

**GERALD JOSEPH KOST, M.D., PH.D., M.S., F.A.C.B.**  
**EMERITUS CURRICULUM VITAE (since July 1, 2014, except “Education”)**

**EDUCATION**

Stanford University	B.S.	1967	Engineering
Universidad de Oriente, Curso de Post-Grado, Venezuela	Certificate	1967	Engineering
Stanford University	M.S.	1968	Engr.-Economic Systems [EEP]
M.D., Ph.D. Program:			
University of California, San Diego	Ph.D.	1977	Bioengineering
University of California, San Francisco	M.D.	1978	Medical Scientist
Stanford University [Honorary Alumnus]	Honorary	2003	Mgt. Sci. & Engr.
Fulbright Scholar, Chulalongkorn University, Bangkok	...	2003-04	POC Testing: Demography, Med., & Econ.

**EMERITUS PROFESSIONAL EXPERIENCE**

1995- now	Founding Director, POCT•CTR <sup>SM</sup> (Point-of-Care Testing Center for Teaching and Research)
2004-now	Affiliate Faculty, College of Populations Studies, Chulalongkorn Univ., Bangkok, Thailand
2014-now	Faculty in Comparative Pathology Graduate Group (renewed 5/19/14)
2014-current	Emeritus Professor, Pathology and Laboratory Medicine, School of Medicine, UC Davis
2015-new	Visiting Professor, Clinical Pathology, Siriraj Hospital, Mahidol Univ., Bangkok, Thailand

**EMERITUS PUBLIC SERVICE, EDUCATION, AND LEADERSHIP (before 7/1/14, there are ~150)**

- 2014 Point-of-Care Testing Training Workshop, Manila, Philippines
- 2014 Invited Keynote Speaker, The Spatial Care Path<sup>TM</sup> (including Ebola): Optimizing POC Testing from Rescue to ER & Intensive Care for Improved Outcomes, Inauguration and the First Academic Conference of the Specialty Committee of Emergency of the World Federation of Chinese Medical Societies, Longhua Hospital, Shanghai University, China
- 2014 Invited Keynote Speaker, Global Point of Care: An Overview of Needs Assessment, Environmental Stresses, the POC Coordinator, and What’s New; The Ebola Spatial Care Path<sup>TM</sup>: Accelerating Diagnosis at the Point of Need; and National Point-of-Care Testing Policy and Guidelines; Ministry of Public Health, Thailand (3 presentations)
- 2015 Global Point of Care and Ebola Preparedness Series of USA National/International Webinars, Whitehat Communications (see <http://www.whitehatcom.com/>)—10/30/14, 2/26/15, 7/2/15, 9/22/15, & 11/12/15
- 2015 Invited Speaker, Molecular Detection of Ebola Virus Disease and Point-of-Care Tests for Diagnosis and Monitoring to Stop Outbreaks, New Disease Areas and Global Health Topics, Point-of-Care Diagnostics Conference, San Diego, California
- 2015 Invited Planning Member, POCT Task Force, International Federation of Clinical Chemistry (IFCC), European Congress of Clinical Chemistry and Laboratory Medicine, EuroMedLab, Paris, France
- 2015 Invited Speaker, National Meeting, Philippine Council for Quality Assurance in Clinical Laboratories (PCQACL), Manila, Philippines: 1) Disaster Management and Ebola Preparedness, 2) Quality Issues for Point-of-Care Testing in a Resource-Limited Setting: Can IQCP Help?, and 3) How POCT Improves Care and Educates Physicians: Exciting Contemporary Examples and Innovative Opportunities (including the Mars Colony)
- 2015 Point-of-Care Coordinator Training, POC Forum, Manila, Philippines
- 2015 Invited Lecturer, Laboratory Preparation for Ebola: Accelerating Diagnosis at the Point of Need; International Symposium, POCT Task Force; IFCC, Cancun, Mexico
- 2016 Invited Speaker, Risk Mitigation and Innovative Quality Creation Programs: The New Individualized Quality Control Plan, Clinical Pathology, Siriraj Hosp., Mahidol Univ., Bangkok
- 2016 Invited Speaker, How POCT Improves Care & Educates Physicians, Bio-innovation Symposium, Taipei, Taiwan
- 2016 Invited Speaker, How POC Testing Can Add Value and Improve Outcomes, POC Forum, Taipei

