NEW BOOK: Communicable Diseases for School and Community Health Promotion
French Version: Maladies Transmissibles: Promotion de la Sante Scolaire et Communautaire
Author: Prof. Martin Ayim

- Advocacy for Youth Empowerment Through Health Education and Health Promotion Curriculm in Schools from Kindergarten, Secondary Schools, High Schools, Universities, Schools of Nursing, Medical Schools, Schools of Public Health, and Technical Institutions of Higher Education

Youtube Video: http://youtu.be/HzxN6QOoTmk
CNE Audio Presentation: http://cneritv.radio12345.com/
Greetings to everyone reading or listening to me:
I am Martin Ayim, born in NGWENJIN Village in Azem Clan Widikum Ateh. YES, I am the same person who played football with PWD Bamenda and attended the Nursing School Bamenda for both Brevete and Diploma programs. I played for the Cameroon Junior National Team in 1973. I also worked at the Provincial Delegation of Health, Preventive Medicines Bamenda, Nwa Hospital, and Ndu Health Center. I coached Ndu Tea Challengers to their first Provincial Championship and Interpools Competition in 1980. Attended Indiana University Bloomington, IN, and Texas A & M University, College Station, Texas. Currently, .............
Scholarly and Research Award From the President of Grambling State University 2012
Before Book Promotion Interview with Grambling State University Media Relations February 6, 2012
I am pleased to present my New Book to the public.

It is titled “Communicable Diseases for School and Community Health Promotion”

This book is receiving positive review from scholars and professionals internationally (South Africa, Nigeria, Iran, Cameroon, Eritrea, UK and USA).
Focus of the book is education about and the prevention of Communicable Diseases.

I have discussed 132 communicable diseases in ways to benefit any person reading the book.

I strongly recommend this book for adoption and for use in Secondary Schools, High Schools, Colleges & Universities as a first step toward Primary Prevention and education of the mind. Knowledge is Power. This book has unique features combined:
FEATURES & UNIQUENESS OF THE BOOK

- Starts with discussion of principles of Infectious disease epidemiology.
  - 1. Definition and clarification of Terms and concepts Ch.1
  - 2. Immunization and types of immunization
  - 3. Rates and Ratios with formulae for calculations
  - 4. Discusses virus and viral infections
  - 5. Discusses bacteria and bacterial infections
  - 6. Discusses fungi and fungal infections
  - 7. Discusses metazoal and metazoal infections
  - 8. Each of the 132 Communicable diseases is described under 10 headings.
9. Diseases are classified by infectious agent and mode of transmission (e.g. viral diseases transmitted by...)
10. Each Chapter has links for further research
11. Each Chapter has questions for discussion and revision for exam if preparing for an exam
12. 20 Chapters grouped into 7 Sections
13. Sectional Bibliography
14. Subject Index
15. Easy to understand
ANY NEED FOR THIS BOOK?

According to the World Health Organization, 17 million deaths occur yearly from Communicable diseases.

THERE IS NO PRIMARY PREVENTION

- Through a
- Comprehensive School Health Education Curriculum in Cameroonian Schools starting from Kindergarten.
THE NEED--1

1. HIV/AIDS is killing youths across the board in every country everyday.
2. Swine Flu (H1N1 Virus) has swept across South America, the USA and the World with over 4000 dead.
3. Cholera is coming back.
4. Malaria is ever present in the tropics
5. Tuberculosis, sleeping sickness are common.
6. Intestinal parasites (Worms) are common.
Because of these deaths among youths, The Old are burying the young, a reversal of trend when the young should be burying the Old. Lack of Education being at the root is the real motivation for my writing this book on “Communicable Diseases for School and Community Health Promotion” to start a Curriculum-oriented journey to address the problem.

