

Martha Pielstick Montgomery

EDUCATION:

Johns Hopkins School of Public Health *May 2006* Baltimore, MD
M.H.S. Department of International Health- Disease Prevention and Control,
G.P.A. 3.94
Practicum essay: "Epidemiologic Assessment of Anemia and Intestinal
Parasitosis in South Indian Primary School Children"
Certificate: Vaccine Science and Policy

Carleton College *June 2004* Northfield, MN
B.A. Chemistry, G.P.A. 3.51
Senior integrative exercise: Comprehensive study of Jim Heath's work on the
creation of electronic switching devices from single molecules
Study-abroad: University of Ghana at Legon

EXPERIENCE:

June 2006 - present Research Triangle Park, NC
National Institute of Environmental Health Sciences. *Post-Baccalaureate
Intramural Research Training Award (IRTA) Fellow.*
Studying relationship of incident age-related macular degeneration and
pesticide use in the Agricultural Health Study.

September 2005 - March 2006 Pondicherry, India
Pondicherry Institute of Medical Sciences. *Research Intern.*
Field practicum experience in the Microbiology Laboratory and two rural
school districts to assess anemia prevalence and intestinal parasitosis in
primary school children in south India.

Summer 2005 Cleveland, OH
The Cleveland Clinic Foundation. *Research Assistant.*
Side-by-side comparison study of two concentration techniques for the
identification of intestinal parasites. Conducted sample preparations, parasite
identification, egg load count, and statistical analyses.

Winter 2005 Baltimore, MD
Johns Hopkins School of Public Health. *Research Assistant.*
Laboratory research in development of ETEC (enterotoxigenic *Escherichia coli*)
vaccine under Dr. A. Louis Bourgeois. Assisted with ELISPOT technique,
plate streaking, data entry.

Summer 2004

Kanchanaburi, Thailand

Global Service Corps. *Volunteer.*

Assisted nurses at Kanchanaburi Hospital with screening patients, reading blood pressure, delivering babies, and applying sutures. Taught four levels of English at Kanchanaburi elementary school. Helped to run English camp.

Fall 2003

Accra, Ghana

Nyaho Medical Center. *Intern volunteer.*

Internship at a private hospital in an urban setting of a West African country. Aspects included rounds through the in-patient, out-patient and surgical wards.

2003 - 2004

Northfield, MN

Carleton Chemistry Department. *Student researcher.*

Conducted independent research project studying the stereochemistry of elimination reactions using NMR spectrometry. Publication expected in 2006.

UPCOMING PUBLICATIONS:

“Missed Opportunities for Prenatal Immunization Education: the pediatric prenatal visit, routine obstetric prenatal care, and hospital education classes”
In submission.

“Risk Factors for Anemia in South Indian Primary School Children” In preparation.

“Epidemiologic Assessment of Intestinal Parasitosis in South Indian Primary School Children” In preparation.

“Iron absorption in 2 and 5 month old Peruvian infants is not significantly affected by neonatal iron stores in early infancy” In preparation.

POSTERS:

“Side-by-side comparison study of two concentration techniques.” 106th
General Meeting of the American Society for Microbiology, May 2006.

MEMBERSHIPS:

Member, American Society for Microbiology
Department Representative, JHSPH Student Assembly (2004)
International Health Student Group (2004)