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|  | Phone: 801-641-2288 [hollifieldhealth@gmail.com](mailto:hollifieldhealth@gmail.com) |
| **Camille Broadwater-Hollifield** |  |

**HIGHLIGHTS OF QUALIFICATIONS**

* Twenty years of international and domestic experience in public health including: health care quality improvement, LEAN processing, clinical research, grant writing, project development and evaluation, community health education, disease eradication programming, case management, and personnel management of a culturally diverse staff.

# ‘LEAN’ Six Sigma Leadership Performance and Quality Improvement Certification

# Advanced Training Program in Health Care Delivery Improvement

* Extensive IRB (regulatory) experience including compliance, quality control, modifications, submissions, regulatory documentation, report preparation, and research correspondence.
* Recipient of the Spotlight Program Award for outstanding contribution to research, UC, Irvine 2007.
* Certified in HIV/AIDS Instructor program, HIV/AIDS Prevention Counseling, and HIV Testing.
* Languages: English, French (ACTFL Intermediate-high) and Songhay Zarma (ACTFL Advanced).
* Computer skills: STATA, SAS, RedCap databases, MSWord, Excel, PowerPoint, Outlook, Adobe, and Publisher.
* Specialties: Quality Improvement in Healthcare, Health Policy, Global Health, Health Education, Clinical Research, Outreach, Cancer, HIV/AIDS, Health Program Development and Evaluation, Health Economics.

**EDUCATION**

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| **University of Utah, Salt Lake City, UT** | **2011-2014** |

* Doctorate of Philosophy in Public Health
* Dissertation: “Emergency Physician Awareness of Medical Cost and its Impact on Patient Medical Adherence Following an Emergency Department Visit”

# Honor Society of Phi Kappa Phi

# Honor Society of Delta Omega

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| **University of Glasgow, Glasgow, Scotland** | **2002** |

* Masters of Public Health, Specialization in Health Promotion
* Thesis: “The Criminalization of HIV and the Implications for Health Promotion in Scotland”

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| **University of Utah, Salt Lake City, UT** | **1991-1995** |

* Bachelor of Science in Political Science, June 1995
* Certificate in International Relations, June 1995
* National Golden Key Honor Society, 1992-1995
* Recipient of Political Science Departmental Academic Scholarship, 1994
* National Student Exchange, College of Charleston, 1992-1993
* Presidential and Dean Academic Honors List 1991-1995

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| **Professional Education-University of Utah Medical Group, Salt Lake City, UT** | **2015** |

# ‘LEAN’ Six Sigma Leadership Performance and Quality Improvement Certification

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| **Professional Education-The Institute for Health Care Delivery Research, Intermountain Healthcare, Salt Lake City, UT** | **2012** |

# Advanced Training Program in Health Care Delivery Improvement

**PROFESSIONAL EXPERIENCE**

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| **Hollifield Health Consulting, CEO, Salt Lake City, UT** | **January 2009-Present** |

# Own and operate a company specializing in healthcare research.

# Develop quality improvement initiatives and program plans to measure and improvement hospital metrics, patient outcomes, and clinical outcomes..

* Provide LEAN six sigma processing guidance including the development of process mapping, values stream mapping, implementing the PDSA (Plan, Do, Study, Act) cycle for quality improvement, create statistical control charts for longitudinal data and process analysis.

# Provide technical writing and statistical analysis expertise.

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| ***Quality Improvement Consultant, Emergency Physician Integrated Care (EPIC), Salt Lake City, UT*** | **February 2014-Present** |

# Develop quality improvement initiatives and program plans for contract deliverables.

* Working in partnership with the EPIC leadership and medical staff leadership, provide leadership in the development and measurement of the EPIC’s approach to quality/performance improvement (PI) and medical safety.
* Provide analytical expertise and coordination with EPIC staff to streamline data acquisition and use.
* Identify key factors that can be protocol based across the Utah system to increase collaboration and patient satisfaction.
* Review and evaluate services of the hospital facilities that are affected by medical safety/regulatory issues, identify problems, make recommendations for improvement, and monitor services.
* Serve as a resource within EPIC for regulatory and performance improvement issues.
* Provide consultation and services including application of health care quality improvement tools to increase productivity of EPIC physicians and provide expertise in process improvement, planning, and analytics.

