

*My Disease***CURRICULUM VITAE**

Keith Barclay Armitage
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PERSONAL INFORMATION

Social Security # 513-70-0816
Birthplace & Date: June 28, 1956; Texarkana, AR
Address: 12600 Cedar Road
Cleveland Heights, OH 44106-3220
email kba@po.cwru.edu
Marital Status Married Maria Mincek
Children Sophie, 1
Julia, 4
Emeline, 6

EDUCATION and TRAINING

1981 BA., Biology, with Honors, University of Kansas, Lawrence
1986 MD., with Honors, University of Colorado School of Medicine
1986-1989 Intern/Resident, Internal Medicine, University Hospitals of Cleveland, Ohio
1989-1990 Fellow, Divisions of Infectious Diseases and Geriatrics, Case Western Reserve University and University Hospitals of Cleveland
1991-1992 Chief Resident, Department of Medicine, University Hospitals of Cleveland

PROFESSIONAL APPOINTMENTS

2002- Acting Clerkship Director, Department of Medicine, University Hospitals of Cleveland, Case Western Reserve University
2002- Medical Scientist Training Program Advisor for Clinical Curriculum and Residency Application, Case Western Reserve University
1999- Associate Professor of Medicine, Department of Medicine, Division of Infectious Diseases
Case Western Reserve University
Cleveland, Ohio
1999- Vice -Chair for Education, Department of Medicine
1998- Co-Director, Medicine/Pediatrics Residency, University Hospitals of Cleveland

1992- Director, Internal Medicine Residency Training Program, University Hospitals of Cleveland.

1992 - 1999 Assistant Professor of Medicine, Department of Medicine, Divisions of Infectious Diseases and Geriatrics.
Case Western Reserve University
Cleveland, Ohio

1992-2000 Associate Fellowship Training Director, Division of Infectious Diseases

1991-1992 Senior Instructor, Department of Medicine
Case Western Reserve University

INTERNATIONAL EXPERIENCES

2000- Laos Internal Medicine Project Director, Health Frontiers, Case Western Reserve University, Vientiane, Laos

3/97 Visiting Instructor, Al Ain University Medical School, Abu Dhabi, United Arab Emirates

2/92 Visiting Faculty, Makerere University, Kampala, Uganda. World AIDS Foundation Course on AIDS.

9/93 Fogarty Foundation Visiting Scholar, CWRU and Makerere University School of Medicine, Kampala, Uganda

HONORS and AWARDS

1986 American Federation for Clinical Research, Meritorious Research Award

1989 Charles C.J. Carpenter, Jr., Outstanding Medical Resident Award, Department of Medicine, 1989

1991 Harry R. Christian Award of Excellence in Research, American Federation of Clinical Research

1994 Clinical Teacher of the Year, Department of Medicine, Case Western Reserve University

2002 Clerkship Teacher of the Year, Department of Medicine, Case Western Reserve University

LICENSURE Medical License: Ohio #35-05-6506

BOARD CERTIFICATION

American Board of Internal Medicine, 1989
Infectious Diseases, 1994

PROFESSIONAL SERVICE AND SOCIETIES

Association of Program Directors in Internal Medicine, 1992-present

American College of Physicians, 1990-present

Infectious Diseases Society of America, 1994-present

Editorial Board, Journal of Immigrant Health, 2000-

Editorial Board, Patient Care Magazine, 1998-

COMMITTEES

National

Program Planning Committee, Association of Program Directors in Internal Medicine, 1999-

Local

Mayors Commission on Hepatitis, Cleveland, 1994-1995

Medical School

Committee on Medical Education, Case Western Reserve University School of Medicine, 1999-

Faculty Council, School of Medicine, Case Western Reserve University, 1998-2001

Faculty Council Steering Committee, 1999-2001

Clinical Research Scholars Program Admissions Committee, Case Western Reserve University School of Medicine, 2001-

Instructor, CWRU School of Medicine Physical Diagnosis Course,
1990-1991, 1992-3, 1994-present

Departmental

Housestaff Selection Committee
Department of Internal Medicine
University Hospitals of Cleveland
1991-

