CURRICULUM VITAE

A. Identifying Data

Name	Kathleen Gutierrez M. D.
Place of Birth:	Taos, New Mexico
Citizenship:	United States
California License:	G69973

B. Academic History

Colleges and Universities Attended

1979-1983 University of California, Davis, CA, M.D

1974-1978 University of San Francisco, San Francisco, CA
B.S. Biology cum laude

Residency and Fellowship Training

1987-1990 Fellow, Pediatric Infectious Diseases, University of Colorado

1986-1987 Chief Resident in Pediatrics, University of Colorado

1984-1986 Resident in Pediatrics, University of Colorado

1983-1984 Intern in Pediatrics, University of Colorado

C. Employment History

04/01/03- current Assistant Professor (1.0 FTE)
Department of Pediatrics
Division of Pediatric Infectious Disease
Stanford University School of Medicine

07/01/93-03/31/03 Clinical Instructor/Staff Physician (0.65-0.80 FTE)
Department of Pediatrics
Division of Pediatric Infectious Disease
Stanford University School of Medicine

09/90-6/93 Sub Chief, Pediatric Infectious Disease
Kaiser Permanente Medical Group, Northern California

D. Board Certification

American Board of Pediatrics	May 1989	ID number 210117
American Board of Pediatrics	May 1996	Recertification-Pediatrics
American Board of Pediatrics	August 1997	Pediatric Infectious Disease
American Board of Pediatrics	July 2002	Recertification-Pediatrics
American Board of Pediatrics	April 2004	Recertification Pediatric Infectious Disease

E. Research Activities

1. Investigator for Collaborative Antiviral Study Group (CASG) clinical studies (1994-present)

Studies*-

a. A Double Blind, Placebo-Controlled, Virologic Efficacy Trial of Pleconaril in the Treatment of Infants with Enteroviral Sepsis Syndrome (re-opened 2007)

b. A Placebo-Controlled Phase III Evaluation of Suppressive Therapy with Oral Acyclovir Suspension Following Neonatal Herpes Simplex Virus Infections Involving the Central Nervous System (7/97-closed)

c. A Placebo-Controlled Phase III Evaluation of Suppressive Therapy with Oral Acyclovir Suspension Following Neonatal Herpes Simples Virus Infections Limited to the Skin, Eye and Mouth (7/97-closed)

d. A Phase II Pharmacokinetic and Pharmocodynamic Evaluation of Oral Valganciclovir in Neonates with Symptomatic Congenital Cytomegalovirus (CMV) Infection (closed)

e. A Phase III, Randomized, Placebo-Controlled, Blinded Investigation of Six Weeks vs. Six Months of Oral Valganciclovir Therapy in Infants with Symptomatic Congenital Cytomegalovirus Infection (CASG 112). IRB approval 2/ 12/2008.

*: Sponsor is The National Institute of Allergy and Infectious Diseases for studies a-e

2. Additional Studies:

f. Cell Mediated Immune Response to Herpes Simplex Virus Infection in Neonates (laboratory sub-study of clinical studies b and c: work performed at SUH): (1994)

g. *Staphylococcus aureus* skin and bloodstream Infections in Children at LPCH 2001-2006- A Retrospective Chart Review (Completed with Medical Scholar's student 12/07 –submitted to Infection Control and Hospital Epidemiology)

h. Statewide Surveillance of Incidence of Children Hospitalized with Influenza and Lower Respiratory Tract Infection 1992-Ongoing

i. Impact of STAT blood culture gram stain reporting on initiation or alteration of antimicrobial therapy (with Dr. Ellen Jo Baron and Dr. Hayden Schwenk)

F. Public and Professional Service

1. Coordinator – Integrated Infectious Disease Program 1996-present
   Lucile Salter Packard Children's Hospital at Stanford University School of Medicine

2. Medical School Admissions Committee: Stanford University School of Medicine 1997-present

3. Intern Selection Committee Member: Department of Pediatrics Stanford University School of Medicine 1996-1998, 2001- 2004