I must express appreciation to Non Profit organizations, foundations, governments, researchers, WHO for the work done so far related to disease prevention. My contribution is different for developing countries---CURRICULUM
While in Nursing School Bamenda, we had a Community outreach session in 1979 and I remember how difficult it was in Bambui to convince locals that Worms are not part of the gastrointestinal tract. From then, I made up my mind to set out to where I am (USA) and to do what I have started (write books to start a Curriculum) to address the health education problem in developing countries in a culture-appropriate, age-appropriate, and readability-appropriate manner.
Health education messages must be tailored in cognizance of Cultural values. I feel it is time to take health education to our Schools as part of the Curriculum. Someone out there should advocate for Governments to adopt this book and make it mandatory for schools and professional institutions community health programs, & Universities in the Nation. There is NEED!
Public health officials in Cameroon say nearly 500 people died of Cholera in August 2011, and 13,000 cases were reported in the country in the year, 2011.

Prof. Gervais Ondobo Andze, the Director of disease control at the Ministry of Public Health, once told journalists that nine of the country's 10 regions are affected by cholera, an intestinal infection caused by ingestion of bacteria-contaminated food or water.

(August 17, 2011|From Tapang Ivo Tanku, for CNN)
THE NEED—6 HIV/AIDS

HIV/AIDS in Cameroon

- Population in 2009: 18,900,000
- People living with HIV/AIDS in 2009: 610,000
- Women (aged 15+) with HIV/AIDS in 2009: 320,000
- Children with HIV/AIDS in 2009: 54,000
- Adult HIV prevalence (%): 5.3
- AIDS deaths, in 2009: 37,000
- Orphans due to AIDS aged 0 to 17: 330,000

Source: Population Reference Bureau & UNAIDS
The Need—7 Malaria

Results of a research conducted in 2010 by Kimbi et al, in Molyko Bomaka and Buea areas showed overwhelming prevalence of Malaria among Cameroonian School Children.

<table>
<thead>
<tr>
<th>School</th>
<th>Enrollment</th>
<th>#Tested</th>
<th># Positive</th>
<th>% Positive</th>
</tr>
</thead>
<tbody>
<tr>
<td>Group 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molyko/Buea</td>
<td>259</td>
<td>110</td>
<td>39</td>
<td>32.5%</td>
</tr>
<tr>
<td>Group II</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Molyko/Buea</td>
<td>235</td>
<td>80</td>
<td>21</td>
<td>26.25%</td>
</tr>
<tr>
<td>C.S Muea</td>
<td>445</td>
<td>183</td>
<td>99</td>
<td>54.1%</td>
</tr>
<tr>
<td>G.S Bomaka/Buea</td>
<td>428</td>
<td>169</td>
<td>154</td>
<td>91.12%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>1367</td>
<td>542</td>
<td>313</td>
<td>56.7%</td>
</tr>
</tbody>
</table>

According to a research by J. Awah Ndukum et al. Published in Veterinary Medicine International Journal, 2010, In Cameroon a current annual TB incidence of over 200 cases per 100,000 populations has been estimated but its control, as in most African countries, is hampered by unfavorable socioeconomic conditions, the interaction with the HIV epidemic, and widespread of anti-TB drug resistance. A strong positive linear relationship exists between TB and HIV/AIDS among the general adult population and adults with TB in Cameroon with HIV seroprevalence in TB patients serving as a “sentinel” for HIV seroprevalence in the general population. TB is the most opportunistic disease of immunosuppressed individuals in the country and can occur at different stages in the course of HIV infection.
The Need-9 Sleeping sickness

- In the last 10 years, over 70% of reported cases occurred in the Democratic Republic of Congo (DRC).
- In 2010, only the DRC declared over 500 new cases per year.
- Angola, Central African Republic, Chad, Sudan and Uganda declared between 100 and 500 new cases per year.
- Countries such as, Cameroon, Congo, Côte d'Ivoire, Equatorial Guinea, Gabon, Guinea, Malawi, Nigeria, United Republic of Tanzania, Zambia and Zimbabwe are reporting fewer than 100 new cases per year.

