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(i) (20120916) (1) Signing ceremony of MOU by Baharicom and GLORIAD at Stevens Institute of Technology on September 13, 2012, (2) GLORIAD International Board Mtg in Chicago, (3) Annual conference of CITI of Columbia University
<<http://tinyurl.com/95n723k>>

(j) GLORIAD World Map
<<http://tinyurl.com/awabmbd>>

(k) Utsumi, T., “The Global Knowledge Center Network (GKCN) with The Global University System (GUS)” (June 25, 2013)
<<http://tinyurl.com/o5l22ll>>

(l) Tim Lang and Geof Rayner, “Ecological public health: the 21st century's big idea?” (Earthscan/Routledge, 2012)
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(m) (04/18/08) "Social Mission" in medical field”
<<http://tinyurl.com/57dq94>>

(n) Onishi, Norimitsu, (2007), “In Japan’s Rural Areas, Remote Obstetrics Fills the Gap,” The New York Times, Norimitsu Onishi, April 8, 2007
<<http://tinyurl.com/5mjgb>h>

(o) Dr. Nii Quaynor’s video at the top of the left hand column;
“Microsoft beams Internet into Africa -- using TV 'white spaces'”
CNN News, September 23, 2013
<<http://www.cnn.com/2013/09/23/tech/innovation/microsoft-beams-internet-into-africa/index.html>>

**Dear Ashok:**
(1) Many, many thanks for your phone call a few days ago and for your msg with very kind words (**ATTACHMENT I** below).

Thank you also for many valuable information (References (a) to (h) above).  I read most of them and was impressed with the Reference (h) above.

(2) We accomplished the connection of the “Africa Coast to Europe (ACE)” ultra high speed (5 tera bps) optical fiber submarine cable with the GLORIAD (Global Ring Network for Advanced Application Development) last year (Reference (i) above).  It has now been extended to Nigeria, and to the South Africa by the end of 2014 (Reference (j) above).

(3) As mentioned elsewhere before, the broadband Internet is the very basic social infrastructure.  Hence, we will conduct long-range national forecasting with socio-economic-energy-environmental simulation models for our GKCN/GEWS project (Sections 4, 5, and 6 of Reference (k) above), which will obviously include a public healthcare sector — We may ask Dr. Geof Rayner’s guidance on its modeling — see the Section “Ecological public health and embracing complexity” of Reference (l) above.

(4) My father was obstetrician and wanted me to inherit his large hospital (\*).  I refused it as saying that I could not stand dealing with BLOOD!!  So, I am still sorry for him and interested in helping e-health — hopefully with the use of broadband wireless Internet in remote/rural areas — an example is the use of ultrasound for prevention of maternity and infant mortality — see Reference (n) above — hopefully with the use of broadband wireless (Reference (o) above).

(\*) Reference (m) above — you may like to read this through — it is completely opposite of many of present-day physicians like my younger brother in my home town in Japan who once visited your Mayo Clinic when he came to the US for study in 1950s.



Figure 1: Four Arts\_Edited by Prof. Asemota
<<http://tinyurl.com/mtborcr>>

Keep in touch.

Best, Tak

**ATTACHMENT I**

**From:** "Patel, Ashokakumar M., M.D." <[patel.ashok@mayo.edu](patel.ashok%40mayo.edu)>
**Subject: Greetings and followup
Date:** October 9, 2013 6:03:36 PM EDT
**To:** "['takutsumi0@gmail.com'](takutsumi0%40gmail.com%27)" <[takutsumi0@gmail.com](takutsumi0%40gmail.com)>

Dear Professor Utsumi, thank you once again for your update regarding e-learning and global network solutions.

As introduced, I am a practicing clinician and educator at Mayo Clinic in Rochester, MN with a profound respect for your work and vision. I have many students who are increasingly engaged in global health projects, but challenged by the variable access to quality resources for point-of-care decision-making.

I have attached a few items that may be of mutual interest in terms of global health frameworks, service learning (e.g. Rotary or Medical teams), and mHealth.

Best regards, Ashok

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