

Wake Forest University School Of Medicine

Curriculum Vitae

NAME: Kevin P. High, M.D.,M.Sc.

CURRENT ACADEMIC TITLE: Chief, Section on Infectious Diseases
Professor of Medicine, Sections on Infectious Diseases, Hematology/Oncology, and Molecular Medicine

ADDRESS:
BUSINESS: Section of Infectious Diseases
Department of Internal Medicine
Wake Forest University School of Medicine
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Winston-Salem, North Carolina 27157
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EDUCATION:

1982	Bucknell University Lewisburg, PA Bachelor of Science, Biology
1986	University of Virginia School of Medicine Charlottesville, VA Doctor of Medicine
1998	Wake Forest University Winston-Salem, NC Master of Science, Epidemiology

POSTDOCTORAL TRAINING:

1986-1989	Internship/Residency - Internal Medicine University of Virginia Hospital Charlottesville, VA
1989-1990	Chief Resident - Internal Medicine (Edward W. Hook, MD, Chair of Medicine) University of Virginia Hospital Charlottesville, VA
1990-1993	Fellow, Infectious Diseases Section Yale University, School of Medicine

New Haven, CT

ADMINISTRATIVE TRAINING:

1999 Leadership, Administration and Finance Course
Babcock School of Management
Winston-Salem, NC

2002 AAIM Executive Leadership Program
Boston, MA

PROFESSIONAL LICENSURE:

1988-Present Virginia #0101042110
1990-1993 Connecticut #031084
1993-Present North Carolina #93-00149

SPECIALTY CERTIFICATION:

1989 Certified, American Board of Internal Medicine
1992 Certified, Infectious Diseases, American Board of
Internal Medicine; Re-certified 2002

ACADEMIC APPOINTMENTS:

1993-2000 Assistant Professor of Medicine
Section on Infectious Diseases
Wake Forest University School of Medicine

1999-Present Joint Appointment in Hematology/Oncology
Wake Forest University School of Medicine

2000-2006 Associate Professor of Medicine
Sections on Infectious Diseases and Hematology/Oncology
Wake Forest University School of Medicine

ADMINISTRATIVE AND PROFESSIONAL APPOINTMENTS:

1990-1992 Course Director, Microbiology
Yale Physicians Associate Program

1994-2007 Program Director
Infectious Diseases Fellowship
Wake Forest University School of Medicine

1995-1999 Associate Program Director
Internal Medicine Residency
Wake Forest University School of Medicine

1997-1998 Vice Chair for Education
Department of Internal Medicine
Wake Forest University School of Medicine

1998-2000 Vice Chair for Business/Administration

2002	Department of Internal Medicine Wake Forest University School of Medicine Interim Chair
2005-Present	Department of Internal Medicine Wake Forest University School of Medicine Co-Director, Molecular Medicine Graduate Program
2006-Present	Wake Forest University Graduate School of Arts/Sciences Professor of Medicine (with Tenure) Sections of Infectious Diseases, Hematology/Oncology and Molecular Medicine
2006-Present	Wake Forest University School of Medicine Chief, Section on Infectious Diseases Wake Forest University School of Medicine

OTHER PROFESSIONAL APPOINTMENTS AND ACTIVITIES:

PRESENT HOSPITAL STAFF APPOINTMENTS:

1993-Present	Wake Forest University Baptist Medical Center - Attending Physician
2004-Present	Iredell Memorial Hospital, Statesville, NC Consulting Staff

PAST HOSPITAL STAFF APPOINTMENTS:

1991-1993	New Britain General Hospital, New Britain, CT Courtesy Staff
1993	West Haven VA Hospital, West Haven, CT Consultant Physician

OTHER PROFESSIONAL APPOINTMENTS AND ACTIVITIES (cont'd):

1995-1996	High Point Regional Hospital, High Point, NC Courtesy Staff
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EDITORIAL APPOINTMENTS:

Editor:

1997-1998	Guest Editor, <i>Infections in Medicine</i> : Series on Infections in the Elderly
1998	Guest Editor, <i>Hospital Physician</i> : Infectious Diseases Board Review Manual
2002-Present	Section Editor, <i>Clinical Infectious Diseases</i> Aging and Infectious Diseases
1-0	Guest Editor, <i>Geriatric Clinics of North America</i>

Infectious Diseases
1-0 Associate Editor, Principles of Geriatric Medicine and
Gerontology, 6th Edition, McGraw Hill
2006-Present Section Editor, *Journal of the American Geriatrics Society*
Geriatric Bioscience

Editorial Boards:

1999-Present MEDSCAPE – Infectious Diseases
2000-Present *Journal of the American Geriatrics Society* (Section
Editor)
2002-Present *Clinical Infectious Diseases* (Section Editor)

Reviewer:

Annals of Internal Medicine
Annals of Long-Term Care
Atherosclerosis
Clinical Cancer Research
Clinical Infectious Diseases
Infections in Medicine
Journal of the American Geriatrics Society
Journals of Gerontology: Medical Sciences
Journal of Infectious Diseases
Journal of Leukocyte Biology
Journal of Rheumatology
New England Journal of Medicine

HOSPITAL, SCHOOL, MEDICAL CENTER COMMITTEES (SELECTED):

1994-1996 Biosafety Committee
1997-1998 Institutional Review Board
1998-1999 Adhoc Review Committee, Epidemiology Master's
Program
1-0 Rheumatology Section Head Search Committee, Chair
1999-2002 Dean's Advisory Committee
1999-2004; 2006-Present WFUP Council (Clinical Practice Plan)
2002-2004 Executive Committee
Budget Committee (Chair)
2002-2003 Graduate Medical Education Council
2002 Faculty Executive Committee
2002 Chief of Professional Services Executive Committee
2003-Present Physician Services/Academic Programs (PSA/APA)
Committee

1997 NC; Secretary
1998 NC; Vice-President
1999 NC; President-Elect
2000 NC; President

2001 NC; Immediate Past President
Chair, Nominating Committee
2002-2006 Secretary/Treasurer

1990-Present

Infectious Diseases Society of America

National Positions:

2003-Present IDSA Representative to Assoc Subspecialty Profs
2003-2006 Abstract Reviewer for Annual Session
2005-Present ID Training Program Directors Committee
2006-Present Education Committee Member

1994-2003

American Federation for Medical Research

1995-Present

Association of Specialty Professors

National Positions:

2000-Present Council Member
2000-Present Chair, Geriatrics Subcommittee
2003-2004 Treasurer
2004-2007 President-Elect, President, Past-President
2006-2007 AAIM President Search Committee

1997-Present

American Geriatrics Society

National Positions:

1998 AGS Representative to National Coalition for
Adult Immunization
1999 AGS Representative – Clinical Practice
Guideline. Evaluation of Fever in Nursing
Home Residents
2002 Symposium Chair
2003 Symposium Chair
AGS Representative - CDC conference on
Bioterrorism
2006-Present Research Committee

2006-Present **American Board of Internal Medicine**

National Positions:

1	Internal Medicine Recent Advances SEP Committee
2	Clinical Skills SEP Module – Committee Chair
2006-Present	Internal Medicine Test-writing Committee
2006-Present	Member, Board of Directors

HONORS AND AWARDS:

1982	Magna Cum Laude, Phi Beta Kappa, ECAC Scholar/Athlete
1986	Alpha Omega Alpha, Omicron Delta Kappa
1993	Teacher of the Year, Yale Physicians Associate Program
1995, 1997, 2005, 2006	Tinsley Harrison Award for Clinical Teaching, Wake Forest University School of Medicine Internal Medicine Housestaff
1999	Commendation for Outstanding Contribution to the Internal Medicine Residency Program, Wake Forest University School of Medicine
2002, 2004 - 2006	Named to “Best Doctors in North Carolina” by <i>NC Business Journal</i>
2002	Visiting Professor, Divisions of Geriatrics and Infectious Diseases, University of Michigan School of Medicine, Ann Arbor, Michigan
2002, 2003	Master Teacher Award, Wake Forest University School of Medicine, Internal Medicine Housestaff
2004 - 2006	Ad hoc NIH Study Section (ZRG1 IDM-A 90)
2005	Visiting Professor, Department of Internal Medicine Drexel College of Medicine, Philadelphia, PA
2006	Visiting Professor, Department of Internal Medicine Hennepin County Hospital, Univ of Minnesota

RESEARCH INTERESTS:

- Changes in immunity and infection risk in older adults
- Clinical relevance of surrogate markers of immune senescence
- Infections in patients with suppressed immunity
- Nutritional modulation of immune responses in transplant recipients and the elderly

GRANTS:

NIH/Foundation (Direct Costs)

Pending

1. Aging, Gene Expression and Dietary Supplements That Mimic Caloric Restriction (PO1 AT003931-01). NCAM (Principal Investigator); \$4,064,732.

Current

2006. Developing a New Generation of Medical Subspecialists with Expertise in Aging and Care of the Elderly: The T. Franklin Williams Award Program, Atlantic Philanthropies, Inc. (Principal Investigator); 2003-2012; \$8,500,000.
2007. Integrating Geriatrics Into the Subspecialties of Internal Medicine. John A. Hartford Foundation (#99-0247), 2001-2006; \$6,500,000 (Principal Investigator of Subcontract (\$1,000,000) to Association of Subspecialty Professors; Co-Principal Investigator for overall grant 2003-2007).
2008. Brucella, Aging and the Role of IL-17 in Host Defense. NIAID (1 R21AI057952-01A1); (Principal Investigator), 07/01/04-06/30/07; \$400,000.
2009. Integrating Geriatrics Into the Specialties of Internal Medicine: *Moving Forward From Awareness To Action*. John A. Hartford Foundation (Principal Investigator) \$2,628,356;

Past

1. NIH Training Grant for Clinical Investigation Fellowship, Immunophilins in *Toxoplasma gondii*. DK07476, 1991-1993, (Principal Investigator) \$72,000.
2. Retinol Supplementation and Immune Recovery After Autologous Bone Marrow or Peripheral Blood Stem Cell Transplantation. American Institute of Cancer Research, (Principal Investigator), 1998-2000; \$150,000.
3. Dietary Fatty Acid Control of Inflammation. NIH (AI-42022), 2001-2003 (Principal Investigator; 35%); \$345,766.
4. Functional Senescence of Innate Immunity and Pneumonia Risk in Older Adults. NIA (1 RO3 AG022631-01) 09/01/03-12/31/04 (Principal Investigator, 0%); \$50,000.
5. Respiratory Infection in Older Adults: An Interdisciplinary Approach. Canadian MPC, \$499,225, (Dr. M. Loeb, Principal Investigator), Subcontract, \$60,000 to K. High, 2002-2004.
6. Enhancing the Healthcare Provided by Subspecialty Internal Medicine Practitioners to Older Adults Through the American Board of Internal Medicine's CPD Program. Jointly funded by: John A Hartford Foundation, Merck Institute of Aging and Health, Atlantic Philanthropies, Inc. (Principal Investigator; 15%); \$225,000; 2004-2005.
7. Fluconazole vs. Voriconazole as Prophylaxis for Fungal Infection in Allogeneic Hematopoietic Stem Transplant Recipients. NCI, 2003-Present; Funds Accruing on a Per Patient Basis (BMT-CTN protocol; Local Principal Investigator).

Intramural (Direct Costs)

Past

1. Invasive Aspergillosis in Mice Immunosuppressed with Cyclosporine A, FK506 or Rapamycin, BGSM Venture Grant, \$5,996, 1994. (Principal Investigator)
2. β -carotene, Retinoids and Immune Recovery After Bone Marrow Transplantation. American Cancer Society, Institutional Pilot Study, \$7500, 1996-1997.(Principal Investigator)
3. Nutrition and Immune Competence in the Healthy Elderly (NICHE Study), Wake Forest University Nutrition Center Pilot Grant, \$25,000 1997-1998. (Principal Investigator)
4. Regulation of Aromatase and Other Critical Gene Products in Breast Cancer Cell Growth by PPAR- γ . CCCWFU Push Grant, \$10,000 (Principal Investigator), 2002.

Industry

Current

2004. A Randomized, Double-Blind, Placebo-Controlled Study to Assess the Efficacy and Safety of Prophylactic Use of Maribavir for the Prevention of Cytomegalovirus Diseases in Recipients of Allogeneic Stem Cell Transplants. Viropharma, Inc. Funds accruing on a per patient basis.
2005. A Double-Blind, Randomized, Controlled Trial of Voriconazole plus Micafungin versus Voriconazole plus Placebo Equivalent in the Treatment of Patients with Proven or Probable Invasive Aspergillosis. Astellas Pharma U.S. Inc. Funds accruing on a per patient basis.

Past

1. Phase II/III Trial of Cysteamine and Zidovudine for the Treatment of HIV Diseases. Mylan Laboratories, Inc., \$26,000, 1993-1994. (Principal Investigator)
2006. Azithromycin Pharmacokinetics in Kidney Transplant Recipients with Stable Renal Function who are on a Fixed Maintenance Dose of Cyclosporine, Pfizer, Inc., \$4,800, 1995. (Principal Investigator)
2007. A Phase I Study of Testoderm - TTS in Hypogonadal Males with and without AIDS. Alza Pharmaceuticals, \$17,923, 1995. (Principal Investigator)
2008. An Open-label Study of the Safety and Biologic Effects of Stavudine Plus Didanosine in Nucleoside Experienced HIV-infected Patients with CD4+ Counts Between 100-500/mm³. Bristol-Myers Squibb, Inc. \$17,424, 1996-97. (Principal Investigator)
2009. Pfizer Fellowship Program for Training International Clinical Investigators. [Pfizer International, Pfizer, Inc.] \$40,000, 1996-1998. (Principal Investigator)