4. Stanford University Hospital Bioterrorism Committee Member: Task Force on Avian Influenza

5. Pediatric Department Peer Review Committee 2002-present

6. Department of Pediatrics Care Improvement Committee 2002-present

7. Department of Pediatrics Quality Management Committee 2004-present

8. Member: County of Santa Clara Public Health Department Methicillin resistant Staphylococcus Aureus Task Force 2006-present. Guidelines published 1/23/2006

9. Food and Drug Administration Anti-Infectives Advisory Committee: 2006-present

10. Department of Pediatrics Clinical Advisory Committee- 2008-

Past Committee Memberships

1. Continuing Medical Education Committee 1995-1996
   Lucile Salter Packard Children's Hospital at Stanford

2. Stanford Clinical Microbiology/Virology Laboratory Advisory Committee 2000

3. Ambulatory Care Committee 1999-2004
   Lucile Salter Packard Children's Hospital at Stanford

G. Journal Review:

1. *Pediatric Infectious Disease Journal* 1996-present

2. *Journal of Adolescent Medicine* 1994-present

3. *Journal of Pediatrics* 2000-present

4. *Journal of American Medical Association* 2002-present

H. Awards

1983 Heineman Pulmonary Award

1986 Bruce Garber Memorial Award

1995-1998 Minority Clinical Associate Program Award

1997-1998 Golden Apple Award for Excellence in Resident Education

2003-present Center of Excellence Faculty Fellowship Award

I. Memberships

1. Fellow: American Academy of Pediatrics (FAAP) 1984-present

2. Member: Infectious Disease Society of America 2001-present

3. Member: Pediatric Infectious Disease Society

J. Publications

Peer Reviewed:

1. Groothuis JG, **Gutierrez MK**, Lauer BA. Respiratory syncitial virus infection in children with bronchopulmonary dysplasia. *Pediatrics* 1988; 82(2):199-203.

2. **Gutierrez MK**, Abzug MJ. Vaccine-associated poliovirus meningitis in children with ventriculoperitoneal shunts. *J Pediatr* 1990; 117 (3):424-427.

3. Goldman F, Rotbart H, **Gutierrez MK**, Ambruso D. Parvovirus-associated aplastic crisis in a patient with red cell glucose-6phosphate dehydrogenase deficiency. *Pediatr Infect Dis J* 1990; 8:593-594.

4. Joffe LS, Glode MP, **Gutierrez MK**, Wiesenthal A, Luckey DW, Harken L. Does DTP vaccine increase the risk of hospitalization with an infectious illness? *Pediatr Infect Dis J* 1992; 1:730-735.

5. Hahn JS, Harris BT, **Gutierrez K**, Sandborg C. Progressive multifocal leukoencephalopathy in a 15 year old boy with scleroderma and secondary amyloidosis. *Pediatrics* 1998; 102:1475-1479.

6. **Gutierrez MK**, Halpern M. Maldonado Y, Arvin AM. The epidemiology of neonatal herpes simplex virus (HSV) infections in California from 1985-1995. *J Infect Dis* 1999; 180:199-

202.

7. Shetty AK, Arvin AM, **Gutierrez MK**. Nocardia farcinica pneumonia in chronic granulomatous disease. *Pediatrics* 1999 104:961-964.

8. Shetty AK, Gans HA, **Gutierrez MK**, Arvin AM. Intravenous ribavirin therapy for adenovirus pneumonia. Pediatric Pulmonology 2000; 29:69-73.

9. Lee BP, **Gutierrez MK**, Prober CG. Evaluation of Vancomycin serum concentration monitoring in children. *Journal of Pediatric Pharmacy Practice* 2000; 5:283-289.

10. Kimberlin DW, Lin C-Y, Jacobs RF, Powell DA, Corey L, Gruber W, Rathore M, Bradley J, Diaz PS, Kumar M, Arvin AM, **Gutierrez K**, Shelton M, Weiner LB, Sleasman JW, Sierra T, Weller S, Soong S-J, Lakeman FD, Whitley RJ, and the National Institute of Allergy and Infectious Disease Collaborative Antiviral Study Group. The safety and efficacy of high-dose intravenous acyclovir in the management of neonatal herpes simplex virus infections. *Pediatrics* 2001; 108(2):230-8.