***Technical Writing Consultant***

* Draft new content, edit, revise, and build reference libraries for NASEMSO final report "State-wide Implementation of a Pre-hospital Care Guideline” and co-authored journal manuscript.
* Primary author conducting original research, analysis, literature review, and drafts of manuscripts for EMS and disaster management in collaboration with EMS research leadership.
* Write grants for non-for-profit organizations

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| **Adjunct Faculty, University of Utah, Department of Family and Preventive Medicine, Division of Public Health, Salt Lake City, UT** | **July 2014-Present** |

* Teach Health Policy and Leadership (FPMD 7400); develop curriculum and Canvas Learning Management system interface for students.
* Lecture for Global Health, Advanced Research Methods, Health Policy and Leadership, Introduction to Research Methods, and Foundations of Public Health classes.
* Collaborate on preparation of manuscripts with internal and external faculty
* Mentor graduate students as requested

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| **Divisional Clinical Research Coordinator-Division of Emergency Medicine, University of Utah, Salt Lake City, UT** | **2010-2012** |

* Supervised and managed the Research Associates (RA’s) and clinical research personnel for the Division of Emergency Medicine (DEM) for all ongoing research protocols.
* Oversaw the Undergraduate Research Program under the directorship of Dr. Troy Madsen resulting in enrollment of over 1500 chest pain subject and 750 health information access subjects.
* Coordinated the research rotation and fellowship for the Division of Emergency Medicine (DEM) including medical students and international research fellows.
* Coordinated research training and certification of all incoming residents, faculty, and visiting researcher to the division.
* Responsible for grant preparation and protocol submission to the IRB, OSP, and to the funding agency or industry resulting in ~$4.7M in submissions and over $600,000 in grant funding secured since September 2010.
* Designed, created, and maintained the DEM RedCap databases for faculty consisting of over 25 ongoing databases and projects.
* Planned, designed, and developed protocols, case reporting forms, informed consents, surveys, and recruitment materials with individuals involved in research in the Division.
* Prepared FDA IND applications, amendment, community consultation plans for waivers of consent, reporting forms, compliance reports and communications.

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| **Part-time Clinical Research Coordinator-Diabetes and Endocrinology, Intermountain Healthcare, Salt Lake City, Utah** | **Jan. 2010-Sept. 2010** |

* Coordinated research protocols including daily operations of the projects, development of data collection instruments, and intervention materials.
* Conducted recruitment and enrollment of participants, oversaw educational interventions, and conducted follow-up research clinic visits.
* Managed IRB modifications, recruitment strategies, and creation of recruitment materials.
* Reviewed and edited grant submissions and abstracts for publication.

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| **Clinical Case Manager/Health Program Officer, Asian Association of Utah and Refugee Center, Salt Lake City, Utah (AmeriCorps)** | **Jan. 2009-Jan. 2010** |

* Conducted assessments, determined need, and provided case management for HIV positive refugees and refugees with other infectious diseases (hepatitis B, hepatitis C).
* Provided sexual health education, STD/HIV transmission prevention information, HIV testing counseling, and condom/barrier method demonstrations for refugee youth and at risk individuals.
* Coordinated services for refugee clients, maintained service documentation, facilitated acculturation, conducted crisis interventions, and worked with clinical staff to facilitate communication and care.
* Worked closely with government agencies, schools, health care providers, and welfare agencies as a refugee advocate.
* Worked collaboratively with both internal and external service individuals to improve refugee services and health care through effective utilization of resources and assumed a leadership role to achieve desired clinical, financial, and resource outcomes.
* Assisted in the writing, editing, research, and submission of agency grants.