2010. A Phase III Randomized Double-Blinded Placebo Controlled Trial of Recombinant Human Granulocyte-Macrophage Colony-Stimulating Factor (rhu GM-CSF) in Patients with Advanced HIV Disease. Immunex Corp. \$26,075, 1996-1998. (Principal Investigator)
2011. An Open Randomized Comparative Multicenter Study Of The Efficacy, Safety And Toleration Of Voriconazole Vs. Amphotericin B Followed By Other Licensed Antifungal Therapy In The Treatment Of Acute Invasive Aspergillosis In Immunocompromised Patients. Pfizer, Inc. \$5904. 1997-1998. (Principal Investigator)
2012. A Phase III Multicenter, Randomized, Open-label study to compare Antiretroviral Activity and tolerability of three combination regimens (DMP-266 + Indinavir, DMP-266 + zidovudine + lamivudine, Indinavir + zidovudine + lamivudine) in HIV-infected patients. Dupont Merck. \$128,915. 1998-2002 (Principal Investigator)
2013. Multicenter, Double Blind Randomized Comparative Study to Evaluate the Safety, Tolerability and Efficacy of MK-0991 versus Amphotericin B in the Treatment of Invasive Candidiasis in Adults. Merck. \$4400. 4/1/98-10/31/99 (Principal Investigator)
2014. A Phase II Randomized, Parallel Group, Multiple Dose Study of Lodenosine (FddA) in Combination with Stavudine and Indinavir in Antiretroviral-Naïve, HIV Infected Adult Patients. PPD Pharmaco. \$21,264. 10/1/98-12/31/99 (Principal Investigator)
2015. A Phase III, randomized, double blind, placebo controlled, multicenter study of the efficacy of Adefovir Dipivoxil as intensification therapy in combination with highly active anti-retroviral therapy (HART) in HIV-infected patients with HIV-1 RNA >50 and <400 copies per ml. Gilead Sciences. \$12,375. 5/1/99-4/30/00 (Principal Investigator).
2016. Multicenter, Double-Blind, Randomized Study to Compare the Safety and Efficacy of Levofloxacin with that of Cefepime in the Treatment of Fever and Neutropenia. R. W. Johnson Pharmaceutical Research Institute. \$7,400. 2/1/99-1/31/00 (Principal Investigator).
2017. A Phase 3, Randomized, Double-Blind, Comparative Trial of FK463 Versus Fluconazole for the Prophylaxis of Fungal Infections in Patients Undergoing a Hematopoietic Stem Cell Transplant. Fujisawa Healthcare, Inc. \$96,000. 10/1/99-9/30/00 (Principal Investigator).
2018. A Multicenter, Double-Blind, Randomized Comparative Study to Evaluate the Safety, Tolerability, and Efficacy of MK-0091 versus Amphotericin B Liposome for Injection as Empirical Therapy in Patients with Persistent Fever and Neutropenia. Merck and Co, Inc. Funds accruing on a per patient basis. \$ 63,335. 6/15/00-12/31/03 (Principal Investigator).
2019. A Phase III, Multicenter, Randomized, Open-Label, Comparative Study To Assess The Safety and Efficacy of Daptomycin Compared to Conventional Therapy In the Treatment of Subjects With Infective Endocarditis and Complicated Bacteremia Due to *Staphylococcus aureus*. Cubist Pharmaceuticals, Inc. \$44,000. 2/01/02-present (Principal Investigator)

BIBLIOGRAPHY:

BOOK CHAPTERS:

1. Raad J and **High KP**. Infections in the Elderly, in Hospital Physician: Infectious Diseases Board Review Manual, Vol. 4, Part 2:1-12, Turner White, Wayne PA, 1998.
2. McDougal EC and **High KP**. Fever of Unknown Origin in Adults, in Hospital Physician: Infectious Diseases Board Review Manual, Vol. 4, Part 3:1-14, Turner White, Wayne PA, 1998.
3. Nesky MA and **High KP**. Postexposure prophylaxis I: Human Immunodeficiency Virus and Hepatitis, in Hospital Physician: Infectious Diseases Board Review Manual, Vol. 4, Part 4:1-11, Turner White, Wayne PA, 1998.
4. **High KP**. Infections in the Elderly in Principles of Geriatric Medicine and Gerontology, Hazzard, Blass, Ettinger, Jr, Halter, Ouslander, eds. McGraw-Hill, NY, 1999; pp. 1443-1454.
5. Nesky MA and **High KP**. Postexposure prophylaxis II: tuberculosis, rabies and *Neisseria meningitidis* in Hospital Physician: Infectious Diseases Board Review Manual, vol. 5, Part 1:1-11, Turner White, Wayne PA, 1999.
6. **High KP**. Nutrition and Infections in Infectious Disease in the Aging: A Clinical Handbook, Yoshikawa TT and Norman DC, eds. Humana Press, Totoway, NJ, 2001; pp. 299-312.
7. **High KP**. Infectious Diseases in Geriatric Review Syllabus: A Core Curriculum in Geriatric Medicine, 5th edition, Cobbs, Duthie, and Murphy, eds. Malden MA: Blackwell Publishing for the American Geriatrics Society; 2002; pp. 306-315.
8. **High KP**. Nutrition and Infection in Elderly Residents of Long-term Care Facilities in Infection Management of Geriatrics in Long-term Care Facilities, Yoshikawa TT and Ouslander JG, eds. Marcel Dekker, NY, 2002; pp. 51-70.
9. **High KP** and Loeb MD. Infections in the Elderly in Principles of Geriatric Medicine and Gerontology, 5th edition. Hazzard, Blass, Ettinger, Jr, Halter, Ouslander, eds. McGraw-Hill, NY. 2003; pp. 1071-1081.
10. Morse CG and **High KP**. Nutrition and Infection in Principles and Practice of Infectious Diseases, 5th Edition. Mandell, Bennet and Dolin, eds. Churchill-Livingstone, NY. 2004; pp. 139-148.
1. **High KP**. Murine Models of Infectious Diseases in the Aged. In: Handbook of Models of Human Aging. Conn PM, ed. Elsevier Academic Press, San Diego, CA. 2006; pp. 651-660.

11. **High KP**. Assessment of Nutritional Status and Interventions to Reduce Infection Risk in the Elderly in Antibiotic Therapy for Geriatric Patients, Yoshikawa TT and Rajagopalan S, eds. Taylor & Francis Books, NY. 2006; pp. 53-66.
12. **High KP**. Infectious Diseases in Geriatric Review Syllabus: A Core Curriculum in Geriatric Medicine, 6th edition, Cobbs, Duthie, and Murphy, eds. Malden MA: Blackwell Publishing for the American Geriatrics Society; 2006; pp. 332-343.
13. **High KP**. Nutrition and Infection in Elderly Residents of Long-term Care Facilities in Infection Management of Geriatrics in Long-term Care Facilities, 2nd edition Yoshikawa TT and Ouslander JG, eds. Marcel Dekker, NY, 2007; pp. 71-86.
14. Luther V and **High KP**. Infectious Diseases and Aging in Encyclopedia of Health and Aging, Markides KS, ed. SAGE Publications, Thousand Oaks, CA, In press.
15. Luther V and **High KP**. Infections of the Bladder and Kidney in Encyclopedia of Health and Aging, Markides KS, ed. SAGE Publications, Thousand Oaks, CA, In press.
16. Luther V and **High KP**. Pneumonia and Tuberculosis in Encyclopedia of Health and Aging, Markides KS, ed. SAGE Publications, Thousand Oaks, CA, In press.
17. Ganatra V and **High KP**. Systemic Infections in Encyclopedia of Health and Aging, Markides KS, ed. SAGE Publications, Thousand Oaks, CA, In press.
18. Trotman R and **High KP**. Cellulitis in Encyclopedia of Health and Aging, Markides KS, ed. SAGE Publications, Thousand Oaks, CA, In press.
2. **High KP**. Immunizations in Older Adults. Clinics in Geriatrics, In press.
3. **High KP**. Special Considerations in the Diagnosis and Treatment of Infections in the Elderly. In: UpToDate, Rose, BD (ed), UpToDate, Wellesley, MA, In press.

PEER-REVIEWED JOURNAL ARTICLES:

1. **High KP**, Quagliarello V. Yeast Perinephric Abscess, Case Report and Review. Clin Inf Dis 1992;15:128-133.