11. Kimberlin DW, Lin C-Y, Jacobs RF, Powell DA, Frenkel L, Gruber W, Rathore M, Bradley J, Diaz PS, Kumar M, Arvin AM, **Gutierrez K**, Shelton M, Weiner LB, Sleasman JW, Sierra T, Soong S-J, Lakeman FD, Whitley RJ, and the National Institute of Allergy and Infectious Diseases Collaborative Antiviral Study Group. The natural history of neonatal herpes simplex virus infections in the acyclovir era. *Pediatrics* 2001; 108(2):223-9.

12. Cleary AM, Tu W, Enright A, Giffon T, Dewaal-Malefyt R, **Gutierrez K**, Lewis DB. Impaired accumulation and function of memory CD4 T cells in human IL-12 receptor b1 deficiency. *Journal of Immunology.* 2003; 170(1): 597-603

13. Shetty AK, Treynor E, Hill D, **Gutierrez K**, Warford A, Baron EJ. Comparison of conventional viral cultures with direct fluorescent antibody stains for diagnosis of community acquired respiratory virus infections in hospitalized children. *Pediatric Infectious Disease Journal* 2003; 22(9): 789-94

14. Kimberlin D, Cloud GA, Lakeman FD, Jacobs RF, **Gutierrez K**, Powell DA, Corey L, Polymerase chain reaction analysis of serum from patients with neonatal herpes simplex Disease. *Submitted to Pediatric Infectious Disease Journal* 2005

15. Chen SF, **Gutierrez K**. Mycobacterium bovis disease in a renal transplant patient. *Pediatr Infect Dis J 2006; 25(6): 564-6* .

16. Hong DK, Wong CJ, **Gutierrez K.** Severe cyrptosporidiosis in a seven year old renal transplant recipient: case report and review of the literature. *Pediatr Transplant 2007; 11(1):94-100*

17. Jacobson LM, Sikic NI, Soslow J, Hong DK, **Gutierrez K,** Sectish TC. Five-month-old infant with a unilateral pleural effusion. *Pediatr Infect Dis J 2007; 26(2):189-90, 195-6*

18. Sutherland S, Hong DK, Balagtas J, **Gutierrez K**, Dvorak CC, Sarwal M. Liposomal amphotericin: An unrecognized cause of severe hyperphosphatemia. *Pediatr Infect Dis J* 2007. *Pediatr Infect Dis J 2008;27(1):77-9*

19. Chang KW, Lee BG, **Gutierrez KM**. Third branchial cleft fistula infected with *Actinomyces Int J Pediatr Otorhinolaryngol Extra (2007), doi:10, 1016/j.pedex.2007.08.007*

20. Burke R, Halpern MS, Baron EJ, **Gutierrez K.** Pediatric and Neonatal *Staphylococcus aureus* Bacteremia: Epidemiology, Risk Factors, and Outcome. *Accepted: Infection Control and Hospital Epidemiology 1/09*

21. Wei MC, **Gutierrez KM**, Banaei N, Yakrus, MA, Stoll T, Agarwal, R. Non-tuberculous *Mycobacterial* infections in immunocompromised patients: Single institution experience. *Accepted: Journal of Pediatric Hematology and Oncology 2/2009.*

Non-peer-reviewed

1. **Gutierrez KM**. Continuation of antibiotic therapy for serious bacterial infections outside of the hospital. *Pediatric Annals* 1996; 25:1-7.

2. **Gutierrez KM**. Protease inhibitors to treat HIV infection. *The Report on Pediatric Infectious Diseases* 1997; 7:1-2

3. **Gutierrez KM**, Prober CT. Encephalitis. *Postgraduate Medicine* 1998 ; 103 :123-5, 129-30 140-3.