Source: http://www.who.int/mediacentre/factsheets/fs259/en/
In a study carried out in four Villages of Makanene subdivision in 1994 to find out the Prevalence of schistosomiasis and other intestinal helminth infections among senior primary school children in Cameroon by Akufongwe, Onwuliri, Titanji & Okwuosa and published in J. Helminthol Journal, they found out that Infection rates with intestinal nematodes (round worms) were very high, up to 98% in some villages. That, Prevalence rates of schistosomiasis varied significantly between villages with the highest 36.2% recorded in Makenene.

Source: Applied Parasitology Unit, University of Jos, Nigeria
In a study conducted by Simon Brooker, Christel Donnelly & Helen Guyatt and reported in the Bulletin of the WHO in 2000, Estimate of the Prevalence of helminthic (Roundworm) infection using data obtained from School Children alone showed 46.2% rate of infection in Cameroon.

That same study reported 53.4% infection rate for Trichuris trichiuria (Whipworm); 14.7% Hookworm infections, 9.5% for Schistosoma Hematobium (bladder infection) & 5.7% for Schistosoma Mansoni.

Source: Bulletin of the WHO, 2000, 78(12)
My Professional Philosophy

"Good Health is the Foundation of Life and Success"
(Ayim, 2003)
My Professional Philosophy

The aim of education must be the training of independently acting and thinking individuals who, however, see in the service to the community their highest life problem.--Albert Einstein.
You see things and you say “WHY?”. But I dream things that never were and I say “WHY NOT?”

(George Bernard Shaw)

Where there is no vision, there is no hope.

(George Washington Carver)
Philosophy

Research is “to see what everyone has seen and think what no one has thought” (Albert Szent-Gyorgi)
Serenity Prayer

"God grant me the Serenity to accept the things I cannot change, Courage to change the things I can, and Wisdom to know the difference" (Reinhold Niebuhr).

Yes, certain things and some people you cannot change, no matter what you do. Leave them alone and move on. Prince Nico Mbarga once sang that “a bended tree cannot be straightened, if you want to force it, it will welenga”.

Good message, good rhythm, not so good English though.
What is Comprehensive School Health Education?

COMPREHENSIVE SCHOOL HEALTH EDUCATION (CSHE) is the framework for teaching health education and health promotion in Schools from Kindergarten.

We have to start somewhere to address this problem holistically through a CSHE Curriculum from Kindergarten through Secondary Schools.

*****Health Education and Health Promotion Should be a subject at GCE ‘O’ Level.
I recommend that CSHE in developing countries should have two Core Content Areas to address a variety of holistic health needs and concerns. These Content areas are:

1. **Communicable Diseases Education & Prevention**
2. **Personal and Community Health (Education & Prevention of Non Communicable Diseases)**

CSHE Should have a sequence and scope and progress from general concepts to specifics with goals and objectives as students move forward.
At High School and University Levels

1) At High School Health Education and Health Promotion should be taught as a subject (GCE A Level)

2) At University and Schools of Public Health there should be Degree Programs for Health Education/Promotion in Community Health Departments at BS, Masters and Ph.D. with School Health Promotion and Community Health Promotion Specializations.

Graduates from these programs are Professionals.
Facts about Health Education and Health Promotion

Health Education and Health Promotion:

1. Is a PROFESSION approved by the United States Department of labor.

2. It is an Academic discipline with possibilities of progression from Associate Degree to Ph.D.

3. It is an Applied Health Science, Social Science, and a Behavioral Science.

Furthermore, it is interdisciplinary drawing its content from public Health, strategies from education, behavior change from psychology, social values from sociology and measurement and evaluation from statistics.
Upon Graduation with BS, MS or Ph.D., from accredited Programs as Professionals, they seek Certification as Certified Health Education Specialist (CHES) in line with International Expectations by the National Commission for Health Education Credentialing, Inc (NCHEC), USA.

- CHES for BS Holders
- MCHES for MS and Ph.D. Holders.
My Professional Expertise

1. Sound Academic Preparation (Indiana University, Bloomington, IN & Texas A & M University, College Station, Texas)

2. 20 years of Teaching Health Promotion at Grambling State University Louisiana.

