

CURRICULUM VITAE

Paul M. Beringer

PERSONAL INFORMATION

Business Address: University of Southern California, School of Pharmacy
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EDUCATION

1983-86 University of California Irvine, School of Biological Sciences
Irvine, California

1986-90 University of Southern California, School of Pharmacy,
Los Angeles, California
Pharm.D.

POSTGRADUATE EDUCATION

1990-91 Resident in Clinical Pharmacy, University of California San Francisco,
School of Pharmacy, San Francisco, California
Residency Certificate

1991-92 Specialty Resident in Clinical Pharmacokinetics, University of California
San Francisco, School of Pharmacy, San Francisco, California
Residency Certificate

LICENSURE

1990-Present California State Board of Pharmacy RPH 43971

BOARD CERTIFICATION

1995-Present Board Certified Pharmacotherapy Specialist BCPS 295378

HONORS AND AWARDS

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| 2000 | Practitioner Fellow, American Society of Health-System Pharmacists (FASHP) |
| 1998 | Practitioner Fellow, California Society of Health-System Pharmacists (FCSHP) |
| 1998 | Mini-sabbatical, April – June 1998. Sponsor: USC School of Pharmacy
Training Site: Laboratory of Applied Pharmacokinetics, USC School of Medicine. Director, Roger Jelliffe, M.D. |
| 1990-Present | Rho Chi Pharmaceutical Honor Society |

PROFESSIONAL EXPERIENCE

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| 2000 – Present | Associate Professor of Clinical Pharmacy, University of Southern California, School of Pharmacy, Los Angeles, California |
| 2000 – Present | Clinical Pharmacist, Department of Pharmaceutical Services, LAC/USC Medical Center, Los Angeles, California |
| 1998 – Present | Member, Laboratory of Applied Pharmacokinetics, University of Southern California, School of Medicine, Los Angeles, California |
| 1992 - 2000 | Assistant Professor of Clinical Pharmacy, University of Southern California, School of Pharmacy, Los Angeles, California |
| 1992 - 2000 | Coordinator, Therapeutic Drug Monitoring Service, Department of Pharmaceutical Services, USC University Hospital, Los Angeles, California |

TEACHING EXPERIENCE

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|-------------|--|
| 2000 – 2001 | Preceptor, Pharmacy Practice Residency, Pulmonary Rotation, University of Southern California, School of Pharmacy |
| 2000 - 2001 | Preceptor, Fellowship in Clinical Pharmacokinetics
University of Southern California, School of Pharmacy
Fellow-Megan Montgomery, Pharm.D. |
| 1999 – 2000 | Preceptor, Specialty Residency in Clinical Pharmacokinetics
University of Southern California, School of Pharmacy
Resident, Amir Aminimanizani, Pharm.D. |

1998 – 1999	Co-Preceptor, Pharmacy Practice Residency, Pulmonary Critical Care Rotation, University of Southern California, School of Pharmacy
1997 – 1998	Co-Preceptor, Pharmacy Practice Residency, Neurosurgical Rotation, University of Southern California, School of Pharmacy
1994 - Present	Preceptor, Clinical Pharmacokinetics Clerkship University of Southern California, School of Pharmacy
1992 - 1994	Preceptor, Acute Care Medicine Clerkship University of Southern California, School of Pharmacy
1991 - 1992	Co-Preceptor, Clinical Pharmacokinetics Clerkship University of California San Francisco, School of Pharmacy
1994 - 1996	Case Editor, Clinical Therapeutics Case Conference University of Southern California, School of Pharmacy

UNIVERSITY AND PUBLIC SERVICE

USC School of Pharmacy

2000 – Present	Member, Ad-hoc Task force on Clinical Faculty Profiles
1999 – Present	Member, Residency Council
1999	Member, Ad-hoc Faculty Search Committee-USCUH.
1999 - Present	Member, Ad-hoc Faculty Retention Committee.
1998 - 2000	Member, Executive Committee of the Pharmacy Faculty Assembly
1998 - 1999	Publicity Subcommittee, USC/Japan Conference on “Frontiers of Drug Development”
1996 – 1997	Member, Ad-Hoc Search Committee-LAC/USC Faculty Position
1996 - Present	Faculty Development Ad-hoc Committee
1995 – 1996	Peer Review Committee
1995	Curriculum Revision Consultant, Pharmaceutics Course

