

**Brandt E. Rice MD, MPH, MS**  
**Curriculum Vitae**

**One West Lane, Suite B**  
**Blue Hill, ME 04614**  
**Phone 207-374-5007**  
**Fax 207-374-5099**

**Education:**

- Board Certification**  
**American Board of Family Medicine** Lexington, KY
- 2004-2011
- Puget Sound**  
**Family Practice Medicine Residency**  
**U.S. Naval Hospital** Bremerton, WA
- June 2001- June 2004
- George Washington University**  
**School of Medicine and Health Sciences** Washington, D.C.
- Doctor of Medicine, May 2001
  - Master of Public Health,  
Community Oriented Primary Care, May 2001
- University of Maryland** College Park, MD
- Master of Science,  
Microbiology/Immunology, May 1997
  - Bachelor of Science, Zoology, May 1989

**Experience:**

***Family Medicine***  
***Physician / Owner***  
Coastal Family Medicine of Maine, PLLC  
One West Lane, Suite B  
P.O. Box 1207  
Blue Hill, ME 04614-1207 **June '08- Present**

***Family Medicine***  
***Attending / Staff Physician***  
Medical Doctor Associates (Locum Tenens)  
145 Technology Parkway NW  
Norcross, GA 30092 **Sept. '08 – Oct. '08**

**Assignments:**

Mid-Atlantic Permanente Medical Group, P.C.  
(Kaiser Permanente)  
White Marsh Medical Center  
4920 Campbell Blvd.  
White Marsh, MD 21236

**Sept. '08 – Oct. '08**

***Family Medicine***

***Attending / Staff Physician***

Vista Staffing Solutions (Locum Tenens)  
675 East 2100 South Suite 390  
Salt Lake City, Utah 84106-9813

**June '07- June '08**

**Assignments:**

Blue Hill Family Medicine  
65 Water Street  
Blue Hill, Maine 04614

**July '07- June '08**

Johns Hopkins Community Physicians  
1132 Annapolis Road  
Odenton, Maryland 21113

**June 2007**

***Family Medicine***

***Attending / Staff Physician***

National Naval Medical Center, Bethesda, MD

**July '05 – May '07**

***Family Medicine***

***Attending / Staff Physician***

U.S. Naval Hospital Yokosuka, Japan  
Branch Medical Clinic, Sasebo, Japan

**Aug '04 – July '05**

***Family Medicine***

***Attending / Staff Physician***

Bremerton Naval Hospital, Bremerton, WA

**June '04 – July '04**

***Family Medicine- Resident (R1-R3)***

Bremerton Naval Hospital, Bremerton, WA

**June '01 – May '04**

***Graduate Research Assistant / Consultant***

Naval Medical Research Institute,  
National Naval Medical Command, Bethesda, MD

**July '92 - 1999**

***Emergency Room Technician (part time)***

Suburban Hospital, Bethesda, MD

**June -92 – Oct. '92**

<b><i>Cardiac Arrhythmia Technician</i></b> Georgetown University Hospital, Washington, D.C.	<b>March '91–Sept. '91</b>
<b><i>Cardiovascular Technician</i></b> Georgetown University Hospital, Washington, D.C.	<b>March '90 – Jan. '91</b>
<b><i>Mechanical Technician (part time)</i></b> Bioscan Inc., Washington, D.C.	<b>Oct. '89 – Feb '90</b>
<b><i>Lab Technician (part time)</i></b> Center for Marine Biotechnology, University of Maryland College Park, MD	<b>Jan. '89 - May '89</b>
<b><i>Paramedic(EMT-P)/Firefighter (part time/volunteer)</i></b> Bethesda-Chevy Chase Rescue Squad, Inc. Bethesda, MD	<b>1985 - 1991</b>
<b><i>Ranch Hand/Cowboy</i></b> McDowell Ranch, Wisdom, Montana	<b>Summers '84 &amp; '86</b>

### **Clinical / Procedural Skills:**

- Medical care of patients of all ages: newborn to geriatric
- Diagnostic and therapeutic colposcopy / Loop electrosurgical excision procedure (LEEP) / Women's Health
- Uncomplicated Prenatal Care
- OB- Vaginal, Low-outlet vacuum/forceps. Last delivery in 2004; would need to complete period of supervision/re-certification prior to returning to obstetrical care if required by prospective employer.
- Infertility ó primary evaluation/initial therapeutic trials
- Circumcision
- Vasectomy
- Exercise Stress Testing
- Minor Surgery / Dermatologic procedures
- Sports Medicine- Joint Injections/aspirations
- Flexible Sigmoidoscopy