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| **Clinical Research Coordinator/Project Manager, University of California-Irvine, Institute for Brain Aging & Dementia, Irvine, CA** | **2005-2008** |

* Managed four California state and five federally funded research protocols including planning, implementing and monitoring all aspects of the projects, participant recruitment, and retention procedures in coordination with study principal investigators.
* Managed all human subject IRB protocol submissions, continuations, and modification for the Institute.
* Directed a multi-site statewide study including, site personnel training, IRB protocol management, data acquisition (interviews) and management, and reporting.
* Planned, designed, and developed protocols, case reporting forms, informed consents, surveys, and recruitment materials.
* Coordinated and maintained recruitment and triage of research participants to 11 UCI external collaborative principal investigators from various departments including Psychology, Neurology, and Behavior and Aging resulting in the enrollment of over 700 subject participants.
* Facilitated community contacts and resources for recruitment.
* Conducted clinical interviews and follow-up calls with all subject proxies participating in the clinical research cohorts (n=250).
* Conducted assessments of neuropsychological status of elderly research subjects including the administration of a standardized neuropsychological battery of tests, scoring, and reporting of results.
* Produced and monitored progress reports, statistics, and analysis of the progress and outcomes of the studies.

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| **Clinical Research Coordinator-Oncology, University of Utah, College of Nursing, Salt Lake City, UT** | **2003-2005** |

* Managed and coordinated all aspects of NIH (5R01 CA89474-03) ‘Telephone Linked Care an IT Enabled Integrated System for Cancer Symptom Relief’ and Amgen Pharmaceuticals funded research looking at neutropenia events including daily operations of the projects, budgets, development of data collection instruments and intervention materials.
* Wrote grants and publications.
* Prepared progress reports and final reports for the University and NIH.
* Oversaw recruitment of participants, implemented interventions, conducted follow-up interviews, and interacted with study participants.
* Evaluated and collected data at the Utah designated site.
* Responsible for all IRB approvals, amendments, renewals, reports and updates.

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| **Adjunct Professor, Weber State University, Ogden, UT** | **Aug. 2003-Dec. 2003** |

* Taught in the Department of Health Promotion and Human Performance
  + HE 6250 Adolescent Health Issues/Development

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| **Health Program Specialist, Cancer Program, Utah Department of Health, Salt Lake City, UT** | **2002-2003** |

* Created and implemented a skin and colon cancer media campaign that reached over 1 million Utah residents.
* Maintained liaison with over 80 key national, professional and voluntary organizations, and state and local government agencies to encourage support and coordination of cancer prevention and control activities.
* Worked with cancer and other program staff to obtain necessary data and other pertinent information necessary to assist in the development and implementation of activities that address plan objectives.
* Wrote grants and progress reports for the Comprehensive Cancer programs.
* Conducted short-term projects/studies/analyses to provide immediate response on critical issues or educational needs identified by the Utah Cancer Action Network.
* Enhanced coordination among existing categorical programs by inviting them to participate in workgroups, collaborate on cancer-related activities, and maintain and/or expanding Core Implementation Team members as necessary.
* Implemented and recruited members to the UCAN Diversity Workgroup to address issues of diversity in Utah.
* Conducted the first train-the-trainer conference for the comprehensive cancer program.

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| **Research Consultant, Health Protection Scotland, Glasgow, Scotland** | **2002-2003** |

* Wrote and published research on the criminalization of HIV and the implications for health promotion in Scotland.
* Collaboration with the Director of SCEIH on two pending publications.
* “The Stephen Kelly case and its impact on HIV prevention in Scotland: a look at the implications of the case for health professionals in the post-Kelly era”
* “Criminalization of HIV Transmission in Scotland”

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| **Program Consultant, United States Peace Corps, Niamey, Niger** | **Sept. 2000** |

* Designed and implemented the first International Peace Corps Guinea Worm conference in West Africa to teach Peace Corps volunteers education and eradication techniques.
* Co-authored the first Guinea Worm Training Manual for trainers and new volunteers.

