

James A. Lyon, Pharm.D., FCCP

CURRICULUM VITAE

EDUCATIONAL BACKGROUND

B.S.	Pharmacy University of Pittsburgh School of Pharmacy Pittsburgh, PA	May, 1972
ASHP Administrative Residency, St. Luke's Hosp., Cleveland, Ohio		1972-1973
Pharm.D.	Doctor of Pharmacy University of Michigan School of Pharmacy Ann Arbor, MI	August, 1974

APPOINTMENTS AND POSITIONS

01/11-Present

**University of North Carolina at Wilmington
Clinical Research Program, School of Nursing
Lecturer**

Online instructor for courses in the B.S. and M.S. in Clinical Research
Graduate Coordinator for the MS Program 2013-present

02/05- 10/16

**President
Jim Lyon, Pharm.D., Inc.**
Consultant Services for the pharmaceutical industry.

11/09- 12/12

Pharmacist, Relief
Pender Memorial Hospital
Burgaw, NC 28425

08/05-01/11

**University of North Carolina at Wilmington
Clinical Research Program, School of Nursing
Lecturer, Part-time**

Online instructor for two courses in the B.S. Clinical Research program.
Manage and Monitor Clinical Trials and Scientific Literature Seminar

05/94-02/05

**Senior Director, Phase I
aaiPharma, Inc.
Wilmington, NC 28405**

Management responsibility for 88-bed Phase I unit located in AAI's RTP facility. Responsibilities include supervising biostatistical staff and full-time

employees at the AAI Clinic. Project team member for internal as well as client projects that include pharmacokinetic or bioequivalence data. Act as a clinical resource for regulatory affairs, formulation development laboratory, clinical supplies division, clinical trials group and corporate management.

06/90-06/02

**Adjunct Associate Professor, School of Pharmacy
University of North Carolina at Chapel Hill**

11/89-04/94

**Vice President, Clinical Research, Chief Operating Officer
Pharmaceutical Product Development, Clinical Research Unit, Inc.
Wilmington, NC 28401**

P&L responsibility for a start-up Phase I facility located in Research Triangle Park, NC. Initial facility included the renovation of an office building to contain a 36-bed clinic. Responsibilities included hiring and training of all personnel as well as fiscal cash flow and conduct of all studies. Responsible for the design of current 72-bed facility as well as hiring and training of full-time staff.

10/88-11/89

**Vice President, Clinical Research
Pharmaceutical Product Development, Inc.
Wilmington, NC 28401**

Manager of a rapidly expanding staff of Clinical Research Associates involved in provision of monitoring for several 100 site multi-center clinical trials during sale of business to new owners. Responsibilities included hiring and training of CRA's, client liaisons and expansion of computer network.

02/88-09/88

**Vice President, Clinical Research
Biodecision Laboratories, Inc., Pittsburgh, PA**

Responsible for all human testing in a 125-bed Phase I unit located in a large metropolitan area. Facility included clinics as well as a large ward used to conduct studies requiring intensive monitoring such as first-time in man protocols. Facility also contained a physician's office for outpatient clinical trials.

12/85-02/88

**Director of Clinical Trials
Biodecision Laboratories, Inc.**

Responsible for establishing single site and multi center clinical trials as well as increasing the utilization of 12 bed Phase I unit.

1983-1988

**Adjunct Assistant Professor of Clinical Pharmacy
Duquesne University School of Pharmacy**

Taught Applied Pharmacokinetic and Clinical Research Seminar Series for Doctor of Pharmacy students.