Chairman, 1995-7

Co-Chairman, 1997-2000

Physician Advisory Committee, Department of Medicine, University Hospitals of Cleveland, 2000-

Leadership Council, Department of Medicine, University Hospitals of Cleveland, 2000-

Selection Committee, Division Chief for General Internal Medicine, CWRU, 1999-2000

Chair, Residency Evaluation and Credentialing Committee,
Department of Medicine, 1993-present

Education Committee, Department of Medicine 1993-, Chair 1999-

Chairman, Department of Medicine Grand Rounds Organizing Committee, 1996-

Department of Medicine QA Committee, 1993-

Course Co-Director, "Update in Clinical Management of Infectious Diseases, a Course for Primary Care Physicians," 1995-

Housestaff-Faculty Liaison Committee, Department of Internal Medicine
University Hospitals of Cleveland, 6/86-7/89, Chair, 7/92-95

Faculty Advisor, Infectious Disease Journal Club., 1993-

Department of Medicine Clinical Practice Operations Committee, 1994-2000

Hospital

Emergency Services Process Improvement Task Force, University Hospitals of Cleveland, 2001

Discharge Planning Task Force, 2001

Emergency Services Task Force, 2001

PACS Planning Committee, 2001

PCOSS Physician Steering Committee, 1999-

Co-Chair, Clinical Computing Group, University Hospitals of Cleveland, 2001-

Laboratory Services Liaison Committee, 1998-

University Hospital Graduate Medical Education Committee, 1994-

Co-Chair, Internal Medicine-Emergency Medicine QA Committee, University Hospital 1999-

Antimicrobia. Subcommittee, Pharmacy and Therapeutics Committee, University Hospitals of Cleveland, 1998-

Chair, Affiliated Health Care Providers Credentialing Committee, University Hospital, 1996

Co-Medical Director, Cuyahoga Community College Physicians Assistants
Training Program 1992-4

Pneumonia Carepath Committee, 1994-6, Chairman, 1997-2000

University Hospital Physicians Relations Task Force, 1993

University Hospital Patient Relations Committee, 1993-6

PUBLICATIONS

Armitage, KE, Fisher M. Pitting Edema and hypertrophic pulmonary osteoarthropathy. Arch Intern Med, 149:223-4, 1989.

Armitage, KE, Blanton R. Paroxysmal fluctuations in parasitemia in Plasmodium falciparum malaria. Am J Med, 90:530-31, 1991.

Armitage, KE, Flanigan, TP, Carey, JM et al. Treatment of cryptosporidiosis with paromomycin: A Report of five cases. Archives of Internal Medicine, 152:2497-2499, 1992.

Armitage, KB, Salata, RF, Landefeld, CS. Clinical and microbiologic characteristics of urosepsis in the Elderly. Infectious Diseases in Clinical Practice; 2(4):260-267, 1993.

Armitage, KB, Duffy, ER, Edmonds, KM, Mincek, MA, Hom, DS, Ellner, JJ. Transient normalization of lymphocyte blastogenic and specific antibody responses following boosting of healthy elderly subjects with tetanus toxoid, Journal of Gerontology, 48:M19-M25, 1993.

Rich, ER, Mincek, MA, Armitage, KB, Duffy, EG, Owen, DC, Payen, JD, Hom, DL, Ellner, JJ. Accessory function and properties of monocytes from healthy elderly humans for T lymphocyte responses to mitogen and antigen. *Gerontology*; 39:93-108, 1993.

Hornbuckle, KL, Bonomo, RW, Armitage, KA. Tuberculosis presenting as a chronic gluteal abscess with fistulas drainage. *Infectious Diseases in Clinical Practice*, 1997; 6(6): 413

Lange CG, Getty PJ, Morrissey AB, George AL, Young PC, Armitage KB. Destructive osteoarthritis after delayed diagnosis of tuberculosis. *Infection* 2002; 30: 46-9

CHAPTERS

Armitage, KH. Antiparasitic therapy, in *A Practical Guide to Infectious Diseases*, E. Hook, ed., Raven, London, 1991: 452-467.

Armitage, KH, Salata RA. Infectious Diseases in Immigrants and Travelers, in *Handbook of Immigrant Health*, Loue S, ed, Plenum Press, New York 1998: 349-388.