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| **Regional Representative for Peace Corps/Global 2000, Tera, Niger** | **1999-2000** |

* Managed the Carter Center’s Regional Guinea Worm Eradication (GWE) field office in Tera, Niger.
* Collaborated with the Nigerien Ministry of Health’s National GWE program.
* Developed the yearly eradication strategies.
* Organized and implemented monthly rural community surveillance, community health agent training, treatment of contaminated water sources, community education programs and radio campaigns.
* Monitored 170 guinea worm endemic localities.
* Obtained project funding and managed all financial disbursements totaling over $10,000.
* Performed all business and education activities in French and Djarma.

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| **Community Health Agent, Government of Niger/Peace Corps, Falmey, Niger** | **1998-1999** |

* Conducted community health analysis and needs assessment in a 6,500-member community.
* Performed community health education lessons focusing on malnutrition, oral re-hydration, immunizations, nutrition, micronutrients, gardening, hygiene, malaria prevention, STI awareness/prevention, HIV prevention, and family planning.
* Distributed polio vaccinations and vitamin A in collaboration with the International Rotary Vaccination Campaign for the Eradication of Polio (6,500 children ages 0-5 were vaccinated and given vitamin A in 25 remote villages).
* Organized and assisted in a continuous AIDS Awareness Campaign which involved a video presentation, informal discussion and condom distribution targeting prostitutes and young men reaching over 2,500 people.
* Proposed, secured funding and supervised the construction of latrines and wells for the primary and secondary schools.
* Established a primary school garden to promote nutrition education and establish a small business enterprise that is used to buy school supplies for 265 students.
* Organized and co-coordinated a training of teachers and village counterparts in the skill of machine sewing to be taught to the students during the school year in six villages affecting approximately 800 students and over 20 educators.
* Elected as the first Fundraising Chairperson for Peace Corps Niger’s Gender and Development (GAD).
* Established the Peace Corps Partnership Program GAD-Niger account to support girls’ scholarships and small regional project funding which generated $15,000 during my tenure as chairperson.

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| **Director of Sales and Marketing, All Resort Express, Park City, UT** | **1996-1998** |

* Increased utilization and sales of services by 10% during an economic downturn in Park City.
* Conducted inside and outside sales to Park City area businesses and clientele.
* Founded the business relationship with American Ski Company as exclusive transportation provider.
* Rebuilt relationships in the community through targeted and personal marketing.

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| **Intern, Legislative Assistant, Salt Lake County Commissioner,**  **Salt Lake City, UT** | **Dec. 1995-April 1996** |

* Coordinated County efforts in support/opposition of legislative bills, monitored legislative bills in committees and House and Senate floor actions, conducted initial fiscal analyses of bills, analyzed legislation, and wrote a published summary of legislative session.
* Acted as the representative for the County in hosting a Hungarian parliamentary delegation, introducing them to the legislative process and the surrounding area.

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| **Intern, Production Assistant, Hinckley Political Institute/Global Village Communications, Washington, DC** | **June 1995-Sept.1995** |

* Researched, edited, and assisted in the production of documentaries.
* Managed the budgeting for all projects.
* Hosted an exchange of Albanian newscast staff and assisted in teaching them modern techniques of film production.

**CERTIFICATION AND TRAINING**

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| * NIH Protecting Human Research Participants Certification (current) * CITI Collaborative Institute Training Initiative (biomedical) * HIV/AIDS Instructor Certificate-American Red Cross * HIV Prevention and HIV+ Counseling Certification-Utah Department of Health * Refugee Service Volunteer Certification-Department of Workforce Services * American Red Cross Adult, Child and Infant CPR, Standard First Aid, Irvine, CA | 2014  2014  2009  2009  2009  2005 |
| * Utah AIDS Foundation volunteer educator | 2003 |
| * ACTFL/ETS, Niger |  |
| * Certified language proficiency of Advanced in Djarma | 2000 |
| * Certified language proficiency of Intermediate-High in French | 2000 |
| * Intensive training in community health education, project planning, cultural sensitivity and French, Peace Corps, Niger | 1998 |
| * International Rescue Committee cultural adaptation volunteer | 1997 |
| * Planned Parenthood Sex Education Training, Salt Lake City, UT | 1997 |