- 1987-1988 **Clinical Pharmacist Consultant**
VA Medical Center, Butler, PA
Consultant for training of staff hospital pharmacists to conduct patient chart reviews in large VA medical center.
- 11/83-11/85 **PharmaKinetics Laboratories, Inc.**
Clinic Director, Pittsburgh Center Clinical Studies
Area Manager, North Central United States
Established new clinical research office used to conduct multi center clinical trials in the area of gastroenterology. Promoted to Area Manager with responsibilities for clinics in Pittsburgh, Akron, Cleveland, Detroit, Cincinnati, Indianapolis and Louisville.
- 1982-1984 **Research Associate, Department of Medicine**
Division of Clinical Pharmacology
University of Pittsburgh School of Medicine
Conducted clinical research for Division of Clinical Pharmacology and self-supported position by conducting clinical trials using hospital outpatient clinic.
- 1976-1982 **Scientific Member, Institutional Review Board**
Biodecision Laboratories, Pittsburgh, PA
Served as the scientific member of an institutional review board (IRB) that reviewed Phase I studies.
- 1974-1982 **Assistant Professor of Pharmacy**
University of Pittsburgh School of Pharmacy
Responsible for didactic lectures in the areas of infectious diseases, cardiology and computers in pharmacy. Clinical instructor at Presbyterian University Hospital for fifth-year pharmacy students.

CERTIFICATION AND LICENSURE

Registered Pharmacist:

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|------|---|
| 2002 | State of North Carolina (16597)- active |
| 1974 | State of Pennsylvania (28103)- inactive |
| 1973 | State of Michigan (21403)- inactive |
| 1972 | State of Ohio (03-11-0186)- inactive |

AWARDS and HONORS

- Elected as a Fellow of the American College of Clinical Pharmacy- October 2004
Distinguished Alumnus- University of Pittsburgh, School of Pharmacy- November 2017

PUBLICATIONS

1. Schwartz S, Pazin G, **Lyon J**, Ho M and Pasculle A: A Controlled Investigation of Obesity on the Pharmacokinetics of Gentamicin and Tobramycin. *Journal of Infectious Diseases* 1978;138:499-505.
2. Pazin G, Schwartz S, Ho M, **Lyon J** and Pasculle A: Treatment of Septicemic Patients with Cefoxitin: Pharmacokinetics in Renal Insufficiency. *Reviews in Infectious Diseases* 1979;1:52-55.
3. **Lyon J**: Pharmacy Computer Systems. Pitt Capsule, University of Pittsburgh, School of Pharmacy, 1979.
4. **Lyon J**, Thompson M and Pazin G: Prophylaxis for Antibiotic Endocarditis. *American Pharmacy* 1979NS 19: 37-38.
5. Diven W, Obermeyer B, Wolen R, Yu V and **Lyon J**: Measurement of Serum and Tissue Concentrations of Moxalactam Using High Pressure Liquid Chromatography. *Therapeutic Drug Monitoring* 1981;3:291-295.
6. Garzone P, **Lyon J**, Yu V, Zuravleff J, Diven W and Pasculle A: Steady State Moxalactam Kinetics: Comparisons with other Cephalosporins. *Clinical Pharmacology and Therapeutics* 1981;30:86-94.
7. Kroboth P, Brown A, **Lyon J**, Kroboth F and Juhl R: Pharmacokinetics of Single-Dose Erythromycin in Normal and Alcoholic Liver Disease Subjects. *Antimicrobial Agents and Chemotherapy* 1982;21:135-140.
8. Binus M, **Lyon J** and Nicholas J: Comparable Serum Concentrations of Choline Magnesium Trisalicylate, Aspirin, and Buffered Aspirin in Rheumatoid Arthritis. *Arthritis and Rheumatism* 1982;25:464-466.
9. Garzone P, **Lyon J** and Yu V: Third Generation and Investigational Cephalosporins: I. Structure Activity Relationships and Pharmacokinetic Review. *Drug Intelligence & Clinical Pharmacy* 1983;17:507-515.
10. **Lyon J**: Cefoperazone Evaluation. *Drug Intelligence & Clinical Pharmacy* 1983;17:7-11.
11. Garzone P, **Lyon J** and Yu V: Third Generation and Investigational Cephalosporins: II. Microbiologic Review and Clinical Summaries. *Drug Intelligence & Clinical Pharmacy* 1983;17:615-623.

