

## BIOQUEST SUGGESTED RESOURCES: A PRIMER FOR EXPANDED LEARNING

### Global Health/Disease Books (BioQuest Tested):

- ❑ Biddle, Wayne. *A Field Guide to Germs*. *A colorful and handy reference guide to over 70 infectious microbes, from the adenovirus to Zika Fever.*
- ❑ Brooks, Geraldine. *A Year of Wonders\**. *This well-written fictitious tale tells of life in the time of plague (1600s), inclusive of quarantines, abandonment, class issues and infectious disease.*
- ❑ Desowitz, Robert S. *The Malaria Capers: More Tales of Parasites and People, Research and Reality*. *Desowitz discusses the afflictions of tropical diseases and the politics behind combating them. Keep looking under Desowitz, to find many titles on pathogens.*
- ❑ Ghosh, Amitav. *The Calcutta Chromosome*. *A time-traveling science fiction thriller, that revolves around the key players that determined the link between malaria and mosquitoes.*
- ❑ Honigsbaum, Mark. *The Fever Trail*. *An engaging history of the hunt for a cure for malaria.*
- ❑ Lax, Eric. *The Mold in Dr. Florey's Coat*. *The History of the Penicillin Miracle*. *The history of the world's first antibiotic that changed modern medicine.*
- ❑ Le Couteur, Penny et al. *Napoleon's Buttons: How 17 Molecules Changed History*. *A review of 17 molecules that have radically influenced man's history (e.g., including quinine, antibiotics and salt.*
- ❑ Kidder, Tracy. *Mountains Beyond Mountains: Healing the World: The Quest of Dr. Paul Farmer*. *The biography of a man who fought to overcome insurmountable situations to increase awareness of the state of poverty and infectious disease in Haiti and elsewhere.*
- ❑ Kolata, Gina. *Flu: The Story Of The Great Influenza Pandemic*. *The history and epidemiology of the influenza epidemic and the recent work by scientists to better understand the virus.*
- ❑ Leavitt, Judith W. *Typhoid Mary, Captive to the Public's Health*. *A new look on a well-known character in infectious disease and public health history.*
- ❑ MacAllister, V. A. *Mosquito War*. *A fictitious thriller, involving malaria. While inflammatory and only fairly written, it includes extensive malaria science content.*
- ❑ Markel, Howard. *When Germs Travel*. *Reviews the American reaction to six major illnesses that struck the US in the last century (tuberculosis, typhus, trachoma, bubonic plague, AIDS, and cholera), with a large focus on the impact upon immigrants.*
- ❑ Nagami, Pamela. *The Woman with a Worm in her Head*. *A collection of infectious disease essays, including AIDS, chickenpox and flesh-eating bacteria. Not our favorite writer, but the included severe malaria tale delivers a vivid description of this disease.*
- ❑ Preston, Richard (1995). *The Hot Zone*. *The tale of an actual Ebola virus outbreak in a suburban Washington, D.C. laboratory.*
- ❑ Radetsky, Peter. *The Invisible Invaders: Viruses and the Scientists Who Pursue Them (Invisible Invaders)*. *An excellent reference for anyone who is curious as to how a virus works and overcomes body's immune system.*
- ❑ Siy, Alexandra et al. *Mosquito Bite*. *A picture book full of stunning B&W and stained mosquito photomicrographs.*
- ❑ Talarigo, Jeff. *The Pearl Diver*. *A sad glimpse into a Japanese leprosy colony (Nagashima), and the fictional prejudicial experiences of a 19-year old pearl diver interned in the late 1940s.*
- ❑ Taylor, Liza Pennywitt. *The Drummer was the First to Die\**. *Historical fiction surrounding John Snow's epidemiologic efforts with cholera, with nice links to industrial Europe and a vivid romance.*
- ❑ Thomas, Lewis. *The Lives of a Cell*. *A National Book Award winning collection of science essays – a science classic from 1972!*

\* This book contains material not suitable for younger audiences.

- ❑ Yorath, Chris. Measure Of Value: D'Arcy Island. *A fictionalized historical view of an island Leper Colony in British Columbia.*
- ❑ Zimmer, Carl. Parasite Rex. *A collection of well-researched (and amusing) essays on numerous parasites, including the agents that cause malaria and African sleeping sickness.*

#### **Global Health/Disease Books (Untested):**

Allan Stratton. Chanda's Secrets (AIDS)  
 Cindrich, Lisa. In the Shadow of The Pali: A Story of the Hawaiian Leper Colony (leprosy)  
 Close, William. Ebola: Through the Eyes of the People (Ebola)  
 Crane, Stephen. Red Badge of Courage (malaria)  
 Damsky, Shel. Saranac Lake Requiem (tuberculosis)  
 Daniel, Thomas. Captain of Death: The Story of Tuberculosis  
 DeFelice, Cynthia. The Apprenticeship of Lucas Whitaker (tuberculosis)  
 Downs, Tim. Plague Maker (plague)  
 Ellis, Ella Thorpe. My Indian Prince (tuberculosis)  
 Farrell, Jeanette. Invisible Enemies: Stories of Infectious Disease  
 Giblin, James Cross et al. When Plague Strikes: The Black Death, Smallpox, AIDS  
 Heath, Roy. The Shadow Bride (malaria)  
 Koch, Tom. Cartographies of Disease : Maps, Mapping, and Medicine  
 Koneman, Elmer et al. Other End of the Microscope: The Bacteria Tell Their Own Story, a Fantasy  
 Nagami, Pamela. Bitten: True Medical Stories of Bites and Stings  
 Roueche, Berton. The Medical Detectives (epidemiology)  
 Salyers, Abigail et al. Revenge of the Microbes  
 Spielman, Andrew et al. Mosquito: the Story of Man's Deadliest Foe  
 Tsukiyama, Gail. The Samurai's Garden (tuberculosis)  
 Whelan, Gloria. Homeless Bird (tuberculosis)  
 Wooten, Jim. We are all the Same (AIDS)  
 Zinsser, Hans. Rats, Lice, and History

#### **Global Health/Disease Videos:**

- ❑ And The Band Played On (1993). *An adaptation of the Randy Shilts' book on the emergence of AIDS in America.*
- ❑ El Mundo Gira - Season IV X-Files (1996). *A woman and her goat die of a fungal infection.*
- ❑ The Great Raid (2005). *Set in 1945, an American prisoner rescue ensues in the Philippines, and features a character plagued by malaria.*
- ❑ Outbreak (1995) *Dustin Hoffman, Rene Russo and Morgan Freeman race to save life on earth when a deadly viral outbreak hits a small town. Loosely based upon The Hot Zone.*
- ❑ Pandemic AIDS (2003). *Tells five remarkable stories from across the globe, revealing the heartaches and triumphs of real people coping with the stigma and effects of this devastating epidemic.*
- ❑ Panic in the Streets (1950) *A public health doctor works with the New Orleans police to try to control an plague outbreak. The drama is the key element here, as the scientific facts are much maligned as to the true means by which plague is spread.*
- ❑ Rx for Survival: A Global Health Challenge (2005) *looks closely at the most critical health threats facing the world today (e.g., drug resistance and over-burdened health systems).*
- ❑ The Seventh Seal (1957). *Set in a Medieval Europe racked by the plague, characters show a certain attitude in the face of Death.*