2. **High KP**, Handschumacher RE. Immunity, microbial pathogenesis, and immunophilins; Finding the keys, now where are the locks? *Infectious Agents and Disease* 1992;1:121-135.
3. Cobb DK, **High KP**, Sawyer RG, Sable CA, Adams RB, Lindley DA, Pruett TL, Schwenger KJ, Farr BM. Scheduled central venous catheter replacement by guidewire or new site: A randomized trial. *N Engl J Med* 1992;327:1062-8.
4. **High KP**, Joiner KA, Handschumacher RE. Isolation, cDNA sequences and biochemical characterization of the major cyclosporine binding proteins of *Toxoplasma gondii*. *J Biol Chem* 1994;269:9105-9112.
5. **High KP**. The antimicrobial activities of cyclosporine, FK506 and rapamycin. *Transplantation* 1994;57:1689-1700.
6. Barber BA, Pegram PS, **High KP**. Clindamycin-Primaquine for *Pneumocystis carinii* Pneumonia Prophylaxis. *Clin Infect Dis* 1996;23:718-722.
7. **High KP**, Washburn RG. Invasive Aspergillosis in Mice Immunosuppressed with Cyclosporin A, Tacrolimus (FK506) or Sirolimus (Rapamycin). *J Infect Dis* 1997;175:222-225.
8. Bell RA, **High KP**. Alterations of Immune Defense Mechanisms of the Elderly: The Critical Role of Nutrition. *Infections in Medicine*. 1997;14:415-424.
9. Herman CM, Chen JC, **High KP**. The Impact of Penicillin Resistance in *S. pneumoniae* on the Cost-Effectiveness of Pneumococcal Vaccine. *Infections in Medicine*. 1998;15:233-275.
10. Silva IC and **High KP**. Outpatient Treatment for Febrile Neutropenic Patients. *Infectious Diseases in Clinical Practice* 1998;7:307-311.
11. **High KP**. Nutrition and Susceptibility to Infection in Older Adults. *Infectious Diseases in Clinical Practice* 1999; 8:34-40.
12. **High KP** and Joiner KA. Meeting Review: Integrating Geriatrics into Infectious Diseases Training, Research Training, Board Certification and Continuing Education. *Clinical Infectious Diseases* 1999;28:753-756.
13. **High KP**. Atherosclerosis and infections due to *Chlamydia pneumoniae* or cytomegalovirus; weighing the evidence. *Clinical Infectious Diseases* 1999;28:746-749.

14. Nunez M, Radford J, Cruz J, Perry J, Hurd D, **High KP**. Tuberculosis after bone marrow transplantation. *Inf Dis Clin Prac* 1999;8:172-176.
15. **High KP**. Micronutrient Supplementation and Immune Function in the Elderly. *Clinical Infectious Diseases* 1999;28:717-722.
16. Clay CE, Namen AM, Willingham MC, **High KP**, Kute TE, Trimboli AJ, Fonteh AN, Dawson PA, Chilton FH. Influence of J series prostaglandins on apoptosis and tumorigenesis of breast cancer cells. *Carcinogenesis* 1999;20:1905-1911.
17. Trimboli AJ, Waite BM, Atsumi G, Fonteh AN, Namen AM, Clay CE, Kute TE, **High KP**, Willingham MC, and Chilton FH. Influence of CoA-Independent transacylase and cyclooxygenase inhibitors on the proliferation of breast cancer cells. *Cancer Res* 1999;59:6171-6177.
18. Angel JB, **High KP**, Rhame F, Brand D, Whitmore JB, Agosti JM, Gilbert MJ, Dereziński S, and the Leukine/HIV Study Group. Phase III Study of Granulocyte-Macrophage Colony-stimulating Factor in Advanced HIV Disease: Effect on Infections, CD4 Counts and HIV Suppression. *AIDS* 2000;14:387-395.
1. Clay CD, Namen, AM, Fonteh AN, Atsumi G, **High KP** and Chilton FH. 15-deoxy- $\Delta^{12,14}$ PGJ₂ induces diverse biological responses via PPAR γ activation in cancer cells. *Prostaglandins and Other Lipid Mediators* 2000;62:23-32.
19. Bentley DW, Bradley S, **High K**, Schoenbaum S, Taler G, and Yoshikawa TT. Practice guideline for evaluation of fever and infection in long-term care facilities. *Clin Inf Dis* 2000;31:640-653 (Reprinted in *J Am Geriatr Soc* 2001; 49(2):210-22).
2. Fonteh AN, Barham BJ, Atsumi G, Marion CR, Edens MB, Samet JM, **High KP**, Chilton FH. Enhancement of mast cell survival; A novel function of some secretory phospholipase A₂ isotypes. *J Immunology* 2001;167:4161-4171.
20. Clay CE, Namen AM, Atsumi G, Trimboli AJ, Fonteh AN, **High KP**, Chilton FH. The magnitude of PPAR γ activation is associated with important and seemingly opposite biological responses in breast cancer cells. *J Invest Med*, 2001;49:413-20.
21. Keung Y-K, Wasilauskas B, and **High K**. Catheter-related *Aureobasidium pullulans* infection in autologous stem cell transplantation. *Inf Dis Clin Prac*, 2001;10:273-4.

22. Daybell D and **High K**. How to Identify and Treat Sexually Transmitted Diseases in Older Adults. *Skin & Aging*, 2001; 9(6):71-80.
23. **High KP**. Nutritional strategies to boost immunity and prevent infection in the elderly. *Clin Inf Dis*, 2001;33:1892-1900.
3. Clay CE, Atsumi G, **High KP**, and Chilton FH. Early *de novo* gene expression is required for 15 deoxy $\Delta^{12,14}$ PGJ₂ induced apoptosis in breast cancer cells. *J Biol Chem*, 2001;276:47131-47135.
24. **High KP**, Legault C, Sinclair J, Cruz J, Hill K, and Hurd D. Low plasma concentrations of retinol and α -tocopherol in hematopoietic stem cell transplant recipients: the impact on mucositis and risk of infection. *Am J Clin Nutrition*, 2002;76:1358-66.
25. Matulis M and **High K**. Immune reconstitution after Hematopoietic Stem Cell Transplantation and its influence on respiratory infection. *Seminars in Respiratory Infections*, 2002;17:130-9.
26. Monjazebe AM, Clay CE, **High KP**, and Chilton FH. Antineoplastic properties of arachidonic acid and its metabolites. *Prostaglandins and Other Lipid Mediators*, 2002; 66:5-12.
4. Clay CE, Thorburn J, Chilton FH, **High KP**. 15 deoxy $\Delta^{12,14}$ PGJ₂ induced apoptosis does not require PPAR γ in breast cancer cells, *J Lipid Research*, 2002;43:1818-1828.
27. Nicholson SC **High KP**, Webb CD, Gothelf S. Gatifloxacin in Community-Based Treatment of Acute Respiratory Tract Infections in the Elderly. *Diag Microbiol Inf Dis*, 2002;44:109-116.
28. Goodrum FD, Jordan CT, **High KP**, and Shenk T. Human Cytomegalovirus gene expression during infection of primary hematopoietic progenitor cells: a model for latency. *Proc Natl Acad Sci. USA*, 2002;99:16255-60.
29. **High KP**, Sinclair J, Easter LH, Case D, and Chilton FH. Age-associated Changes in Serum Polyunsaturated Fatty Acid Levels in Humans. *J Nutr Health Ageing*, 2003;7:378-384.
30. Aggana E, Hammond L, Hawkins PN . . . **High KP**, et al. Heterogeneity Among Patients With Tumor Necrosis Factor Receptor-Associated Periodic Syndrome Phenotypes. *Arth Rheum*, 2003;48:2632-44.
31. Buchanan CK and **High KP**. Nutrition, Aging and Infection. *Clinical Geriatr*, 2004;12:44-50.
32. **High KP**. Infection as a Cause of Age-Related Morbidity and Mortality. *Aging Res Rev*, 2004; 3:1-14.