**PUBLICATIONS**

1. Kathleen M. Adelgais, J. Matthew Sholl, Rachael Alter, Kristin Lauria Gurley, **Camille Broadwater-Hollifield**, Peter Taillac (2019) Challenges in Statewide Implementation of a Prehospital Evidence-Based Guideline: An Assessment of Barriers and Enablers in Five States, Prehospital Emergency Care, 23:2, 167-178, DOI: [10.1080/10903127.2018.1495284](https://doi.org/10.1080/10903127.2018.1495284)
2. **Camille Broadwater-Hollifield, PhD, MPH**; Troy E Madsen, MD; Christina A Porucznik, PhD, MSPH; David N Sundwall, MD; Scott T Youngquist, MD, MSc; Kajsa Vlasic, BA; Lisa H Gren, PhD, MSPH. Predictors of Patient Adherence to Follow-up Recommendations after an Emergency Department Visit. American Journal of Emergency Medicine 33 (10), 1364-1373 October 2015.
3. **Camille Broadwater-Hollifield**, Lisa H. Gren, Christina A. Porucznik, Scott T. Youngquist, David N. Sundwall, Troy E. Madsen. Emergency physician knowledge of reimbursement rates associated with emergency medical care.American Journal of Emergency Medicine 32 (6), 498-506, June 2014.
4. **Camille Broadwater-Hollifield, MPH**; James Fair, MD; Susan Podolsky, MD; Jessica Carey, BS; Kajsa Vlasic; Robert Stephen, MD; Troy Madsen, MD; Michael Mallin, MD. Web-based Emergency Department Patient Satisfaction Surveys May Introduce Potential for Bias. Journal of Emergency Medicine 46 (3), 404-409, March 2014.
5. Robert Stephen, MD; Erin Lingenfelter, PharmD; **Camille Broadwater-Hollifield,** MPH; Troy Madsen, MD. Intranasal Sufentanil Provides Adequate Analgesia for Emergency Department Patients with Extremity Injuries-Opioids. Journal of Opioids Management. July/August 2012; 8(6): 237-241. DOI: 10.5055/jom.2012.0121.
6. Steenblik J, Schroeder E, Hatch B, Groke S, **Broadwater-Hollifield C**, Mallin M, Madsen T. Folic acid use in pregnant patients presenting to the emergency department. International Journal of Emergency Medicine. 2011, 4:38 <http://www.intjem.com/content/4/1/38>
7. Floyd Sarsoza, B.Sc.; Tommy Saing, B.Sc.; Rakez Kayed, Ph.D.; Robert Dahlin, B.Sc.; Malcolm B Dick, Ph.D.; **Camille Broadwater-Hollifield, M.P.H.**; Scott Mobley; Ira T Lott, M.D.; Eric Doran, M.A.; Daniel Gillen, Ph.D.; Clifford Anderson-Bergman, B.A.; David H Cribbs, Ph.D.; Charles C Glabe, Ph.D.; Elizabeth Head, M.A., Ph.D. A fibril specific, conformation dependent antibody recognizes a subset of Aβ plaques in Alzheimer disease, Down syndrome and Tg2576 transgenic mouse brain. *Acta Neuropathologica.* April 10, 2009. [www.springerlink.com/content/d5231r31m4710n87/fulltext.pdf](http://www.springerlink.com/content/d5231r31m4710n87/fulltext.pdf)
8. **Broadwater, C**., Heins, J., Hoelscher, C., Mangone, A., Rozanas, C. Skin and Colon Cancer Media Campaigns in Utah*. Preventing Chronic Disease- Public Health Research Practice and Policy.* October 2004, v. 1: no. 4 [www2.cdc.gov/pcd/issues/2004/oct/04\_0023.htm](http://www.cdc.gov/pcd/issues/2004/oct/04_0023.htm)
9. **Broadwater, C.,** Eriksen, L. Guinea Worm Training Manual for Peace Corps Volunteers. *Peace Corps*. Niger. September 2000.