### **Publications:**

**Baqar, S., B.E. Rice, L. Lee, A.L. Bourgeois, A.N. El Din, D.R. Tribble, G.P. Heresi, A.S. Mourad, and J.R. Murphy.** 2001. *Campylobacter jejuni* Enteritis. *Clinical Infectious Diseases*. 33:901-905.

## **Publications (Continued):**

- Carroll, S.A., L.E. Carr, E.T. Mallinson, C. Lamichhane, B.E. Rice, D.M. Rollins, and S.W. Joseph.** 2000. A Colony Lift Immunoassay for the Specific Identification and Quantification of *Listeria monocytogenes*. *J. Microbiological Methods*. 41:145-153.
- Carroll, S.A., L.E. Carr, E.T. Mallinson, C. Lamichhane, B.E. Rice, D.M. Rollins, and S.W. Joseph.** 2000. Development and Evaluation of a 24-Hour Method for the Detection and Quantification of *Listeria monocytogenes* in Meat Products. *J. Food Protect.* 63:347-353.
- Rice, B.E, D.M. Rollins, L.E. Carr, E.T. Mallinson, and S.W. Joseph.** 1997. *Campylobacter jejuni* in Broiler Chickens: Colonization and Humoral Immunity Following Oral Vaccination and Experimental Infection. *Vaccine*. 15:1922-1932.
- Rice, B.E., C. Lamichhane, S.W. Joseph, and D. M. Rollins.** 1996 Development of a Rapid and Specific Colony Lift Immunoassay for the Detection and Enumeration of *Campylobacter jejuni/coli/lari*. *Clinical and Diagnostic Laboratory Immunology*. 3:669-677.
- Rice, B.E., C. Lamichhane, S.W. Joseph, and D. M. Rollins.** 1996. Evaluation of Colony Lift Immunoblot Methodologies for the Specific Enumeration of Enteropathogenic *Campylobacter*. P. 75-83. In D.G. Newell, J.K. Ketly (ed.). *Campylobacter VIII*. Plenum Publishing Corp., New York.
- Rollins, D.M., L.H. Lee, B.E. Rice, C. Lamichhane, S.W. Joseph.** 1996. Development of Quantitative Methodology to Estimate the Number of Enteropathogenic *Campylobacter* on Fresh Poultry Products. P. 155-162. In D.G. Newell, J.K. Ketly (ed.). *Campylobacter VIII*. Plenum Publishing Corp., New York.

## **Funded Proposals:**

- Rice, B.E. and S.W. Joseph.** 1996. Detection and Enumeration of *Vibrio* and *Aeromonas* spp. Utilizing SELeCT Methodology. United States Navy, Naval Medical Research Institute, Task Order Contract N64223-96-M-2507 (\$10,000).

## **Conferences and Published Abstracts:**

- Rice, B.E., G.S. Lanneau, T.R. Latendresse.** 2003. Case Report: Isolated Upper Extremity Edema in a Newborn Female Secondary to Compression by an Intrauterine Pressure Catheter. Presented at the 2003 Annual American Academy of Family Physicians Scientific Assembly, New Orleans, Louisiana. October 1-5.
- Rice, B.E., C. Lamichhane, S. Joseph, D.M. Rollins.** 1996. Development of a Colony Lift Immunoassay (CLI) for the Rapid, Specific Identification and Enumeration of *Campylobacter jejuni/coli/lari*. Abstr. V-87, p. 301 American Society for Microbiology, 96th General Meeting, New Orleans Louisiana, May 19-23.