Armitage, KH, Sinclair, GI. Infectious Diseases, *Handbook of Rural Health*, Loue S, and Quill BE, eds., Kluwer Academic/Plenum Press, New York 2001: 173-188.

Armitage, KC, King CA. Management of Malaria, in Tan JS (ed), *Experts Guide to the Management of Common Infectious Diseases*. American College of Physicians, Philadelphia, 2002: 803-818.

Armitage, KH, Colecraft, KA. Urinary Tract Infections and Prostatitis, in Tan JS (ed), *Experts Guide to the Management of Common Infectious Diseases*. American College of Physicians, Philadelphia, 2001:253-270.

Armitage KB and Salata RA. Infectious diarrhea and gastroenteritis, in Tan JS (ed), *Experts Guide to the Management of Common Infectious Diseases*. American College of Physicians, Philadelphia, 2002:133-158.

Armitage KB and Salata, RA. Sexually Transmitted Diseases, in Andriole TE, Bennett JC, Carpenter, CJCC (eds), *Cecil's Essentials of Medicine*. W.B. Saunders Co., Philadelphia, Sixth edition, in press.

Armitage KB and Salata, RA. Infectious Diseases of Travelers; Protozoan and Helminthic Infections, in Andriole TE, Bennett JC, Carpenter, CJCC (eds), *Cecil's Essentials of Medicine*. W.B. Saunders Co., Philadelphia, Sixth edition, in press.

ABSTRACTS

Armitage, KH, Thomas, MR, Robinson, WA. When should allogeneic bone marrow transplantation be done in chronic myeloid leukemia? *Clin Res*, Vol. 33, 1985.

Armitage, KH, Salata, RA, Landefeld, CS. Clinical and Microbiologic Correlates of Urosepsis in the Elderly. *Gerontology*, vol. 34, 1992. Presented at the National Meeting of the Gerontologic Society of America, 1992.

Armitage, KH, Mincek, MA, Duffy, EM, Ellner, JJ. Presentation of lymphocyte blastogenic responses to tetanus toxoid boosting in the elderly. *Clin Res*, 39(2):199A, 1991.

Aucott, JN, Armitage, KB, Hull, AL, Aron, DC. Firm-Based ambulatory education: a model for change at a VA Medical Center. Presented at the APDIM meeting, April 1993

Armitage, KH, Aucott JN, Hull AL, Biblo LA. House Officer evaluation of a resident/physicians assistant-staffed Hematology/Oncology ward: The balance between service and education. Presented at the National APDIM meeting, March, 1993.

Armitage, KB, Cooper, GR, Warren, TA, Salata, RA. The impact on length of stay, hospital costs, and antibiotic utilization of a collaborative carepath for community acquired pneumonia. Presented at the National Meeting of the Society for Healthcare Epidemiology of America, 1997.

Wolpaw TM, Papp KK, Armitage KB, Hornick T. Teaching in the Ambulatory Setting: Preceptor and Resident Perceptions. Poster presented at APDIM, Spring 1998.

Armitage, KB, Boyd K., Vest M., Salata RS. The Effect on Resource Utilization and Length of Stay of an Emergency Room Protocol for Community Acquired Pneumonia. Presented at the European Congress for Infectious Diseases symposium on pneumonia, Venice, Italy, November, 1998.

Wolpaw TM, Papp KK, Wolpaw DR, Armitage KB. Introduction of a two-year ambulatory curriculum in a categorical internal medicine residency. Poster presentation at the Society of General Internal Medicine meeting 3/99.

Laura M. Dickenson, Robert A Salata, Morton Goldman, Keith B. Armitage. Does Limiting Fluoroquinolones Use for Community Acquired Pneumonia in Hospitals Prevent FQ Resistance among GNRs? Programs and Abstracts, Infectious Diseases Society of America 39th annual meeting, 2001, p 124.

Hamza N, Bhalla A, Salata RA, Ortiz J, Armitage K, Hornick T and Bonomo R. Isolated Enterococcal Pulmonic Valve Endocarditis. An Unusual Presentation of a Rare Disease. Poster presentation at the Infectious Diseases Society of America 39th Annual Meeting. San Francisco, CA, October 25-28, 2001.