33. Iannini PB, Ruskin J, **High KP**, Klugman KP, MacGowan AP, Niederman MS, Peterson LR and Rotschafer J. A Retrospective Evaluation of Fluoroquinolone Antibacterial Selection in a U.S. Community Hospital. *Today's Therapeutic Trends*, 2004; 22:29-41.
34. Goodrum F, Jordan C, Terhune S, **High K**, and Shenk T. Differential Outcomes of Human Cytomegalovirus Infection in Primitive Hematopoietic Subpopulations. *Blood*, 2004; 104:687-95.
35. **High K**, Bradley S, Loeb M, Palmer R, Quagliarello V, and Yoshikawa T. A New Paradigm for Clinical Investigation of Infectious Syndromes in Older Adults: Assessing Functional Status as a Risk Factor and Outcome Measure. *Clin Inf Dis*, 2005; 40:114-22.
36. Loeb M and **High K**. The effect of malnutrition on risk and outcome of community-acquired pneumonia. *Resp Care Clin NA*. 2005; 11:99-108.
37. **High KP**, Trader M, Pahor M, and Loeb M. Intraindividual Variability and the Effect of Acute Illness On Immune Senescence Markers. *J Am Geriatr Soc*, 2005; 53:1761-1766.
38. **High KP**. Pneumonia in Older Adults. *Postgrad Med*, 2005;118:18-28.
39. O'Flaherty JT, Rogers LC, Paumi CM, Hantgan RR, Thomas LR, Clay CE, **High K**, Chen YQ, Willingham MC, Smitherman PK, Kute TE, Rao A, Cramer SD, Morrow C. 5-Oxo-EETE Analogs and the Proliferation of Cancer Cells. *Biochimica Biophysica Acta*, 2005; 1736:228-236.
40. Monjazez AM, **High KP**, Koumenis C and Chilton FH. Inhibitors of Arachidonic Acid Metabolism Act Synergistically to Signal Apoptosis in Neoplastic Cells. *Prostaglandins, Leukotrienes and Essential Fatty Acids*, 2005; 73:463-474.
5. **High KP**. Pneumonia in older adults. New categories add complexity to diagnosis and care. *Postgrad Med*. 2005;118:18-20, 25-8.
41. Connoy AC, Trader M, and **High KP**. Age-related Changes in Cell Surface and Senescence Markers in the Spleen of DBA/2 Mice: A Flow Cytometric Analysis. *Exp Gerontol*, 2006; 41:225-229.
42. Monjazez AM, **High KP**, Connoy AC, Hart LS, Koumenis C and Chilton FH. Arachidonic acid-induced gene expression in colon cancer cells. *Carcinogenesis*, 2006; 27:1950-60.

43. **High KP**, Prasad R, Marion CR, Schurig GG, Boyle SM, and Sriranganathan N. Outcome and Immune Responses After *Brucella abortus* Infection in Young Adult and Aged Mice. Biogenrontology, In press.
44. Goodrum F, Reeves M, Sinclair J, **High K**, Shenk T. Human cytomegalovirus UL138 gene promotes latency. Blood, In press.

SUBMITTED/IN REVIEW:

1. van Burik JH, Carter SL, Freifeld AG, **High KP**, Godder KT, Papanicolaou GA, Mendizabal AM, Wagner JE, Yanovich S, and Kernan NA. Analysis of infectious complications after unrelated donor bone marrow transplantation: results of a prospective multi-center trial comparing T-cell depletion versus immune suppression therapy.
2. Norris SL, **High K**, Gill TM, Hennessy S, Kutner JS, Reuben DB, Unützer J, Landefeld S. Healthcare for Older Americans with Multiple Chronic Conditions: A Research Agenda.

NON-PEER REVIEWED ARTICLES/LETTERS/EDITORIALS/CASE VIGNETTES//OTHER:

1. McMichael A, **High K**. Review of: *The Skin and Infection. A Color Atlas and Text*. Arch Dermatol 1995;131:1471.
2. **High KP**. Editorial: Pneumonia in the Elderly. Infections in Medicine 1997;14:617-618.
3. **High KP**. Editorial: Fever and the Graying of America. Infections in Medicine 1998; 15:692-694.
4. **High KP**. Editorial: AIDS: A Disease of the Young? Infections in Medicine 1998; 15:832-830.
5. **High KP** and Yoshikawa TT. Integrating Geriatrics into the Subspecialty of Infectious Diseases. Clin Inf. Dis. 1999;28:708-709.
6. O'Rourke ME and **High K**. Diagnosing graft vs host disease. Clin J Oncol Nrsg 2000; 4:47-48.
7. **High K**. Nutrition and Immunology: Principles and Practice (Book Review). Quarterly Rev Biol 2000; 75:363.
8. **High K**, Bentley D, Bradley S, Schoenbaum S, Taler G, and Yoshikawa TT. Practice guideline for evaluation of fever and infection in long-term care facilities. Slide Set 2002; distributed through the Infectious Diseases Society of America.

9. Joiner KA, Haponik E, and **High KP**. Integrating Geriatrics and Subspecialty Internal Medicine: Results of a Survey on Patient Care Practices, Training, Attitudes, and Research. *Am J Med*, 2002; 112:249-254.
10. **High KP**, Clayton CP, Woolard N, Regenstreif DI, Hofland B, Lundebjerg N, and Hazzard WR. Expanding Geriatrics Into Subspecialty Internal Medicine Healthcare, Research and Education: Caring for Older Adults and the "T. Franklin Williams Career Development Awards". *Am J Med*, 113:533-6.
11. **High KP**. Infection in an Ageing World. *Lancet, Infectious Diseases*, 2002; 2:655.
12. **High KP**. Why Should the Infectious Diseases Community Focus on Aging? *Clin Inf Dis*, 2003; 37:196-200.
13. **High K.P**. Book Review: Aging, Immunity and Infection. *Clin Inf Dis*, 2003; 38:598-9.
14. **High KP**. The Importance of Geriatric-Specific Instruments and Functional Status Assessment in Infectious Diseases Research: Time to Start Preaching to the Congregation Instead of the Choir. *J Am Geriatr Soc*, 2004; 52:1768-1770.
15. Clayton CP, Ladenson PW, Weissler JC, **High KP**, Barr WG, Linzer M. Advancing academic subspecialty medicine: the agenda for the future of the Association of Subspecialty Professors. *Am J Med*. 2004; 117:806-9.
16. **High KP**. Chronic Infection and Frailty: Surrogate Markers, Associations and Causality. *J Am Geriatr Soc*, 2005; 53:906-8.
17. **High KP**. Reducing the Public Health Burden of Herpes Zoster and Post-Herpetic Neuralgia. *MedScape (WebMD)*, 2005; <http://www.medscape.com/viewprogram/4586>.
18. Sonu IS, **High KP**, Clayton CP, Woolard NF, Hazzard WR. An evaluation of geriatrics activities within internal medicine subspecialties. *Am J Med*. 2006; 119:995-1000.

ABSTRACT PRESENTATIONS:

1. **High KP**, Wispelwey B, Long WJ, Hansen EJ, Scheld WM. Pentoxifylline modulates lipooligosaccharide induced alterations in blood-brain barrier permeability. Twenty-Ninth Interscience Conference on Antimicrobial Agents and Chemotherapy, Houston, Texas, 1989.