Professional Societies

1997 - Present	American Association of Colleges of Pharmacy (AACP)
1996 - Present	Southern California College of Clinical Pharmacy (SCCCP) Chair, Continuing Education Committee (1996-97) President Elect (1998) President (1999) Immediate Past President (2000)
1995 - Present	Southern California Society of Health-System Pharmacists (SCSHP) Co-chair, Education Committee (1996)

- Member, Nominations Committee (1996-8)
- Treasurer (1997)
- Member, House of Delegates (1997-2000)
- Secretary (1998)
- President-elect (2000)
- Chair, Nominations Committee (2000)
- President (2001)
- 1993 - Present American College of Clinical Pharmacy (ACCP)
 - Member, Publications Committee (1997-98)
 - Member, Pharmacokinetic/Pharmacodynamic PRN (1997-2000)
 - Member, Educational Affairs Committee (1998-2000)
 - Member, Fellowship Review Committee (2000-2002)
- 1991 - Present California Society of Health-System Pharmacists (CSHP)
 - Member, Continuing Education Committee, Focus '97 (1996-7)
 - Member, Editorial Advisory Board (1997-99)
 - Member, Editorial Advisory Board
 - Internet subcommittee (1999 – 2000)
 - Credentialing Committee (2001)
- 1990 – Present American Society of Health-System Pharmacists (ASHP)
 - Member, Section of Clinical Specialists (1997-98)
 - Member, Pharmacokinetics Network (1997-98)
 - Network Facilitator on Pharmacokinetics (1998-99)

EDITORIAL REFEREE

- 1998 - Present Abstract Reviewer, American College of Clinical Pharmacy (ACCP)
- 1998 - Present Pharmacotherapy
- 1997 - Present Formulary
- 1996 - Present Annals of Pharmacotherapy

BOOKS REVIEWED

Basic skills in interpreting laboratory data, the kidneys. American Society of Health-System Pharmacists 1996.

Pocket guide to clinical pharmacokinetics. American Society of Health-System Pharmacists 2000.

SOFTWARE REVIEW

DataKinetics™, American Society of Health-System Pharmacists, 1996.

RESEARCH SUPPORT

Principal Investigator - Pharmacokinetics of ‘once-daily’ tobramycin in adult cystic fibrosis patients. Abbott Diagnostics. December 1998 - \$1,500.

Principal Investigator - Comparative pharmacokinetics of a tablet and extemporaneous liquid formulation of lamotrigine. Glaxo-Wellcome. May 1998 - \$3,500.

Principal Investigator - Population pharmacokinetics of intravenous ciprofloxacin in adult cystic fibrosis patients. Bayer Pharmaceuticals. November 1998 - \$10,000.

Co-Investigator - Epidemiological study of cystic fibrosis (ESCF). Genentech.

Principal Investigator – Pharmacodynamics of continuous infusion cefepime in adult cystic fibrosis patients. Dura Pharmaceuticals. March 2000 - \$28,000

BIBLIOGRAPHY

Peer Reviewed Journals

Aminimanizani A, **Beringer PM**, Jelliffe R. Comparative pharmacokinetics of the newer fluoroquinolone agents. *Clin Pharmacokinet* 2000 [in press].

Montgomery MJ, **Beringer PM**, Louie SG, Gill MA. Estimation of creatinine clearance in patients with metastatic ovarian cancer receiving peritoneal chemotherapy. *Ther Drug Monitor* 2000;22:695-700.

Beringer PM, Vinks A, Jelliffe R, Shapiro B. Pharmacokinetics of tobramycin in adults with cystic fibrosis: Implications for once-daily administration. *Antimicrob Agents Chemother* 2000;44:809-813.

Beringer PM, Wong-Beringer A, Rho JP. Predictive performance of a vancomycin-aminoglycoside population model. *Ann Pharmacother* 1998;32:176-81.