3. Built a successful Health Promotion Curriculum in a University

4. Served on Louisiana State Task Force for Grade Level Expectations for Health Education (GLEs)
5. Leadership Positions in Professional Organizations

6. Community Outreach Projects through Federal Grant in the USA

7. National Certification (MCHES) in Health Education/Promotion in the USA

8. Executive Director, Minority Health Promotion Initiative, Inc. (www.minorityhealthpromotion.com) a community service Non Profit Organization benefitting Communicable Disease Projects in Underserved areas.
HONORS AND AWARDS

Research and Scholarly Award at Grambling State University 2012
Endowed Professorship in Department of KSLS, Grambling 2009
Faculty Service Award at Grambling State University, 2008
Community Service Award-Bastrop Morehouse Parish 2006
Ethnic Minority Award of the Year in Louisiana 2005
Health Educator of the Year in Louisiana 2004
Benefits of CSHE to the Nation

- Increased quality of life of citizens
- Increased Life expectancy
- Increased economic productivity (healthier population)- rise in GDP)
- Decreased national expenditure on health care
- Reduced mortality rates
- Higher employment among youths
- More Health literate population
- Better and more competitive athletes
- Healthier minds result to happy intelligent citizens
APPEAL TO NATIONAL BOOK ADOPTION COMMITTEES

Start a national journey to Primary Prevention in our Schools by adopting this textbook in our nation’s:

1. Secondary Schools (Form Four & Five),
2. High Schools (upper and Lower 6th)
3. Professional Schools,
4. Schools of Nursing (public & private),
5. Technical institutions
6. Community Health Departments in Universities to build BS, MS, Ph.D., Programs in Health Education and Health Promotion. Grambling State University, Louisiana, USA has adopted it already.
APPEAL TO GOVERNMENTS IN DEVELOPING COUNTRIES

Because of the numerous benefits to the Nation I have cited and because there is a NEED,

I strongly recommend that you APPROVE AND FUND CURRICULUM IN

**HEALTH EDUCATION & HEALTH PROMOTION**

WITHIN THE FRAMEWORK OF

**COMPREHENSIVE SCHOOL HEALTH EDUCATION**

IN SCHOOLS STARTING FROM KINDERGARTEN

I can serve as National Consultant for the Curriculum
A Candle Loses Nothing by Lighting another Candle (anonymous)

There are 330,000 Orphans of Victims of HIV/AIDS alone in Cameroon as 2012

The goal for my Non Profit Organization is to provide humanitarian assistance in form of academic scholarships to as many Orphans of Victims of Communicable diseases as I can.
My Non Profit Organization

My Tax-exempt Non Profit organization is Minority Health Promotion Initiative, Inc

www.minorityhealthpromotion.com

Contact: atakyen2002@yahoo.com
SCHOLARSHIP TO ORPHANS

To donate towards scholarship assistance to orphans of Victims of Communicable Diseases and Prevention Initiatives, go to: www.minorityhealthpromotion.com and click on Community Outreach link.

In the USA and Canada, You get a FREE book with a donation of $100 and above.

THANK YOU FOR SUPPORT
Dear Prof. Ayim;

My name is George Anyumba, a Kenyan citizen resident of Maryland, USA.

I am currently pursuing a Doctorate degree in Public Health (DrPH). As a student of PH, and given my experience growing up in rural villages in Kenya, your initiative is the best thing which can happen to developing world. In that end I am interested in supporting what you do to help our countries realize the importance of Public Health in school curriculum.

Please include me in your mailing list for any communications there from.

Thank you, and may this noble initiative carry Kenya and the rest of developing world to new knowledge (February 14, 2012)
“Communicable Diseases for School and Community Health Promotion”, authored by Dr. Martin A. Ayim, focuses on both school and community settings, and is intended to provide health education students and professionals, especially health educators and epidemiologists, with information needed to empower them to educate people about the transmission, investigation, and control of various infectious diseases. The author’s approach in describing the transmission of communicable diseases is intended to enhance the comprehension of new concepts by non-health professionals and also to serve as a quick reference (material) for students enrolled in a kinesiology (health education) courses. The book is highly recommended for use by medical doctors who are engaged in diagnosing and treating patients with various forms of communicable diseases.

