cultural Intelligence
- Share some practical insights when building a community health and development program
- List three keys to building successful integrated community healthcare ministries
- Identify transformational indicators used to measure the success of an integrated Community Health program
- Discuss pros and cons of living in the neighborhood where you provide healthcare
- Identify assets found in a neighborhood instead of needs
- Describe how community engagement helps workers own their problems and solutions
- Identify emerging trends, opportunities and requirements for training of front line health workers
- Describe how those trends relate to the challenges faced in implementing qualified frontline workers in underserved areas
- Describe medical rotations that are available internationally and domestically
- Describe steps to take to successfully complete a medical mission rotation
- Describe how providing healthcare in frontier areas requires Improvisation
- Discuss the challenges and rewards of serving internationally as a single healthcare professional
- Discuss questions and answers concerning missionary employment as a healthcare professional
- Illustrate how healthcare provider put themselves at risk when practicing in developing countries
- Discuss accident prevention and culture shock mitigation strategies
- Describe the main sources of challenge to mental health of cross-cultural medical workers and the signs of emerging burnout
- Describe at least three cognitive-behavioral strategies that can be utilized to improve mental self-care and burnout management
- List indications for vaccinations recommended specifically for long-term expatriates
- Prepare for emotional and spiritual struggles inherent to long term mission hospital service
- Record reasons to take a routine spiritual history
- Discuss why not taking a spiritual history could be harmful
- List some of the currently available spiritual history instruments
- Discuss models and strategies for faculty development that build faculty and leaders who are anchored in Christian principles and effective educators
- Describe how to be a mentor, how to find a mentor and how to teach others to be mentors
- Apply experience from medical missions to help overcome challenges of recruiting qualified healthcare professionals
- Apply the discussed strategies to develop international colleagues

- Explore the needs and opportunities globally to develop effective medical and health professions educators
- Compare the relative costs in terms of personnel and resources associated with teaching and clinically oriented teams
- Articulate common resource and cultural challenges which may be encountered in dealing with surgical emergencies in missions settings
- Discuss how to provide the best health care with limited medications, technology, help and understanding
- Describe challenges and some possible solutions to the provision of health care services in low resource setting
- Utilize available surgical and hospital facilities and equipment in a limited resource facility
- Determine the options for primary surgery in severely injured patients in a resource poor setting
- Implement the principles of evidence based medicine to delivery of critical care in resource limited settings
- Manage medical and surgical diseases in a resource limited setting
- Articulate changes in the dental healthcare environment occurring in various parts of the world

### **Global Health Issues: Major Existing Global Issues**

- Review the Millennium Development Goals (MDGs)
- Review the eight Millennium Goals that the United Nations formulated in 2001
- Discuss the progress of each of the eight goals of the United Nations
- Illustrate the inseparable relationship the three health-specific goals have with the other five goals
- List specific ways to work on these goals over the coming year
- Define what constitutes best practices in global health
- Review the four primary areas of global health practices
- Review a model that addresses the indigenous church and how it can impact community locals to meet the healthcare needs of the community
- Discuss the role of the church in community based social and healthcare for orphans and vulnerable children
- Explain the algorithms that can help provide high quality integrated care for sick children in resource-limited settings
- List five common issues that complicate providing services to children with disabilities in other cultures
- Describe methods of working with families who have children with disabilities in other cultures
- Identify a web of factors that promote and or resist adequate nutrition for children under two
- Describe the interaction of factors affecting nutritional status
- Record best practices and resources for improving child nutrition among vulnerable populations
- Manage childhood illnesses to prevent disease, disability, and death
- List the basic equipment needed for neonatal resuscitation in low resource settings
- List and perform the steps of neonatal resuscitation in a low resource setting
- Explain how to deliver evidence based medicine in resources limited areas for children with nephritic syndrome
- Explain the magnitude of the medical needs of the disabled
- Depict how to provide holistic care to the disabled in the developing world
- Discuss the links between disability and poverty
- Discuss difference between providing relief and development
- Trace the relationship of empowerment to improving health
- Create a parallel set of guidelines for evaluating empowerment outcomes
- Discuss the healthcare initiatives in Haiti
- Discuss the current development problems in Haiti including the responses and their impact
- Describe Haitian initiatives that have had success
- Evaluate what may be viable solutions to the problems in Haiti
- Discuss the state of orphans and vulnerable children today in Haiti
- Discuss how Asian cultures influence concepts of illness causation and treatment
- Review Asian culture-bound syndromes and how mental health conditions present differently in different cultures
- Enumerate the more prevalent health practices and beliefs in Asian ethnic groups
- Discuss the negative impact deformities have in the emerging world
- Explore ways to help the emerging world view deformities differently
- State at least 3 factors that present barriers to women's health in urban and global settings
- Discuss strategies for overcoming barriers and promoting women's health in urban and global settings
- Discuss holistic healing for women with disabilities
- Identify the signs that a patient may be a victim of trafficking
- Prepare to encounter a patient who might be a victim of trafficking
- Discuss the extent of human trafficking in the U.S.
- Delineate the unique approach that public health offers to counter-trafficking efforts