Beringer PM, Vinks A, Jelliffe R. Pharmacokinetics of once-daily amikacin dosing in patients with cystic fibrosis. [letter] *J Antimicrob Chemother* 1998;41:142-44.

Beringer PM, Wong-Beringer A, Rho JP. Economic aspects of antibacterial adverse effects. *PharmacoEconomics* 1998;13:35-49.

Wong-Beringer A, **Beringer PM**, Lovett MA. Successful treatment of meningitis due to multi-drug resistant *Pseudomonas aeruginosa* with high-dose ciprofloxacin therapy. *Clin Infect Dis* 1997;25:936-7.

Beringer PM, Rho JP. Comparing the newest fluoroquinolones: Levofloxacin and sparfloxacin *Formulary* 1997;32:926-43.

Beringer PM, Rho JP. Is routine measurement of free phenytoin concentrations rational? [letter] *Therapeutic Drug Monitoring*. 1995;17:381-2.

Non Peer Reviewed Journals

Beringer PM, Louie S, Kuhn R. Safe handling of aerosolized drug products. American Society of Health-System Pharmacists. 2000. [in preparation].

Beringer PM. Unusual microbiological flora in cystic fibrosis lungs: identification and therapy. *Curr Opinion Pulm Med* 2000;6:545-550.

Beringer PM. New Approaches to optimizing antimicrobial therapy in patients with cystic fibrosis. *Curr Opinion Pulm Med* 1999;5:371-77.

Beringer PM. Clinical Pharmacokinetics in the New Millenium. *Network News Bytes*, American Society of Health-System Pharmacists 1999;5:7.

Beringer PM. Management of pulmonary infections in cystic fibrosis *Pharmaguide to Clinical Medicine* 1998;11:1-6.

Beringer PM., Rho JP. Antibiotic dosing in patients receiving peritoneal dialysis. *Antibiotics for the Clinician* 1997;1:12-15.

BOOK CHAPTERS:

Beringer PM, Middleton R. Anaphylaxis and Systemic Drug Allergies. In: Koda-Kimble M, Young L, eds. *Applied Therapeutics: The Clinical Use of Drugs*. Lippincott Williams & Wilkins. 7th edition 2001 [in press].

Beringer PM. Cystic Fibrosis. In: Herfindal ET, Gourley R. eds. *Textbook of Therapeutics: Drug and Disease Management* 7th ed. 2000.

Beringer PM. Renal Disease Cases In: Schroeder D. ed. *Workbook for Clinical Pharmacy and Therapeutics* 6th ed. 1996.

Beringer PM, Middleton R. Anaphylaxis and Systemic Drug Allergies. In: Koda-Kimble M, Young L, eds. *Applied Therapeutics: The Clinical Use of Drugs*. Vancouver: Applied Therapeutics Inc. 6th edition 1995.

Beringer PM. Renal Disease Cases In: Herfindal ET, Gourley R, Hart L. eds. *Workbook for Clinical Pharmacy and Therapeutics* 5th ed. 1992.

BOOKS/MANUALS

Beringer PM. *Clinical Pharmacokinetics Practice Manual.* University of Southern California School of Pharmacy. 1993.

PRESENTATIONS/ABSTRACTS

Aminimanizani A, Scott C, Synold T, **Beringer PM.** Development of a population pharmacokinetic model and optimal sampling times for ibuprofen in patients with cystic fibrosis. *ACCP Spring Forum.* Monterey, CA. April 2000.

Runner-up, best student/resident/fellow competition-ACCP

Aminimanizani A, **Beringer PM.** Pharmacokinetics of once-daily tobramycin in an adult cystic fibrosis population. *ASHP Midyear Clinical Meeting.* Orlando, Florida. December 1999, and *Fourteenth North American Cystic Fibrosis Conference,* Baltimore, MD November 2000.

Beringer PM, Vinks, S, Jelliffe RW, Shapiro BJ. Evaluation of the genotypic variation in aminoglycoside pharmacokinetics in an adult cystic fibrosis population. *Thirteenth Annual North American Cystic Fibrosis Conference.* Seattle, Washington. October, 1999 [abstract 342].