(Dr. Christopher Atang, Professor Houston Community Colleges)
From a pedagogic point of view, the book contains valuable information needed by health educators and/or professionals. As a textbook (if adopted), students will greatly benefit by using it for courses in infectious diseases, epidemiology and communicable diseases at undergraduate or graduate levels in colleges. Schools of Public Health, Schools of Nursing, Departments of Health Education and Health Promotion, Schools of Community Health, Health Science Centers, and Schools of Tropical Medicine will benefit immensely from this book. Readers would find the book very useful in making quick and easy references, revision of health terminologies, understanding concepts, and descriptions of various communicable diseases. The book provides ‘easy reading’ by non-health students and non-health professionals who may want to educate themselves about the over 132 communicable diseases discussed in the book. Therefore, it is highly acclaimed and recommended for Colleges and Universities by health education and/or health promotion professionals because of its metacognitive approach.

Dr. Christopher Atang (2012)
“This book is rich in content and the author has done an outstanding job in organizing and explaining the concepts. This book is certainly needed and will make a significant contribution to health education profession. It also has strong potential for cross-cultural and international use and possible translation into other languages”.

Mohammad R. Torabi, Ph.D., MPH, MCHES
Department of Applied Health Sciences
Indiana University, Bloomington, Indiana
“Students and faculty will benefit immediately from Dr. Ayim's book and will be grateful for his contribution to their education. The book is laid out to enhance progressive understanding of terms and concepts, making it excellent resource for introductory college-level course of Infectious Diseases in Colleges, Schools of Public Health, and for general reading. Long range benefits will be experienced by patients and clients who will be served by the health professionals for whom this text is intended”.

Dan R. Denson. Ed.D., C.H.E.S.
Professor of Health Education
McNeese State University Lake Charles, Louisiana
“The textbook on Communicable Diseases for School and Community Health Promotion is an excellent reading covering 20 chapters of important health education information. The author introduces readers to the basics of communicable diseases. The book is highly recommended for school and community settings. Implications are evident for world-wide communicable diseases and public health awareness”.

Willie Daniel, Ph.D.
Department Head, Kinesiology, Sport and Leisure Studies (KSL) 
Grambling State University, Louisiana
Your book on Communicable Diseases for School and Community Health Promotion is well titled. I have read the brilliant introduction and preface to the book. I need to read the book myself. I certainly will make an announcement about the book at the upcoming Cameroon Group Gala night to which I belong and current Chairman of the Board of Governors. Good job as always and you are not done yet. You cannot take the other books still buried in you to the grave yard in future. Keep the knowledge here on earth before you get to age 100+.

Francis Shey, BSN, MPH, LNHA
Regional Director of Quality Services and Risk Management
Elmcroft Senior Living
California Regional Support Center
1550 Hotel Circle North #330
San Diego, CA 92108
CCC000NNNNGGGGRRRAAAATTTUUULLLLLLAAATTIIIOONNNS
SS!!!

Tatah Mentan, Ph. D.
Minneapolis-St Paul, MN, USA
We join ICI CEMAC and others to congratulate you as well.


Anonymous

Sydney, Australia
Very Good. This is what Dr. Martin Ayim should focus on. His HealthCare Profession & authoring books of value. This is where Dr. Martin Ayim excels.

Dr. Martin Ayim needs to steer clear of politics and political activism for he is indeed horrible on matters of this nature.

Pa Fru Ndeh

Washington, DC, USA

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This is a great scholarly effort. I will buy one very fast. Dr. Ayim is simply multi talented. I congratulate him for this book. His other inclinations are his call to make. Dr. Ayim any upcoming book signings?

Julius Acham

Birmingham, AL, USA
Congratulations Prof.
Great work indeed. We are the richer for it.