## **Conferences and Published Abstracts(continued):**

- Rice, B.E., D.M. Rollins, E.T. Mallinson, S.W. Joseph.** 1996. Efficacy of a Mucosal Anti-*Campylobacter jejuni* Vaccine Administered With and Without *Escherichia coli* Heat Labile Toxin in One Day to Two Week Old Commercial Broiler Chickens. Abstr. E30, p. 271. American Society for Microbiology, 96th General Meeting, New Orleans Louisiana, May 19-23.
- Rice, B.E., D.M. Rollins, S.W. Joseph.** 1995. Immune Response Enhancement and Colonization Reduction in Broiler Chickens Immunized with a Modified Prototype Oral Vaccine Initially Developed for Human Prophylaxis Against Enteropathogenic *Campylobacter*. Abstr. C3/11, p. 50, *In* D.G. Newell, J. Ketley, R.A. Feldman (ed.). 8th International Workshop on Campylobacters, Helicobacters and Related Organisms. July 10-13, Winchester, England, United Kingdom. Central Veterinary Laboratory (Weybridge), Addlestone, Surry U.K.
- Rollins, D.M., B.E. Rice, L.H. Lee, S.W. Joseph.** 1995. Development of Rapid Quantitative Methods to Estimate the Number of Enteropathogenic *Campylobacter* in Poultry Samples. Abstr. E3/21, p. 76, *In* D.G. Newell, J. Ketley, R.A. Feldman (ed.). 8th International Workshop on Campylobacters, Helicobacters and Related Organisms. July 10-13, Winchester, England, United Kingdom. Central Veterinary Laboratory (Weybridge), Addlestone, Surry U.K.
- Rollins, D.M., B.E. Rice, C. Lamichhane.** 1995. Evaluation of Colony Lift Immunoblot Methodologies for Specific Enumeration of Enteropathogenic *Campylobacter*. Abstr. A1/18, p. 10, *In* D.G. Newell, J. Ketley, R.A. Feldman (ed.). 8th International Workshop on Campylobacters, Helicobacters and Related Organisms. July 10-13, Winchester, England, United Kingdom. Central Veterinary Laboratory (Weybridge), Addlestone, Surry U.K.
- Lee, L.H., D.M. Rollins, B.E. Rice.** 1995. Effects of Growth Conditions and Post-Harvest Cell Processing on Antigen Expression and Immune Mucus Agglutination of Enteropathogenic *Campylobacter*. Abstr. G1/3, p. 90, *In* D.G. Newell, J. Ketley, R.A. Feldman (ed.). 8th International Workshop on Campylobacters, Helicobacters and Related Organisms. July 10-13, Winchester, England, United Kingdom. Central Veterinary Laboratory (Weybridge), Addlestone, Surry U.K.
- Rice, B.E., D.M. Rollins, S.W. Joseph.** 1995. Immune Response Enhancement and Colonization Reduction in Broiler Chickens Vaccinated Against *Campylobacter jejuni* . Abstr. p. 22. 67th Northeastern Conference on Avian Diseases. Mystic, Connecticut. June 12-14.
- Rollins, D.M., L.H. Lee, J. Pace, B.E. Rice, R.I. Walker, G. Pazzaglia, S.M. Frey, A.L. McVeigh.** 1995. Functional In Vitro Assays for Maximizing *Campylobacter* Cross-Strain Agglutination Through Optimization of Culture Conditions. Abstr. B-105, p. 183. American Society for Microbiology, 95<sup>th</sup> General Meeting, Washington, D.C. May 21-25.

## **Conferences and Published Abstracts (continued):**

**Rice, B.E, D.M. Rollins, L.E. Carr, E.T. Stewart, and S.W. Joseph.** 1995. Immunogenicity of an Adjuvanted, Killed Whole Cell *Campylobacter jejuni* Vaccine in Chickens. Abstr. p. 21. Southern Poultry Science Society, 16<sup>th</sup> Annual Meeting, Atlanta, Georgia. January 16-17.

**Rollins, D.M., M. Shahamat, B.E. Rice, R.R. Colwell, and S.W. Joseph.** 1995. Prevalence of *Campylobacter* on Broiler Chicken Production Farms in the Mid-Atlantic United States Abstr. p. 21. Southern Poultry Science Society, 16<sup>th</sup> Annual Meeting, Atlanta, Georgia. January 16-17.

**Rice, B.E. , D.M. Rollins, L.E. Carr, E.T. Stewart, and S.W. Joseph.** 1994. Immunogenicity and Efficacy of an Adjuvanted, Killed Whole Cell *Campylobacter jejuni* Vaccine in Chickens. Abstr. p. 16. 66<sup>th</sup> Northeastern Conference on Avian Diseases. University of Maryland, College Park, Maryland. June 19-21.