Montgomery M., **Beringer PM,** Gill MA, Louie S. Estimation of Creatinine Clearance in Patients with Ovarian Cancer. *19th Annual Western States Conference for Pharmacy Residents and Preceptors.* Pacific Grove, California. 1999 and *ACCP Annual Meeting.* Kansas City, Missouri. October 1999 [abstract 128].

Resident project-of-the-year award, USC School of Pharmacy, June, 1999.

Salamunovich S, **Beringer PM,** Chin A. Evaluation of vancomycin dosing and monitoring strategies in hematology/oncology patients. *19th Annual Western States Conference for Pharmacy Residents and Preceptors.* Pacific Grove, California. 1999 and *ACCP Annual Meeting.* Kansas City, Missouri. October 1999 [abstract 158].

Beringer PM, Wong-Beringer A, Rho JP. Predictive performance of a vancomycin-aminoglycoside population model. *1996 Annual Meeting American College of Clinical Pharmacy.* Nashville, Tennessee. August 4-7, 1996.

Beringer PM, Ulrich R, Rho JP. Evaluation of Therapeutic Drug Concentration Scheduling and Reporting. *30th Annual ASHP Midyear Clinical Meeting.* Las Vegas, Nevada. December 1995.

Beringer PM, Winter ME. An integrated package of pharmacokinetic programs for a hand-held pocket calculator. *27th Annual ASHP Midyear Clinical Meeting.* Orlando, Florida. December 1992.

Beringer PM, Winter ME. Analysis of serum drug concentration ordering at UCSF. *12th Annual Western States Conference for Pharmacy Residents and Preceptors*. Pacific Grove, California. 1992.

Beringer PM, Winter ME. Influence of intensive care stay on creatinine excretion. *11th Annual Western States Conference for Pharmacy Residents and Preceptors*. Pacific Grove, California. 1991.

INVITED LECTURES/SEMINARS

The role of aerosolized antibiotics in the management of pulmonary infections. Medical Center Grand Rounds, Childrens Hospital Los Angeles. December 2000.

Pharmacists role in optimizing outcomes with aerosolized antibiotics. ASHP Midyear Clinical Meeting, Las Vegas, NV. December 2000.

PK/PD of ciprofloxacin in adult CF patients. Laboratory of Applied Pharmacokinetics Workshop. November 2000.

Pharmacokinetics in the Elderly. Geriatric Board Preparatory Course. UCLA Department of Gerontology. August 2000.

Therapeutic drug monitoring in the new millenium. Department of Pharmacy, Memorial Medical Center, Modesto, CA. April 2000.

Population pharmacokinetics of ibuprofen in children with cystic fibrosis. Laboratory of Applied Pharmacokinetics Workshop. USC Health Sciences Campus, Los Angeles, CA. March 2000

Management of antibacterial resistance in cystic fibrosis. Patient Care Day. USC Cystic Fibrosis Center. Los Angeles, California, March 1999.

Pharmacokinetics of HBIG in Liver Transplant Recipients with Chronic Hepatitis B. Liver Service Grand Rounds. USCUH. March 1998

Pharmacological Management of Cystic Fibrosis Lung Disease. Respiratory Therapy Continuing Education Seminar. USCUH. December 1997, February 1998.

Dosage Adjustment in Patients with Changing Renal Function: Chasing a Moving Target? Clinical Pearls Presentation. ASHP Midyear Clinical Meeting. Atlanta, Georgia. December 1997.

Population PK/PD Modeling and New Methods for Model-Based, Goal-Oriented, Individualized Drug Therapy. Pre-ACCP Workshop. Phoenix, Arizona. November 1997.

Optimizing Antimicrobial Therapy: The Role of Pharmacokinetics/Pharmacodynamics. Postgraduate Education Program. University of Southern California School of Pharmacy. Las Vegas, Nevada. [1 ACPE credit] March 1996

Diabetes And Patient Education. Complications Of Diabetes Mellitus. California Pharmacists Association. Burlingame, California. [1 ACPE credit] March 1993.
Quinolones In The Treatment Of Chronic Osteomyelitis. Pharmacy grand rounds. University of California San Francisco. San Francisco, California. March 1991