Joel Kalle
Houston, Texas, USA

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Congratulation Dr. Ayim upon this great achievement! At a time when communicable diseases in all facets and name constitute a veritable threat to humanity, this piece; analytic, abstruse and, above all, simplistic in style, would be a "saving grace" in the hands of both the student and the teacher alike.

Again, congrats!

Acha Cliffort
Dallas, Texas, USA
Congratulations Dr Ayim. This is Dr Sam Foncham in Dallas, TX, the son of Pa Matthew Foncham, RN (1929-2000) who worked with you in preventive Medicine B'da. I was glad to see you in Dallas last summer and watching your daughter play soccer. Congratulations for your book. I hope to buy one. I am sure that my dad (in blessed memory) will be very proud of your achievement. This is what my dad told me when you left: As a mentor, I will never block the progress of any young man or woman, after all I have children too who will one day make it abroad. Sure, my dad was a man of inspiration. I am sure you know how my dad kept things in confidence. You have proven to the world that even in Cameroon, you can play very competitive sports (soccer) at the highest level (first division) and still be in the academic world. Once again Congratulations.

Sam Foncham, Ph.D.
Dallas, Texas, USA
Dear Dr. Ayim

Congratulations for this publication. I will look for it. Thank you for promoting excellence in scholarship.

Elias Bongmba, Ph.D.

Rice University, Houston, Texas, USA

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We Congratulate you on this scholarly product. Having been a PWD Bamenda football player, now professor, then now Author, You have made a statement that brings total respect to Footballers and Youths. We thank you.

Anonymous

Bamenda, Cameroon
Professor Ayim,

I have just bought a copy of your book “Communicable Diseases for School and Community Health Promotion”. I must express my appreciation for the way you laid out your content, especially in the description of the 132 Communicable Diseases. It is so clear and understandable. I strongly recommend this book to various Governments to adopt as textbook for Health education or Personal health or Community Health from Secondary Schools upward because our youths need to know how to prevent HIV/AIDS and others you have discussed so well. Congratulations on this book.

Gloria Smith

London, UK
I run a company which is a research driven firm focusing on the dissemination of information (through workshops and seminars) that empowers people and benefits corporate growth and profits. I would like to explore the possibilities of trying out your book title as a 2 to 3-day workshop in South Africa. This maybe a direct marketing tool for you in South Africa and Africa as a whole.

Anonymous

Johannesburg, South Africa
Congratulations, Dr Ayim.

Sincerely,

Dr. Mike Fonge
Professor of Sociology
Houston Community College
1550 Foxdale Dr. MC 1396
Houston, TX 77084
Tel: 713-718-5827
Cell: 281-451-9640
Email: mfonge2000@yahoo.com
Website: http://buealibrary.net
Dear Ma Rose

Thanks much for this information regarding a health book on communicable diseases as a way of health education and promotion for developing countries written by one of our brothers of Cameroon. Do you know I once wrote to this Professor to find out where he came from with the name AYIM as it is my Grandfather's Name?

However, I have now discovered he is from Widikum area, which I believe may be related to my ancestors in the past. Ma Rose, I accept that this is a good book and I will buy one for my personal use and to spread awareness on health and education of our new generation of citizens. Congratulations to the Professor.

Elie Tamufor

London, UK
Dr. Ayim,

Congrats for your very great book and your marketing ingenuity. I watched your video and you are really a force to reckon with, with all your achievements.

Again congrats and success.

Sir Johnny Mor
Houston, Texas
Congratulations Dr Ayim,

I am a Nigerian student taking Dr. Ayim’s Introduction to Communicable Disease class in which this textbook is used at Grambling State University. We the students love this textbook and is fascinating to read. The idea behind this book is very inspiring and informative. As a Nigerian student of Dr Ayim, it is good to see how we can give back to our country. It will be great to see how many lives will be touched with the proceedings from this book. I strongly recommend this book to any country. It is good.

Laure Manack

BSN Nursing, Grambling State University
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