# PRESENTATIONS

* **Broadwater-Hollifield, C.,** Potential Influence of Internet Health Resources on Patients Presenting to the Emergency Department. APHA, November 18, 2014, New Orleans, LA.
* Scott Curtis (MSII), Lisa H. Gren, PhD, MSPH, Kajsa Vlasic, Scott T. Youngquist, MD, MSc, Christina A. Porucznik, PhD, MSPH, David N. Sundwall, MD, Troy E. Madsen, MD, **Camille Broadwater-Hollifield, PhD, MPH.** Resources and Attempts to Obtain Outpatient Care Among Emergency Department Patients. 17th Annual SAEM Western Regional Meeting, March 2014, Irvine, CA.
* **Broadwater-Hollifield, C.,** Curtis, S., Vlasic, K., Gren, L., Emergency Department Patient Reported Impact of Health Care Costs on Medical Compliance. Utah Medical Research Forum, September 12, 2013, Deer Valley, UT.
* **Broadwater-Hollifield, C.,** Potential Influence of Internet Health Resources on Patients Presenting to the Emergency Department. UPHA, April 9, 2013, Ogden, UT.
* **Broadwater-Hollifield, C.,** Potential Influence of Internet Health Resources on Patients Presenting to the Emergency Department. ACEP, October 2012, Denver CO.
* **Broadwater-Hollifield, C**., Web-based Emergency Department Patient Satisfaction Surveys May Introduce Potential for Bias. ACEP, October 2012, Denver CO
* **Broadwater-Hollifield, C.,** Cotman, C. Exercise and Alzheimer’s Disease: Prevalence and Possible Therapeutic Benefits. Alzheimer’s Research Center of California Policy Committee Meeting, March 2008, Sacramento, California.
* Cotman, C., **Broadwater-Hollifield, C**. Exercise and Cognition: Review of Pilot Data and Procedural Changes. Alzheimer’s Research Center of California Policy Meeting, March 2007, Sacramento, California.
* Mooney, K., Beck, S., Freidman, R., Farzanfar, R., **Broadwater, C.,** Do Oncologists and Oncology Nurses Respond to Increase Communication about Unrelieved Symptoms from Chemotherapy. MASCC/ISOO 17th International Symposium, Multinational Association of Supportive Care in Cancer, July 2005, Geneva, Switzerland.
* Mooney, K., Beck, S., Dudley, W., Freidman, R., Farzanfar, R., **Broadwater, C.,** Telephone Linked Care: Improving Communication about Unrelieved Symptoms. Poster Presentation. 8th National Conference on Cancer Nursing Research, February 2005, Fort Lauderdale, Florida.
* Mooney, K., Beck, S., Dudley, W., **Broadwater, C.,** Improving Symptom Care Through Home Linked Technology. 13th International Conference in Cancer Nursing, August 2004, Sydney, Australia.
* Poster: **Broadwater, C**., Heins, J., Hoelscher, C. Measuring Baseline Knowledge and Attitudes about Skin and Colorectal Cancer: Cross Sectional Survey. Poster Presentation. Comprehensive Approaches to Cancer Control: The Public Health Role, September 2003, Atlanta, GA.
* Heins, J., **Broadwater, C**., Hoelscher, C. Creating and Implementing Skin and Colon Cancer Media Campaigns in Utah, Comprehensive Approaches to Cancer Control: The Public Health Role, September 2003, Atlanta, GA.

**PROFESSIONAL AFFILIATIONS AND ORGAINZATIONS**

# American Public Health Association

# Honor Society of Phi Kappa Phi

# Honor Society of Delta Omega