Taiwan

2016 Keynote Speaker, National POC Testing Policy and Guidelines Development, Taiwan Association of Medical Technologists, Taichung; and POC Forum, Taipei; Taiwan

2016 Invited Speaker, How POC Testing Adds Value & Improves Outcomes, including the Role of the POC Coordinator; POC Testing Strategies for Rapid Diagnosis of Acute Myocardial Infarction; and POC Training; an Educational Lecture Tour of Vietnam (Ho Chi Minh City, Hue, and Hanoi)

2016 Award for Outstanding Contributions to Clinical Chemistry through Science/Technology: Point-of-care Testing, Ebola, & Disaster Preparedness; Amer. Assoc. for Clinical Chemistry (NoCal)

#### **NATIONAL ACADEMY (ongoing)**

National Academy of Clinical Biochemistry [Elected, 2001; Board of Directors, 2004-07]

#### **HONOR SOCIETIES (ongoing)**

Mu Alpha Theta (mathematics), Phi Kappa Phi (scholarship), and Sigma Xi (science)

#### **NATIONAL AND GLOBAL GUIDELINE (in progress, 2016)**

G.J. Kost, Lead Co-Chair (with J.H. Nichols), *Emergency and Disaster Point-of-Care Testing* (POCT16), Clinical and Laboratory Standards Institute (CLSI), Wayne PN

#### **TEACHING AWARDS AND LEADERSHIP (8 past items)**

#### **PROFESSIONAL SOCIETIES (ongoing)**

AACC American Association for Clinical Chemistry (current member)

Critical and Point-of-Care Testing Div. (Inaugural Member); Nom. Comm. [completed]

IFCC Invited Inaugural Member (2012-2018), Point-of-Care Testing Task Force, International Federation for Clinical Chemistry and Laboratory Medicine; Meetings in Kuala Lumpur ('12), Milan ('13), Istanbul ('14), Paris ('15), Cancun Mexico ('15), Madrid ('16), and Durban, South Africa ('17, scheduled)

#### **EDITORIAL AND ADVISORY BOARD MEMBERSHIPS (ongoing)**

1999- Member, Editorial Board, *Clinica Chimica Acta*

2001- Member, Editorial Board, *Archives of Pathology and Laboratory Medicine*

2001- Inaugural Member, Editorial Board, *Point of Care: The Journal of Near-Patient Testing and Technology*; Editor, Special Issue on Public Health, December, 2006; Contributor, Special Commemorative Issue on Connectivity (Connectivity Industry Consortium), 2011; Editor, Four Special Issues: "Transformative Point-of-Care Scenarios, Strategies, and Value Propositions for Resiliency," 2012-13; Contributor, Special San Diego Issue, 2015

2005- Member, Editorial Board, *Asian Archives of Pathology*, Thai Royal College of Pathology

2006- Member, Editorial Board, *Asian Biomedical & Research Review*, Chulalongkorn University

2010- Inaugural Member, Advisory Board, *Journal of Demography*, Chulalongkorn University

2012-15 Associate Editor, *Encyclopedia of Analytical Chemistry*

2012- Member, Editorial Board, *American Journal of Disaster Medicine*

2012- Member, Editorial Board, *International Journal of Behavioral Science*, Behavioral Science Research Institute, Srinakharinwirot University, Bangkok, Thailand

2012- Associate Editor, *Translational Engineering in Health and Medicine, IEEE*

2012- International Clinical Advisory Group, Flinders University International Centre for Point-of-Care Testing, School of Medicine, Adelaide, South Australia; Professor Mark Shephard, Director; see <http://www.flinders.edu.au/medicine/sites/point-of-care/structure.cfm>

#### **NATIONAL SCIENTIFIC, MEDICAL, & BIOENGINEERING PEER REVIEW CONTRIBUTIONS**

2015 Peer Review Panel, Medical Research Program for the Department of Defense Congressionally Directed Medical Research Programs (CDMRP), DIS-IM W81XWH-15-PRMRP-DA

2016 External Reviewer, Point-of-Care Testing, Thailand Research Fund

#### **PROFESSIONAL CERTIFICATIONS, LICENSURES, AND SPECIALTY TRAINING**

1979- Diplomat, United States National Board of Medical Examiners No. 145640

1979- California License No. GO40878

1983- Diplomat, Clinical Pathology, American Board of Pathology

[April 29, 2016]