4. **Gutierrez KM**. Update on Management of Acute Otitis Media in Children. MDVista *Journal of Medicine*. J Remington ed. July 2000 www.mdvista.com.

5. **Gutierrez KM**, Arvin AM. Long-term antiviral suppressive therapy for neonatal herpes simplex virus infection. *Pediatric Infectious Disease Journal* 2003; 22(4): 371-2

6. **Gutierrez KM**. Cefepime. *NeoReviews* 2004; 5 (9):382-6

7. **Gutierrez K**. Pediatric Bone and Joint Infections in Children. *Pediatric Clinics of North America* 2005; 52 (3): 779-94

8. **Gutierrez K.** Rethinking Herpes simplex virus infections in children and adolescents. Editorial *J Pediatr* 2007; 151(4): 336-8

Chapters

1. **Gutierrez MK**: Infectious and Inflammatory Arthritis. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG and Pickering LJ eds, Churchill Livingstone. September 2002, pp. 475-481. *Revision submitted for 3rd ed. January 2006*

2. **Gutierrez MK**: Osteomyelitis. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG and Pickering LJ eds, Churchill Livingstone. September 2002, pp 467-474. *Revision submitted for 3rd ed. January 2006*

3. **Gutierrez MK**: Mumps. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG and Pickering LJ eds, Churchill Livingstone. September 2002, pp 1136-1140. *Revision submitted for 3rd ed. January 2006*

4. **Gutierrez MK**: Transient Synovitis. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG and Pickering LJ eds, Churchill Livingstone. September 2002, pp. 484-486. *Revision submitted for 3rd ed. January 2006*

5. **Gutierrez MK**: Diskitis. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG and Pickering LJ eds, Churchill Livingstone. September 2002, pp 481-484. *Revision submitted for 3rd ed. January 2006*

6. **Gutierrez MK**: Musculoskeletal Symptom Complexes. In: Principles and Practice of Pediatric Infectious Diseases, Long SS, Prober CG, Pickering LJ eds. *Revision Submitted for 3rd ed. March 2006*

7. **Gutierrez MK**: Infectious Disease. In: Pediatrics, Daniel Bernstein and Steven P. Shelov eds, Williams and Wilkens 2nd edition 2003 .

8. Arvin AM, Whitley RJ, and **Gutierrez MK**: Herpes Simplex Virus Infections. In: Infectious Diseases of the Fetus and Newborn 6th edition. Remington, JS and Klein, JO eds. WB Saunders 2005, Revision submitted October 1, 2008

9. **Gutierrez MK**, Arvin AM. Herpes Simplex Viruses 1 and 2. In : Textbook of Pediatric Infectious Diseases 6th edition. Feigen RD, Cherry JD, Demmler, GJ and Kaplan, SL eds. WB Saunders – in press, submitted 5/2007.

10. Wakim R, Enright A, **Gutierrez K.** Neurological sequelae of congenital perinatal infection. In: Fetal and Neonatal Brain Injury, 4th ed. Stevenson D, Benitz W, Sunshine P, Hintz S, and Druzin M eds. Cambridge University Press – submitted 2/4/2008.

Abstracts

1. **Gutierrez K**, Joffe L, Forney L, Glode MP. Effect of pili on the frequency of bacteremia following challenge with Haemophilus influenzae type b (HIB in the infant rat. Oral presentation ICAAC October 1990, Abstr. No. 41.

2. Kurki S, Joffe L, **Gutierrez MK**, Siegal C, Amer J, Glode MP. Specific antibody secreting cell response (ASC) to infection or immunization with Haemophilus influenzae type B (HIB). Poster presentation ICAAC October 1990, Abstr. No. 606.

3. **Gutierrez K**, Falkovitz Halpern M, Maldonado UM, Arvin AM. Diagnosis of neonatal herpes simplex virus infection: Analysis of hospital discharge data from state of California (1985, 1990, 1995). Poster presentation annual GCRC meeting March 1998.