**Rollins, D.M., O.O. Opara, M. Shahamat, B.E. Rice, C.L. Harding, R.R. Colwell, and S.W. Joseph.** 1993. Transmission, Prevalence, and Characterization of *Campylobacter jejuni* in Live Commercial Poultry Flocks in the United States. Abstr. p. 37. VIIth International Workshop on Campylobacter, Helicobacter, and Related Organisms; VIth Workshop on Gastrointestinal Pathology and *Helicobacter pylori*. Brussels, Belgium, September 21-25.

**Lee, L.H., A. Ludwig, B. Oyofe, B. Rice, L. Frazier, L. Greene, I. Walker, O. Pavlovskis, and D. Rollins.** 1993. Production and Characterization of a Prototype Oral *Campylobacter* Vaccine. Abstr. E-88, p. 157. American Society for Microbiology 93rd General Meeting, Atlanta, Georgia. May 16-20.

**Opara, O.O., M. Shahamat, B.A. Oyofe, B.E. Rice, C.L. Harding, R.R. Colwell, S.W. Joseph, D.M. Rollins.** 1993. Monitoring Prevalence and Transmission of *Campylobacter* at Poultry production farms. Abstr. C-457, p. 526. American Society for Microbiology 93rd General Meeting, Atlanta, Georgia. May 16-20.

## **Manuscripts in Preparation:**

**McVeigh, A.C., L.H. Lee, B.E. Rice, G. Pazzaglia, and D.M. Rollins.** Rabbit Intestinal Mucus Agglutination for Characterizing *Campylobacter* spp. Cross-Serotype Immune Activity. (Manuscript in preparation).

**Rollins, D.M., M. Shahamat, B.E. Rice, R.R. Colwell, and S.W. Joseph.** Prevalence of *Campylobacter* on Broiler Chicken Production Farms in the Mid-Atlantic United States. (Manuscript in preparation).

## **Manuscripts in Preparation(continued):**

**Rollins, D.M., L.H. Lee, B.E. Rice, D. Burr, O.R. Pavlovskis, A.L. Bourgeois, and R.I. Walker.** Intestinal Secretory IgA response of Rabbits to Challenge by Immunologic Preparations of *Campylobacter*. (Manuscript in preparation).

**Opara, O.O., M. Shahamat, B.E. Rice, R.R. Colwell, and S.W. Joseph.** Isolation of *Campylobacter* from Chickens: Enrichment vs. Direct Plating. (Manuscript in preparation).

## **Awards and Recognition:**

- **1996** American Society for Microbiology Student Travel Grant Award: American Society for Microbiology, 96<sup>th</sup> General Meeting, New Orleans Louisiana, May 19-23.
- **1996** Interviewed for Infectious Disease News article on vaccine work (Rosenthal, T. M., August, 1996. Reducing bacterial contamination through vaccination on the farm. *Infectious Disease News*, 9:8-9)
- **1996** Interviewed for Science News article on the use of vaccination for the control of *Campylobacter* in poultry ( Raloff, J. 1996. Tracking and tackling food borne germs. *Science News*. 149: 326. ).
- **Patent Pending:** ðSELeCTö methodology for the rapid detection of food borne pathogens.
- **1995** Best Graduate Student Presentation Award: 67<sup>th</sup> Northeastern Conference on Avian Diseases. Mystic, Connecticut, June 12-14.
- **Top Ten:** Volunteer Fundraising Award, Bethesda-Chevy Chase Rescue Squad: 1985, 1986, and 1989.

## **Professional Organizations:**

- American Academy of Family Physicians (*active*)
- American Society for Microbiology (*inactive*)
- American Society for Microbiology, D.C. Branch (*inactive*)
- American Public Health Association (*inactive*)

## **Activities:**

- Husband and father: wife (Annie), son (Kyle), and daughter (Gillian)
- Enthusiastic aquarist- fresh and saltwater aquariums. Enjoy carpentry/building, gardening and out-door activities (cycling, backpacking, camping).
- Student Mentor, Life Sciences Alumni Career Advisory Network, University of Maryland College Park
- Advise 5 Counselor (Volunteer-1995-1997), University of Maryland College Park