PRESENTATIONS

Medicine Fall 1995 CME for Primary Care Physicians, "Update in Adult Immunizations" November 1995

"Case Discussions in UTIs/Prostatic Infections," Clinical Update in the Management of Infectious Diseases, CME Program, 3/95

Medical Grand Rounds, MetroHealth Medical Center/Case Western Reserve University, "Hepatitis A", June 10, 1996

Medical Grand Rounds, University Hospital, Case Western Reserve University, "The Cleveland Hepatitis A Epidemic" March 19, 1996

CME for Primary Care Physicians, "Update on Therapy for Respiratory Tract Infections," October 9, 1996

"Case Discussions in Infectious Diarrhea," Clinical Update in the Management of Infectious Diseases, 4/96; CME program

CWRU Center for International Health 8th Annual Course on International Medicine, "Medicine for Returning Travelers," Medicine for Departing Travelers," September 1995-2002

Medical Grand Rounds, Meridia Huron Hospital; "The Cleveland Hepatitis A Epidemic," 11/3/97

Grand Rounds, Department of OB/Gyn, UH; "Viral Hepatitis in primary care," 4/13/97

Annual Meeting, Osteopathic Academy of Cleveland; "Advances in the therapy of community acquired pneumonia" 9/9/97

Grand Rounds, Brown Memorial Hospital; "New Approaches to Community Acquired Pneumonia," 11/4/97

Grand Rounds, Toledo General Hospital; "Fever in returning travelers/Malaria," 8/22/97,

Medical Grand Rounds, Riverside Hospital, Columbus, Ohio, "Management of Upper Respiratory Tract Infections," 1/6/98

Medical Grand Rounds, Case Western Reserve University, "Carepaths for Community Acquired Pneumonia," 2/3/98

Annual Meeting of the Ohio Association of Physicians Assistants; "Update on New Antibiotics," 3/12/98

Medical Grand Rounds, Mt. Sinai Medical Center/Case Western Reserve University, "Advances in the therapy of systemic fungal infections," 3/25/98

Grand Rounds, Bedford Community Hospital, "New approaches to community acquired pneumonia," 4/1/98

Grand Rounds, Southwest General Community Hospital, "New Oral Antibiotics," 4/8/98

Medical Grand Rounds, Southwest General Hospital, "Carepaths for Community Acquired Pneumonia," 10/9/98

Topics in Geriatrics, Case Western Reserve University, "Infections in the Elderly," 10/8/98

Annual Meeting of the American College of Physicians-American Society of Internal Medicine (Ohio Chapter), "MKSAP Review of Infectious Diseases," 10/3/98

Medical Grand Rounds, St. Johns Hospital/ Wayne State University, Detroit, MI, "Carepaths for Community Acquired Pneumonia" 4/99

Northeast Ohio Infectious Diseases Roundtable/CWRU, "Therapy of Nosocomial Pneumonia," 5/19/99

Medical Grand Rounds, Detroit Receiving Hospital/Wayne State University, "Update on Community Acquired Pneumonia" 8/99

Association of Program Directors in Internal Medicine Spring Plenary Meeting, "Organization and Content of Intern Orientation (workshop)", 4/00

Grand Rounds Euclid Community Hospital, "Infections in the Elderly" 5/00

Medical Grand Rounds, Bedford Community Hospital, "Update on Community Acquired Pneumonia," 9/00

Update in Infectious Diseases/ Sanibel Island, FL., "New and Old Antibiotics," 5/00 Topics

Grand Rounds, Geneva Memorial Hospital, "Influenza," 9/00

Grand Rounds, Southwest General Hospital, "Update on Influenza," 9/00

Grand Rounds, Southwest General Hospital, "Update on Antifungal Therapy" 10/00
Rheumatology Grand Rounds, CWRU, "New Antibiotics," 10/00

Emerging Standards of Care (University Hospital/CWRU), "New and Old Antibiotics," 11/00

Northeast Ohio Infectious Diseases Roundtable, "The Process of Care in Community Acquired Pneumonia," 11/29/00

Grand Rounds, University Suburban Health Center, "Update on Influenza," 2/1/01