12. Muder R, Thearle P, Yu, V, Johnson, J, Diven W, **Lyon, J**: Penetration of Cefoperazone into Surgical Wounds Drainage in Patients Undergoing Head and Neck Surgery. *Antimicrobial Agents & Chemotherapy* 1984;25:473-475.
13. **Lyon J**. Imipenem/Cilastatin (Primaxin): An Overview. *Drug Intelligence & Clinical Pharmacy*, 1985;19:894-899.
14. Seaman J, Cornfield R, Cummings R, Peterson C, **Lyon J**: Exploring Psychiatric Prescribing Practices: The relationship between the role of the provider and the appropriateness of prescribing. *General Hospital Psychiatry*, 1987;9:220-224.
15. **Lyon J.**: Personal Computers: Rx for Improving your Productivity. *Hospital Pharmacy*, 1987;22:1146-1149.
16. Kann J, **Lyon J**, Bon C: Availability of Iron from Four Prenatal Multivitamin/Multimineral Products. *Clin Ther* 1988;10:287-293.
17. Golden PL, Warner PE, Fleishaker JC, Jewell RC, Millikin S, **Lyon J**, Brouwer KL: Effects of probenecid on the pharmacokinetics and pharmacodynamics of adinazolam in humans. *Clin Pharmacol Ther.* 1994 Aug;56(2):133-41.
18. Peroutka SJ, **Lyon JA**, Swarbrick J, Lipton RB, Kolodner K, Goldstein J: Efficacy of Diclofenac Sodium Softgel 100 mg With or Without Caffeine 100 mg in Migraine Without Aura: A Randomized, Double-blind, Crossover Study. *Headache.* 2004 Feb;44(2):136-141.
19. Zuniga JR, Phillips CL, Shugars D, **Lyon JA**, Peroutka SJ, Swarbrick J, Bon C: Analgesic safety and efficacy of Diclofenac Sodium Softgels in Postoperative Third Molar Extraction. *J Oral Maxillofac Surg* 2004;62:806-815.
20. Hersh EV, Levin LM, Adamson D, Christensen S, Kiersch TA, Noveck R, Watson G, **Lyon JA**: Dose-Ranging Analgesic Study of ProSORB® Diclofenac Potassium in Postsurgical Dental Pain. *Clinical Therapeutics* 2004;26(8):1215-1227.

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Association of Clinical Research Professionals- 2017- Present
American College of Clinical Pharmacy 1980-Present
American Society of Hospital Pharmacists 1972-1992
Associates of Clinical Pharmacology 1982-1993
Society for Clinical Trials 1982-1990
Pennsylvania Society of Hospital Pharmacists 1972-1988
Western Pa. Society of Hospital Pharmacists 1972-1988
American Pharmaceutical Association 1969-1982
American Association Colleges Pharmacy 1974-1982

American Society Consultant Pharmacists 1978-1982
Kappa Psi Pharmaceutical Fraternity 1971-Present
Ohio State Pharmaceutical Association 1972-1978
Allegheny County Pharmaceutical Assoc. 1975-1979
Drug Information Association 1990-1996
American Association of Pharmaceutical Scientists 1996-1998
New Hanover County Pharmaceutical Association – 1990- Present

PROFESSIONAL ACTIVITIES

Undergraduate Teaching:

University of Pittsburgh 1974-1982. Responsible for didactic lectures in the areas of infectious diseases, cardiology and computers in pharmacy. Clinical instructor at Presbyterian University Hospital for fifth-year pharmacy students.

University of North Carolina at Wilmington, School of Nursing. Responsible for online courses (Using Blackboard software) in the B.S. in Clinical Research program.

Graduate Teaching:

University of North Carolina at Wilmington, School of Nursing: Graduate Program Coordinator

Duquesne University 1983-1988.

Applied Pharmacokinetics, 2 credit, Doctor of Pharmacy program, 1983-84.
Clinical Research Seminar Series, 1985-1988.

University of Pittsburgh - Graduate Student Committee member: 4

University of North Carolina Wilmington- Graduate Committee Chair: 25

OTHER ACTIVITIES

Principal or subinvestigator for over 500 Pharmacokinetic or Bioequivalence Trials
Invited Lectures: Over 100 lectures at local, state and national organizations.

Revision Date: March 2018