2. Cobb DK, **High KP**, Sable CA, Sawyer RG, Schwenzer KJ, Pruett TL, Kaiser DL, Farr BM. A randomized controlled trial of scheduled central venous catheter replacement. Twenty-Ninth Interscience Conference on Antimicrobial Agents and Chemotherapy, Houston, Texas, 1989.
3. **High KP**, Cobb DK, Sable CA, Sawyer RG, Adams R, Lindley DA, Schwenzer KJ, Pruett TL, Farr BM. A randomized controlled trial of scheduled central venous catheter replacement. Thirtieth Interscience Conference on Antimicrobial Agents and Chemotherapy, Atlanta, Georgia, 1990.
4. **High KP**, Joiner K, Handschumacher RE. *Toxoplasma gondii* expresses two cyclophilins (CyPs) with Cyclosporin A inhibitable peptidyl-prolyl isomerase (PPIase) activity. Thirty-second Interscience Conference on Antimicrobial Agents and Chemotherapy, Anaheim, California, 1992.
5. **High KP**, Washburn RG. Disseminated Aspergillosis in Mice Immunosuppressed with Cyclosporin A. Tacrolimus (FK506) or Sirolimus (Rapamycin). Thirty-fifth Interscience Conference on Antimicrobial Agents and Chemotherapy, San Francisco, California, 1995.
6. Riley RD, Marterre WF, Rohr MS, **High KP**. Cryptococcal Tenosynovitis in a Renal Transplant Recipient. Southern Surgical Society, Tampa, Florida, 1996.
7. Grover DA, **High KP**. Waterhouse-Friderichsen Syndrome: A Case with Documented Adrenal Insufficiency and Review of Diagnosis and Management. American College of Physicians, North Carolina Chapter, Durham, North Carolina, 1996.
8. Kalathoor S, Sinclair J, Andron L, Sension MG, **High K**. Combination Therapy with Stavudine and Didanosine. Fourth Conference on Retroviruses and Opportunistic Infections, Washington, D.C., 1997.
9. **High KP**, Perry J, Radford J, Cruz J, Rismiller R, Dodge W, Owen K, Hurd D. CD34-selected Peripheral Blood Stem Cell (PBSC) Transplantation For Treatment of Non-Hodgkin's Lymphoma Is Associated With A High Risk Of Opportunistic Infections. IBMTR/ABMTR Participants Meeting, Keystone, CO, 1998.
10. **High KP**, Sinclair J, and Chilton F. Serum and peripheral blood mononuclear cell fatty acid levels of elderly humans. Keystone Symposia on Lipid Mediators, Keystone, CO; 1999.
11. Angel JB, **High K**, Rhame F, Dereziński S, Brand D, Whitmore J, Agosti J, Gilbert MJ, and the Leukine HIV Study Group. Randomized, double-blind, placebo-controlled study of

sargramostim (yeast-derived GM-CSF) in advanced HIV disease: Significant improvements in CD4 and viral load. Canadian Retroviral Meeting, Victoria, Canada, 1999.

12. **High KP**, Legault C, Sinclair J, Cruz J, Perry J, Radford J, Hall K, and Hurd D. Acute retinol deficiency, immune function and infection risk in hematopoietic stem cells transplant recipients. Am Soc Hematol, New Orleans, LA, 1999; A682.
13. Raad JY, Hurd DD, Cruz J, Perry J, Radford J, Dodge W. **High KP**. Opportunistic infection (OI) in recipients of CD34-selected (CD34+) and unselected (UNS) autologous hematopoietic stem cell transplantation (AHSCT) for non-Hodgkin's lymphoma (NHL). Am Soc Hematol, New Orleans, LA, 1999; A4926.
1. Fonteh AN, Barham B, Atsumi G, Edens M, **High K**, Chilton FH. Evidence that some secretory phospholipase A₂ isotypes prevent apoptosis of murine bone marrow mast cells. Am J Respir Crit Care Med 2000; 161:A336.
14. Atsumi G, Chilton F, Marion C, and **High K**. Arachidonic acid metabolism in T-cell activation pathways. FASEB Summer Conference, Snowmass, CO, 2000.
15. Acostamadiedo J, Case D, Perry J, Kuyu H, Dodge W, **High K**, Radford J, Cruz J, Hurd D. Randomized Trial of G-CSF Primed (G') Autologous Bone Marrow vs. G' Peripheral Blood Stem Cells as Hematopoietic Support After High-dose Cyclophosphamide, Thiotepa, and Carboplatin in Poor Prognosis Breast Cancer. Am Soc Clin Oncol, New Orleans, LA, 2000.
16. Kennedy LD, Kuzma K, Zamkoff KW, **High KP**, Cruz JM, Keung YK, Case D and Hurd, DD. Monitoring of Whole Blood Tacrolimus Concentrations in Allogeneic Bone Marrow/Progenitor Cell Transplant Patients. Blood 2000; 96 (11 Pt 1): 399a.
17. Iannini P, Meyer M, **High K**, Klugman K, MacGowan A, Neiderman M, Peterson L, Rotschafer J, Ruskin J. An Assessment of Levofloxacin Use in a U.S. Community Hospital. Infections Diseases Society of America, Chicago, 2002.
18. Connoy A, Li L, and **High K**. Increased NF κ B Activation and IRAK-1 Expression in the Spleen, but not Liver of Old Adult Mice. Am Fed Aging Res, Los Angeles, CA, 2003.
19. **High KP**, Trader M and Loeb M. Association of Immune Senescence Markers with Risk of Community-Acquired Pneumonia in Older Adults. Infectious Diseases Society of America, San Diego, CA, 2003.

20. Connoy A, Marion C, Li L and **High KP**. Constitutive NFκB activation in splenic macrophages from older mice. Keystone Meeting, Snowbird, UT, 2004.
21. **High KP**, Trader M and Loeb M. Intra-individual Variation of CD28-positive CD8 T cells in Older Adults and the Impact of Acute Illness. Infectious Diseases Society of America, Boston, MA, 2004.
22. **High KP**, Connoy A and Trader M. P16 Accumulation in Lymphocytes: A Marker of Immune Senescence? Infectious Diseases Society of America, San Francisco, CA, 2005.

OTHER WRITTEN WORKS:

1. **High KP**. β-carotene, Retinoids and Immune Recovery After Bone Marrow Transplantation. Master's Thesis, Wake Forest University, 1998.

COMMUNITY ACTIVITIES / SERVICE

1997-2005	Board Member, AIDS Care Services, Winston-Salem, NC
1993-present	Adult Education Instructor, Our Lady of Mercy Catholic Church, Winston-Salem, NC

Wake Forest University School Of Medicine Teaching Portfolio

RECURRENT TEACHING RESPONSIBILITIES – INTRAMURAL

A. Medical Students

Annual Lectures

1993-Present “Adult Immunizations: Pneumo and Influenza” (1 hr)
“Pneumonia in the Immunocompromised Host” (1 hr)
“Infections in Older Adults” (1 hr)
“Emerging Viral Infections and Bioterrorism” (1 hr)
“Viral Infections in Heme/Onc Patients” (1 hr)

Small Group

1993-Present Ward Attending – Internal Medicine x 4-6 wks;
Infectious Diseases Consults x 4-6 wks
1994-2000 Bedside Clinical Exam (20 hrs/yr)
1996-1997 Physical Diagnosis (20 hr/yr)
1996-2001 Third year Internal Medicine Clerkship;
Infectious Diseases Cases (8 hrs/yr)
1997-1999 Medicine as a Profession (6 hrs/yr)
1999-Present Standardized Patient Assessment Evaluator (6 hrs/yr)
2001-Present Phase I and II Small Group Leader (22 hrs/yr)

Other

Mentor for Summer and Student Research

1999 Brian Miller
1999, 2000 Kevin Hill
2001 Chris Lieu
2005 Ben Coulter
2006 Dave Zarkowsky

B. Graduate Medical Education and Graduate Program in Biomedical Sciences

Annual Lectures

1997-Present Emergency Medicine Lecture Series
“Fever/Neutropenia”
1996-1998 Housestaff Core Conference
“Antibiotic Resistance”
1996-2005 Infectious Diseases Board Review

