

KATE GAYNOR, MD
141-A Kuailima Drive
Kailua, HI 96734
Office Phone 808.587.5879
Cell Phone 206.227.9451
E-mail kate.gaynor@doh.hawaii.gov

EDUCATION

1986-1990	Yale University , New Haven, CT Thesis: Haitian ethnopharmacology and the Vodun religion	BA Anthropology
1993-1995	Harvard University , Cambridge, MA	Post-baccalaureate pre-medical program
1997-2001	Columbia University College of Physicians & Surgeons , New York, NY	MD
2001-2004	University of Washington , Seattle, WA	Residency in Family Medicine

EMPLOYMENT

1993-1996	Payette Associates Inc. , Architecture/Planning Served as an administrator for this large firm specializing in healthcare and laboratory architecture	Assistant to the President
1996-1997	AIDS Research Center , Massachusetts General Hospital Learned new system of T-cell culture and instructed other practitioners, conducted experiments on stem cell isolation using pulsed electric fields, managed ordering and inventory	Research Assistant
1998-1999	Mothers and Newborns Study , Columbia University Collected cord blood samples at deliveries for study on transmission of toxins across the placenta	Research Assistant
2004-2006	Epidemic Intelligence Service , Centers for Disease Control and Prevention (CDC) Assigned to the Disease Investigation Branch of the Hawaii State Department of Health	EIS Officer
2006-present	Hawaii State Department of Health , Disease Outbreak Control Division, Bioterrorism Branch Enhance state's preparedness for pandemic influenza, educate clinicians, build state Medical Reserve Corps	Clinical Ops Manager

RECENT PROJECTS

- International Outbreak of *Shigella sonnei* Among Airline Passengers Departing Honolulu – Hawaii, 2004
- Leptospirosis Associated with Flooding of a University Campus – Hawaii, 2004
- An Unexplained Rash in Satowan – Chuuk, 2005
- Angiostrongyliasis on the Big Island – Hawaii, 2005
- Persistent Circulation of Highly Pathogenic Influenza – Hawaii, 1918-1920

LICENSING/CERTIFICATION

Washington State	Unrestricted MD license
Hawaii	Unrestricted MD license
Federal	DEA Registration Number
	Board-certified in Family Medicine

INTERNATIONAL MEDICAL WORK

1998 Argentina	Awarded the Stanley Scholarship for summer study through the Department of Psychiatry at Columbia University, participated in the development of a training program for general practitioners to promote recognition and treatment of mental illness in Neuquen, Argentina
2001 Fiji	Completed a three month Tropical Medicine training rotation as a senior medical student working at a small private clinic in Nadi, Fiji
2003 American Samoa	Rotated as a resident in Family Medicine in the Emergency Department of LBJ Tropical Medical Center in Pago Pago, AS
2003 Kyrgyzstan	Awarded a grant by the American Academy of Family Practice to accompany a group of Family Medicine physicians to Kyrgyzstan to conduct training workshops and seminars for Kyrgyz physicians
2005 Sierra Leone	Selected to participate in the Stop Transmission of Polio (STOP) program as part of a two-person team sent to Sierra Leone for three months to assist the Ministry of Health and local WHO office in improving surveillance for Acute Flaccid Paralysis

VOLUNTEER WORK

International Health Organization – helped to found this medical student group at Columbia University to promote international health education and facilitate international training electives

REMEDY – served as president of the Columbia University chapter of this student organization that salvages medical supplies and equipment destined for the hospital garbage, arranged sorting and distribution to many countries

Emergency Medical Technician (EMT) – became certified as a senior in high school and continued to volunteer for ambulance corps in various locations

POETs (Parent-Oriented English Tutorials) – taught English to Spanish-speaking parents

Committee on Forensic Medicine of the Medical Society of New York – served as the student representative to the committee throughout medical school

TRAVEL

Ireland, England, Holland, France, Spain, Switzerland, Austria, Czech Republic, Germany, Poland, Russia, Kyrgyzstan, Italy, Greece, Turkey, Argentina, Chile, Mexico, Australia, Fiji, American Samoa, Tahiti, Bali, India, Sri Lanka, Thailand, Hong Kong, Canada, Puerto Rico, Bahamas, Sierra Leone

PUBLICATIONS

Eppich, et al., "Pulsed electric fields for selection of hematopoietic cells and depletion of tumor cell contaminants," **Nature Biotech**, Volume 18, August 2000, 882-887.

Gardner, et al., "T-lymphopoietic capacity of cord-blood derived CD34+ progenitor cells," **Experimental Hematology**, Volume 26, September 1998, 991-999.

Gaynor, et al., "Leptospirosis associated with flooding of a university campus – Hawaii, 2004," **MMWR**, February 10, 2006.

(Other publications pending)

CONFERENCES

- American Society of Hematology (ASH) – San Diego, December 1997
Presented poster on the effect of anti-retroviral drugs on T-lymphopoiesis *in vitro*
- International Health Medical Education Consortium (IHMEC) – San Diego 1999, Vancouver 2000
Presented poster in San Diego on the founding of Columbia's International Health Organization
- IHMEC New York Regional Conference – Columbia University, May 2000
Organized and hosted conference as part of Columbia's International Health Organization
- American Academy of Family Practice – Kansas City, August 2004
Presented talk on the development of Family Practice in Kyrgyzstan
- Epidemic Intelligence Service – Atlanta, April 2005
Presented talk on international airline outbreak of *Shigella sonnei*
- Infectious Disease Society of America (IDSA) – San Francisco, October 2005
Presented poster on international outbreak of *Shigella sonnei*
- West Coast Epidemiology – Portland, October 2005
Presented talk on surveillance for Acute Flaccid Paralysis in Sierra Leone
- Epidemic Intelligence Service – Atlanta, April 2006
Presented talk on the impact of the 1918 influenza epidemic on Hawaii