4. Kimberlin DW, Jacobs RF, Powell DA, Corey L, Gruber W, Rathore M, Bradley J, Diaz P,

Kumar M, Arvin AM, **Gutierrez K**, Shelton M, Weiner LP, Sleasman JW, Sierra T, Lin CY, Soong SJ, Lakeman FD, Whitley RJ, and the NIAID Collaborative Antiviral Study Group (CASG): The Safety and Efficacy of High-Dose (HD) Acyclovir (ACV) in Neonatal Herpes Simplex Virus (HSV) Infections. Society for Pediatric Research, San Francisco, CA; *Pediatr Res*. (1999) 37: 165A; #963.

5. Kimberlin D, Cloud G, Lakeman F, Jacobs R, **Gutierrez K**, Powell D, Corey L, Whitley R. for the NIAID Collaborative Antiviral Study Group (CASG). Serum polymerase chain reaction (PCR) may not diagnose neonatal herpes simplex virus (HSV) disease. Poster presentation: Infectious Disease Society of America Meeting October 2004

6. Burke R.E., Halpern M.K, **Gutierrez K.** Pediatric and Neonatal *Staphylococcus aureus* Bacteremia: Epidemiology, Risk Factors, and Outcome. Poster Presentation. 48th Annual Interscience Conference on Antimicrobial Agents and Chemotherapy and the Infectious Diseases Society of America 46th Annual Meeting October 2008

K. Invited presentations

1. "Infectious Arthritis" American Academy of Pediatrics Annual Meeting San Francisco, California; September, 1998

2. "Update on Neonatal Herpes Simplex Virus Infection" Pediatric Grand Rounds Santa Clara Valley Medical Center; June 1999

3. "Bacteriology and Antibiotic Management of Sinusitis" Pediatric Grand Rounds Lucile Salter Packard Children's Hospital at Stanford; June 1999

4. "Management of Otitis Media in an Era of Antibiotic Resistance" Infectious Disease Update for the Primary Care Practitioner Palo Alto, CA; March, 2000

5. "Status of Perinatal HIV Infection- 2001" Grand Rounds Good Samaritan Hospital, San Jose Medical Center; May 2001

6. "Antiviral Chemotherapy: Management of Congenital Cytomegalovirus Infection" Sponsored by University of California San Francisco. April 18, 2002

7. "SARS": A History to Date. Pediatric Grand Rounds Lucile Salter Packard Children's Hospital. May 2003

8. "Antibiotic Resistance": Watsonville Community Hospital. September, 2003

9. "What's New with Flu": Pediatric Grand Rounds. Lucile Salter Packard Children's Hospital May 2004

10. Beta-Hemolytic Streptococcal Pharyngitis: Pediatric Otolaryngology Update October 2006

11. Methicillin Resistant *Staphylococcus aureus:* (With Dr. Maldonado): Pediatric Grand Rounds. Lucile Packard Children's Hospital/Stanford University. December 2007.

12. Methicillin Resistant *Staphylococcus aureus*: Pediatric Grand Rounds. Santa Clara Valley Medical Center. June 2008

13. Innovations in Perinatal and Neonatal Care. 3rd Annual Conference Presented by Santa Clara Valley Medical Center. Update on Perinatal Infectious Disease (MRSA) November 6, 2008

14. Hill Physicians Medical Group Panel Meeting. MRSA November 11, 2008

15. American Academy of Pediatrics PREP ID Course: Bone and Joint Infections Chicago, Illinois July 2009

L. Teaching and Other Responsibilities

1. Coordinator: Infectious Disease Lucile Packard Children's Hospital/Stanford Resident Core Curriculum

2. Faculty: Annual Lucile Packard Respiratory Syncytial Virus Course – Sponsored by Medimmune, Coordinator Ronald Ariagno MD

3. Faculty: Stanford Medical Student Pediatric Core Rotation

4. Lecturer: Stanford Medical Student Pediatric Lecture Series

5. Teaching Attending: General Pediatrics Service

6. Annual contributor to NICU guide.