1998-2003 Epidemiology Course (1 hr) – EPID 715

1999-2005 Molecular Medicine Graduate Program
“Transplantation Immunology”

Small Group

1993-Present Ward Attending – Internal Medicine x 4-6 wks/yr;
Infectious Diseases Consults x 4-6 wks/yr

1999-2001 Ward Attending – Bone Marrow Transplant x 4-6 wks;
Infectious Diseases Consults x 4-6 wks

1994-Present Professor of the Week at Morning Report (1-2 wks/yr)

1994-1999 Resident OPD Attending (1/2 day every other week)

1996-Present Intern Selection Committee (60 hrs/yr)

Course Director

1997-Present Director, Internal Medicine Resident Morbidity and
Mortality Conference

Program Directorships

1994-1999 Associate Program Director for Subspecialty Education
Internal Medicine Housestaff

1994-2007 Program Director for Infectious Diseases Fellowship

Other

1999 Ad Hoc Review Committee for Epidemiology Master’s Program

1994-Present CEX Evaluator (3.5 hrs/yr)

C. Graduate School – Program Directorships, Course Directorships, Scientific Mentor and Thesis/Examination Committees

Program Director

2005-Present Molecular Medicine Graduate Program

Course Director

2005-Present Molecular Basis of Human Disease
Clinical Rotations Course

Scientific Mentor

1999-2002 Clinical/Scientific Mentor, Carl Clay (PhD) – Molecular
Medicine

2001-2005 DOD Research Scholar Awardee
Scientific Mentor, Abbie Connoy (PhD) - Molecular
Medicine

2004- Present AFAR Research Scholarship Awardee
Scientific Mentor, Rebecca Myer MD/PhD Candidate -
Molecular Medicine

Thesis/Exam Committee

1998-1999 Dissertation Committee, Jenny Helton – Molecular
Genetics

1999-2003 Dissertation Committee (Chair), Peter Gray –
Microbiology/ Immunology

2003-2005 Dissertation Committee, Anna Honko -
Microbiology/Immunology

2003-Present Dissertation Committee, Jerry Angdisen - Molecular
Medicine

2005-2006 Dissertation Committee, Thad Gurley - Immunology

2005-Present Dissertation Committee, Kelly Weaver – Molecular
Medicine

D. Other Health Professionals

Lectures

1996-2002 PA Students – “HIV” (1 hr/yr)

1994-1999 Summer program for minority students
“AIDS & HIV” (1 hr/yr)

E. Continuing Medical Education (selected)

Lectures

- | | |
|---------------|--|
| Jan. 25, 1994 | "Infections in Solid Organ Transplant Recipients,"
Internal Medicine Grand Rounds, Bowman Gray School
of Medicine, Winston-Salem, NC |
| Nov. 14, 1994 | "Community Acquired Pneumonia," Department of
Family Practice Grand Rounds, Bowman Gray School of
Medicine, Winston-Salem, NC |
| Aug. 22, 1995 | "Infections in Solid Organ Transplant Recipients,"
Transplant Programs of Bowman Gray School of
Medicine/North Carolina Baptist Hospital, Winston-
Salem, NC |
| Nov. 11, 1996 | "Varicella-Zoster Virus," Internal Medicine Ground
Rounds, Bowman Gray School of Medicine, Winston-
Salem, NC |
| Jan. 10, 1997 | "Fever/Neutropenia; Contemporary Management,"
Cancer Center Grand Rounds, Comprehensive Cancer
Center of Wake Forest University, Winston-Salem, NC |
| Oct. 16, 1997 | "Infections and Atherosclerosis," Internal Medicine
Grand Rounds, Wake Forest University School of
Medicine, Winston-Salem, NC |
| Oct. 1, 1998 | "Quinolones in the Treatment of Pneumonia", Internal
Medicine Grand Rounds, Wake Forest University School
of Medicine, Winston-Salem, NC |
| Dec. 1, 1999 | "Treatment of Fungal Infections in Surgical Patients",
Surgery Grand Rounds, Wake Forest University School
of Medicine, Winston-Salem, NC |
| Dec. 17, 1999 | "Retinol Deficiency and Immune Recovery after Bone
Marrow or Stem Cell Transplantation", Cancer Center,
Ground Rounds, Wake Forest University School of
Medicine, Winston-Salem, NC |
| May 10, 2003 | "Fever Neutropenia"
WFU Cancer Center Conference
Winston Salem, NC |
| Nov. 1, 2003 | "Infectious Diseases Update" and "Management of
Infection in Older Adults"
Mountain Medical Meeting, WFUSM
Asheville, NC |
| Feb. 19, 2004 | "Immunity and Infection in Older Adults"
Internal Medicine Grand Rounds |

Wake Forest University School of Medicine
Winston-Salem, NC

June 20-23, 2004 "Board Recertification Review"
Annual Board Recertification Meeting
Hilton Head, SC

Oct 30, 2004 "Adult Immunizations"
"ID Update: New Bugs, New Drugs"
Mountain Medical Meeting
Asheville, NC

June 19-24, 2005 "ID Board Recertification Review"
Annual Board Recertification Meeting
Myrtle Beach, SC

Aug 1, 2005 "ID Update: New Bugs, New Drugs, New Vaccines"
Emery Miller Symposium
Myrtle Beach, SC

Oct 1, 2005 "Antifungal Therapy in Oncology Patients"
Piedmont Oncology Association
Myrtle Beach, SC

Dec 7, 2006 "We're all Geriatricians: The Demographics of an Aging
Population and the Practice of Internal Medicine"
Henepin County Medical Center – IM Grand Rounds
Minneapolis, MN

Course Director

1997-1999 Internal Medicine Grand Rounds
2003-2006 Annual ID Board Recertification Course (Co-director)

Others

AHEC talks (selected)

Aug. 24, 1995 High Point Regional, High Point, NC
Aug. 28, 1996 NW AHEC AIDS Symposium, Winston-Salem, NC
Oct. 16, 1996 Morehead Memorial Hospital, Elkin, NC
Dec. 17, 1996 Cleveland Regional Medical Center, Shelby, NC
Nov. 7, 1997 NW AHEC, Winston-Salem, NC
Dec. 15, 1999 Catawba Hospital, Hickory, NC
Sept. 17, 2001 High Point Regional Medical Center, High Point, NC
Nov. 21, 2001 Eden Memorial Hospital, Eden, NC
Nov 30, 2005 Morehead Memorial Hosp, Elkin, NC

WFUSM Sponsored CME

1996-1998	Internal Medicine Board Review (1 hr/yr) Winston-Salem, NC
1997-2001	PA Satellite Symposium (1 hr/yr) Winston-Salem, NC
1998	Emery Miller Symposium (2 hrs) Myrtle Beach, SC
1999	Mountain Medical Meeting (2 hrs) Asheville, NC
2000	Emery Miller Symposium (2 hrs) Myrtle Beach, SC
2001	Piedmont Oncology Association Charleston, SC
2003	Mountain Medical Meeting (2 hrs) Asheville, NC
2004	Mountain Medical Meeting (2 hrs) Asheville, NC
2005	Emery Miller Symposium (2 hrs) Myrtle Beach, SC