- List the areas where more research is needed to address trafficking in persons
- Discuss the impact human trafficking has on health
- Identify the ways that health professionals are uniquely suited to effectively prevent human trafficking
- Describe the ways that healthcare professionals can care for those who have been victims of human trafficking
- Identify characteristics, roles and functions of communities which are suited for HIV/AIDS ministry and programs
- Develop a specific individual and corporate plan of action for addressing HIV/AIDS within their communities
- Recognize the defining measures for medically underserved populations
- Develop research questions of importance to clinical professionals working with underserved populations
- Describe the process for answering research questions about the health of underserved populations
- Quantify the role and importance of primary care in caring for the underserved
- Determine the steps to respond to the needs of medically underserved people in the US
- Describe approaches to chronic disease prevention and management in underserved populations
- Describe the need for intensive care medical education in the field
- Define the spectrum of intensive care services
- Describe common conditions that dictate emergent surgical intervention in medical missions settings
- Identify tools and resources available to educate and train health care providers to improve skills and knowledge in intensive care
- List potential dental emergencies, presenting signs and symptoms and appropriate treatment
- Evaluate an oral lesion including appearance, character, size, duration and location
- Appraise an oral lesion in terms of possible systemic implications
- Assess the difference between an oral lesion and one that may respond to local measures
- Prepare for short-term volunteer projects in Africa to manage head and neck neoplasms
- Discuss presentation, histologic variety and treatment options for maxillary tumors in Africa
- Describe risk factors, diagnosis and treatment options for laryngeal cancer in Africa
- Apply the lessons learned from delivery of critical care at a Sub-Saharan African ICU to one's own setting

#### **Community Health and Development: Holistic Engagement**

- Screen for the health issues that may be effecting their patient
- Diagnose and treat the most common abdominal surgical problems
- Design research studies to be used in a primary care setting
- Discuss the basics of wound healing and closure
- Study the guidelines for choosing the correct suture and needle
- Identify the correct surgical knot tying methods (for right or left handed persons)
- Evaluate wound closure with a variety of suturing techniques
- Examine practical tips on improving suturing techniques
- Evaluate how clinical and public health interventions impact the bottom line of business
- Describe "hands on" treatment options to assist in reducing shoulder pain and restoring functional movement of the shoulder joint
- Discuss the importance of the healthcare professional as a catalyst to organize and train
- Explain how compassion, touching more than the body is necessary for holistic healing
- List ways to provide peace, healing and wholeness to a suffering patient
- Deliberate how to practice healthcare as a ministry to the suffering
- Describe the different approaches to microfinance: credit-led and savings-led
- Articulate the rationale for integrating health initiatives into microfinance program
- Identify resources and collaborative partners to help build and expand programs
- Describe the worldwide need for current medical education training
- Prepare for and find opportunities to work in Medical Universities worldwide
- Outline a strategy for managing common surgical emergencies in missions hospital settings, including common general surgical and obstetric emergencies
- Identify the impact of teaching resuscitation on a regular basis
- Discuss how nursing is both the same and different in other countries
- Identify the most common non-communicable causes of morbidity and mortality in several world regions

## Disclosure

As a sponsor accredited by the ACCME, the Department of Continuing Education of Christian Medical and Dental Associations, must insure balance, independence, objectivity, and scientific rigor in all its sponsored educational activities. All faculty and planning committee members participating in this CME Symposium were asked to disclose the following:

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