

Raymond K. Lum
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Experience

Assistant Professor with 16 years of academic experience in health management, e-learning, Asian health disparities and innovation integration; and 16 years of corporate experience in technology and planning, forecasting and decision science, QA/QC and risk management, management consulting, project management and controls, and claims/litigation management.

Drexel University School of Public Health, Philadelphia, PA (July 2002 to present)

Assistant Teaching Professor of the Health Management and Policy Department with responsibilities as

- course director for health management courses
- director of e-learning for the online Epidemiology and Biostatistics Certificate Program
- administrator of online curricular activities and Blackboard learning system.
- researcher interested in Asian health disparities.
- practitioner of innovation integration in community based organizations.

MCP Hahnemann University, Philadelphia, PA (August 1992 - June 2002)

Assistant Professor for Technology, Management and Mathematics involved in

- creating and developing the Master's of Health Service Administration (MHSA) program
- MHSA case writing on Leadership, Strategic Planning and Decision Science (Problem-based Learning format, web based/distance learning delivery).
- teaching information technology management, e-commerce, internet and web (HTML) development, database management (Access, Foxpro) and multi-media, statistics (Mini-tab, SPSS) and research to graduates and undergraduates.
- establishing academic web presence (design and authoring ten web courses) and advising academic departments on Web and online issues.
- directing courses in the applied sciences

Hill International Inc. Willingboro, NJ (Jan. 1990 to Jan. 1995)

Consultant responsible for

- financial analysis estimating damages to bondholders caused by a default of a billion dollar municipal bond offering.
- executive maintenance study of City of Philadelphia which reduced the capital budget.
- technology and planning policies of decentralization and compensation for increasing productivity and performance in several government and non-profit organization.
- legal work in reducing multi-million dollar litigation claims by identifying management and engineering deficiencies as well as scheduling and cost concerns for profit and non-profit organizations.
- marketing and sales activities for the Healthcare Sector.

Stone & Webster Eng. Corp. Cherry Hill, NJ (May 1980 – 1989)

Task Engineer/Manager responsible for

- Reducing the cost of daily operations for various utility projects
- QA/QC in design procedures and specifications, and controlling cost in procurement and purchasing materials

Presentations and Publications

APHA Conference (2009): Health Disparities in Social Connection, Diabetes Mellitus and Mortality Among American White and African Americans Aged 70 or Older: An Eight Year Follow Up. Longjian Liu, MD, PhD, MSc, Raymond Lum, MPhil, MS, Kate Clark, MPA, Allen Glicksman, PhD.

Progress in Community Health Partnerships: Research, Education, and Action. Accepted for Publication, (2009). Nguyen GT, Hsu L, Kue KN, Nguyen T, Yuen EJ. Partnering to collect health services and public health data in hard-to-reach communities: A CBPR approach. Raymond Lum, MPhil, MS listed in the acknowledgements for contribution.

Drexel University Faculty Showcase Presentation (2009). Presentation: “Innovative Application of Online Tools in a Co-teaching and Mentoring Model”. Raymond Lum, MPhil, MS and Darryl Brown, PhD.

APHA Conference (2008): Health Disparities and Linguistically Isolated Southeast Asians: Results of a Large Community Based Survey. Leah Hsu, MPH, Giang T. Nguyen, MD, MPH, MSCE, Kao Kue, Elaine J. Yuen, PhD. and Raymond Lum, MPhil, MS.

Asian Advisory Committee of Southeastern Pennsylvania (2008). Establishment of Website.

http://www.cancer.org/docroot/COM/content/div_PA/COM_11_2x_Asian_Advisory_Committee_of_Southeastern_Pennsylvania.asp

Drexel University Faculty Showcase Presentation (2008). “Best Advice and Practices from Online Instructors”. Panel Discussion: Marlin Klein, Raymond Lum, MPhil, MS, Sunda Dierkes, MS, Cheryl Portwood, MSN, RN, and Stacy Kline, MBA, CPA.

Racial/Ethnic Differences in Cardiovascular Disease Risk Factors of Dietary Serum Concentration of Inflammatory Biomarkers among American Elders. L. Liu, R. Lum, D. Sullivan and L. Ulmer. American Geriatric Society Annual Meeting (2006). Poster.