F. Mentoring – Infectious Diseases/Hem-Onc Fellows

1993-1995	Brent Barber, M.D. – PCP prophylaxis in HIV
1995-1997	Sunee Kalathoor, M.D. – Combination therapy in HIV
1997	Isabel Silva, M.D. - Fever/Neutropenia
1997	Anna Levin, M.D. - Pneumococcal Vaccine in HIV
1996-1998	Marina Nunez, M.D. – Transplant Infections
1997-1999	Jocelyne Raad, M.D. – Infections in the Elderly, Infections in Bone Marrow Transplant Recipients
2000-2003	Melissa Matulis – Infections Hem/Onc Patients
2001-2003	Caryn Morse – Nutrition, Immunity and Infection
2005-Present	Vera Luther – Mitochondrial Toxicity and Age-related illness in HIV-infected Subjects

AWARDS FOR TEACHING AND MEDICAL EDUCATION:

1995	Tinsley Harrison Award for Clinical Teaching, Wake Forest University School of Medicine Internal Medicine Housestaff
1997	Tinsley Harrison Award for Clinical Teaching, Wake Forest University School of Medicine Internal Medicine Housestaff
1999	Commendation for Outstanding Contribution to the Internal Medicine Residency Program, Wake Forest University School of Medicine
2002	Master Teacher Award, Wake Forest University School of Medicine Internal Medicine Housestaff
2003	Master Teacher Award, Wake Forest University School of Medicine Internal Medicine Housestaff
2005	Tinsley Harrison Award for Clinical Teaching, Wake Forest University School of Medicine Internal Medicine Housestaff
2006	Tinsley Harrison Award for Clinical Teaching, Wake Forest University School of Medicine Internal Medicine Housestaff

INVITED LECTURES AND ORAL PRESENTATIONS - EXTRAMURAL

June 7, 1990	“Role Models in Internal Medicine Residency Training,” Internal Medicine Grand Rounds, University of Virginia Health Sciences Center, Charlottesville, VA
Jan. 15, 1993	“Infections in Renal Transplant Recipients,” Department of Internal Medicine, Section on Nephrology, Yale University School of Medicine, New Haven, CT
Apr. 7, 1993	“Infections in Bone Marrow Transplant Recipients,” Department of Internal Medicine, Section on Infectious Diseases, Yale University School of Medicine, New Haven, CT
Sept. 15, 1993	“Varicella-Zoster Infections,” Medical Grand Rounds, Catawba Hospital, Hickory, NC
Dec. 9, 1994	“Management of Herpes Zoster,” Continuing Medical Education, Mercy Hospital, Charlotte, NC
Oct. 5, 1995	“Immune Changes and Infections in the Elderly,” Medical Grand Rounds, Raleigh Comm Hospital, Raleigh, NC
Oct. 17, 1995	“Antibiotic Resistance,” Healthwatch Radio Program, North Carolina Medical Society, Raleigh, North Carolina
Feb. 17, 1998	“AIDS Update”, Internal Medicine Grand Rounds, New Britain

- General Hospital, New Britain, CT
- June 19, 1999 “Infections in the Elderly”, “Adult Immunizations”, “Nutrition and the Prevention and Treatment of Infections”, Adult Infectious Disease Seminar, Hilton Head, SC
- Oct. 29, 1999 “Treatment of Febrile/Neutropenic Patients”
Moses Cone Health System, Internal Medicine Grand Rounds, Greensboro, NC
- Feb. 24, 2000 “Antibiotic Resistance in Community-Acquired Respiratory Tract Infections”
Bluefield Regional Medical Center
Bluefield, WV
- Nov. 21, 2000 "Treatment of Respiratory Infections in a Managed Care Environment"
Wake AHEC
Raleigh, NC
- Aug. 30, 2001 “Antibiotic Resistance in Long-Term Care Facilities”
Durham VA – GRECC Conference
Durham, NC
- Oct. 4, 2001 "Nosocomial Pneumonia"
Bluefield Regional Medical Center
Bluefield, WV
- Jan. 10, 2002 "Antibiotic Resistance and Treatment of Respiratory Infections"
Wilson Memorial Regional Medical Center
Johnson City, NY
- March 21, 2002 “Update in Infectious Diseases”
Roanoke Memorial Family Medicine CME Course
Roanoke, VA
- May 10, 2002 “Pneumonia in Older Adults”
American Geriatrics Society Symposium
Washington, DC
- June 19-20, 2002 “Infections in the Elderly”, “Adult Immunizations”, “New Antifungal Agents”, Adult Infectious Diseases Seminar, Hilton Head, SC
- August 20, 2002 “Nosocomial Pneumonia”
Carolina Medical Center Grand Rounds
Charlotte, NC
- December 6, 2002 "Judicious Use of Antibiotics"
NC Academy of Family Practice
Asheville, NC
- March 20, 2003 Boyd Francis Memorial Lecture "Infections in Older Adults"

- Carillion Healthcare CME Course
Roanoke, VA
- May 16, 2003 "Treatment of Respiratory Infection in Older Adults"
American Geriatrics Society
Baltimore, MD
- June 5, 2003 "Immune Changes with Advanced Age: Does Immunity
Grow Older or Wiser?"
Virginia-Maryland Regional College Veterinary Medicine
15th Annual Research Symposium - Keynote Address
Blacksburg, VA
- October 8, 2003 "ID Board Re-certification Review"
Infectious Diseases Society of America - Annual Session
San Diego, CA
- October 12, 2003 "Management Paradigms for Infections in Older Adults"
Infectious Diseases Society of America - Annual Session
San Diego, CA
- January 29, 2004 "Infections in Older Adults"
Infectious Diseases Grand Rounds
Univ Colorado Health Sciences Center
Denver, CO
- April 19, 2004 "Infection and Immunity in Older Adults"
Infectious Diseases Grand Rounds
Duke University School of Medicine
Durham, NC
- Sept 30, 2004 "ID Board Re-certification Review"
Infectious Diseases Society of America - Annual Session
Boston, MA
- October 2, 2004 "Infection and Immunity in Older Adults"
Infectious Diseases Society of America - Annual Session
Boston, MA
- March 10-12, 2005 "Infections in Older Adults" and "Immunity and
Immunization in Seniors"
Rocky Mountain Geriatric Conference
Keystone, CO
- September 9, 2005 "Infection and Immunity in Older Adults"
Internal Medicine Grand Rounds
University of Kentucky School of Medicine
Lexington, KY
- October 6, 2005 "ID Board Re-certification Review"

October 13, 2006 Infectious Diseases Society of America - Annual Session
San Francisco, CA
“Vaccine Non-Response in Older Adults”
Infectious Diseases Society of America – Annual Session
Toronto, Ontario, Canada

International

Sept. 3, 1999 “Pneumonia in the Elderly,” 1st Transatlantic Geriatrics
Meeting, Paris, France

Apr. 13, 2000 “Nutrition and Immune Competence in Older Adults”
Tricouncil Workshop on Infections in Older Adults
Hamilton, Ontario, Canada

April 3-5, 2002 “Immune Senescence; What is it, What does it Mean?”
Bellinzona Research Conference
Riva San Vitale, Switzerland

March 26, 2003 "Guidelines for Evaluation of Fever and Infection in Residents
of Long-term Care"
Spanish Society for Microbiology and Infectious Diseases
Oviedo, Spain

March 18, 2007 “A Comprehensive Vaccine Strategy for Pandemic Influenza”
CDC China
Beijing, China

VISITING PROFESSORSHIPS

May 21-22, 2002 Geriatrics and Infectious Diseases
University of Michigan School of Medicine
Ann Arbor, MI

November 9, 2005 Department of Internal Medicine
Drexel College of Medicine, Philadelphia, PA

December 7, 2006 Hennepin County Medical Center
University of Minnesota
Minneapolis, MN