Awards and Recognition

Drexel University Outstanding Online Instructor Award (2009)

Drexel University Outstanding Online Instructor Award (2008)

Drexel University School of Public Health Teaching Excellence Award (2003)

Drexel University School of Public Health Golden Apple Award (2003)

MCP Hahnemann University School of Public Health Academic Affairs Award (2001)

MCP Hahnemann University School of Public Health Golden Apple Award (2001)

Alpha Eta Honor Society

Pi Tau Sigma Honor Society

Community Service

American Cancer Society Asian Advisory Committee (2009 – 2001)

American Cancer Society Asian Advisory Strategic Planning Committee – (Chair) (2009 – 2007)

Hepatitis B Foundation – Philadelphia Hepatitis B Task Force (2009)

Lady of Lourdes Center of Public Health Steering Committee (2009 – 2007)

Chinatown Preservation Alliance Health Committee (2009)

The Philadelphia Journal of Social Innovation (2009)

Cherry Hill School District Technology/Curriculum Board (2009)
Associations of Schools of Public Health Distance Learning Council (2007-2003)
Public Health Training Network – Academic Distance Learning Coordinator (2007-2003)
Hahnemann Hospital Chinatown Outreach Committee (2005- 2003)
Hahnemann’s Patient Safety Committee (2005 – 2004)
Philadelphia Chinatown Development Corporation, PCDC – Health Clinic (2002 –2001)
MCP Hahnemann University - SHP Research and Scholarship Conference - Chair Judge (1999)
Intel’s International Engineering and Science Fair - Grand Judge (1999)
Delaware Valley Science Fair- Judge (2003-1997)
Dynamics Executive Advisory Board, University of Pennsylvania (2003, 1999, 1998)
Organizational Dynamics Alumni Committee University of Pennsylvania - Chair, Vice Chair and Executive Committee (1997-1995)

University and School Committees

University Online Council (2009)
University Search Committee for Library Dean (2009)
School Educational Curriculum Committee (2009-2001)
School Strategic Planning Education Committee (2009 – 2003)
University Senate (2008 – 2001)
University Steering Committee (2008 – 2001)
University Academic Support (Chair) (2008 – 2001)
University Library Advisory Committee (2008 – 2001)
School By-Laws Committee (2007- 2003)
School Accreditation Committee (2007 -2006)
University Trustees Enrollment Management Committee (2005-2003)
University Strategic Planning Oversight Committee (2005-2003)
University Strategic Planning Admissions and Retention Committee (Co-chair) (2005-2003)
University Provost’s committee on e-learning (2003)
University council (2002- 2001)
School Academic Affairs Committee (2002 – 2001)
School Web Quality Committee (2002 – 2001)
School Network Committee (2002 – 2001)
School World Wide Web Policy Committee (2002 – 2001)
School Awards and Grants Committee (2002 – 1999)
School Admissions and Recruitment Committee (2002 – 2001)

Courses Taught

Graduate Courses

PBHL 600 - Mgmt, Leadership, Assurance and Health Services (Course Director) (2009-2000)
PBHL 605 - Strategy, Innovation and Change Management (Course Director) (2009-2007)
PBHL 650 – Health Policy (2009-2000)
PBHL 680 – Master’s Project (2009 – 2000)
PBHL 510 – Introduction to Public Health – Lecturer (2009 -2001)
Bus 697 – Management of Health Outcomes (2009)
Bus 697 – Lebow Residency – Industrial Management: Health Policy (2007)
PBHL 507 – Health Mgmt /Health Policy MD/MPH (2009 – 2006)

Research and Design Methods (1998)
Organizational Behavior (1999 – 1997)
Experimental Design (1998)
Distance Learning (1998)

Internet Applications (1998)

Undergraduate Courses

Introduction to Management (2000 – 1998)
Managerial Applications in Computing (2000 – 1996)
Statistics for Physical Sciences (2000 – 1994)
Statistics for Behavioral Sciences (2000 – 1994)
Computer Applications (1999-1992)
Economics (1998)

Education

M. Phil. Organizational Dynamics, University of Pennsylvania, 1998
(*“Duality of High-tech Innovations”*)

Advanced Diploma in Dynamics of International Organization, University of Pennsylvania, 1995.
(*“System Analysis of Emerging Companies in Emerging International Markets”*)

Small Business Management Certificate, Wharton, University of Pennsylvania, 1995.
(*“Technology Transfer Start-ups”*)

M.S. Dynamics of Organization, University of Pennsylvania, 1991.
(*“Value of Organizational Learning”*)

B.S. Mechanical Engineering (Biomedical), Worcester Polytechnic Institute, 1980.

References: Available upon request