

CURRICULUM VITAE: WILLIAM J. JUSKO

Address:

February 2017

Department of Pharmaceutical Sciences, Kapoor 404
School of Pharmacy and Pharmaceutical Sciences
State University of NY at Buffalo, Buffalo, NY 14214-8033
Phone (716) 645-2855; FAX (716) 829-6569

E-MAIL: wjjusko@buffalo.edu
ORCID No. 000-0003-4017-0550

Weblinks:

<http://www.webofknowledge.com/> Jusko, W
<http://pharmacy.buffalo.edu/departments-offices/pharmaceutical-sciences.html>
<http://www.researcherid.com/rid/G-4885-2015>
<https://www.linkedin.com/pub/william-jusko/33/aa7/825>
<https://www.facebook.com/william.jusko>

Education:

Salamanca High School, NY 1956-1960 Secondary Education
State University of New York at Buffalo 1960-1965 B.S. Pharmacy
State University of New York at Buffalo 1966-1969 Ph.D. 1970

Appointments:

State University of New York at Buffalo, School of Pharmacy and Pharmaceutical Sciences,
Department of Pharmaceutical Sciences
SUNY Distinguished Professor Nov 2008 - present
UB Distinguished Professor April 2007-Nov 2008
Professor April 1977 – Apr 2007
Chair, Department of Pharmaceutical Sciences Jan 2001 – May 2016
Director, Center of Excellence in Pharmacokinetics and Pharmacodynamics Dec 2005 -present
Vice-Chairman, Department of Pharmacy April 1984 - Oct. 1986
Director, Doctor of Pharmacy Program Sept. 1981 - Aug. 1986
Associate Professor of Pharmaceutics March 1974 - April 1977
Assistant Professor of Pharmaceutics Aug. 1972 - March 1974

Millard Fillmore Hospital, Buffalo, NY Aug. 1972 - Sept. 1981
Director, Clinical Pharmacokinetics Laboratory

Mario Negri Institute for Pharmacological Research, Milan, Italy, Visiting Scientist Sept. 1978 - June 1979

Veterans Administration Hospital, Boston, MA Sept. 1969 - July 1972
Clinical Pharmacology Section, Research Pharmacologist

Boston University School of Medicine June 1970 - July 1972
Department of Pharmacology, Assistant Professor of Pharmacology

Boston Collaborative Drug Surveillance Program Sept. 1969 - July 1972
Boston University Medical Center, Research Associate

Anotex v. Novartis

State University of New York at Buffalo Dept. of Pharmaceutics, Research Assistant	Sept. 1962 - Aug. 1969
Soby's Pharmacy, Buffalo, NY, Pharmacist	March 1966 - June 1968
Children's Hospital of Buffalo, NY, Hospital Pharmacist	Sept. 1962 - Feb. 1966

Consultant:

Council for International Exchange of Scholars (Fulbright Scholar Program)
Medical Sciences Award Committee, 1980-84
National Institutes of Health, Pharmacology Study Section, 1980-84, 1997-01
Food and Drug Administration, CDER, Clinical Pharmacology Advisory Committee, 1999-2007
Various pharmaceutical companies, 1978-present

Awards and Honors:

NIH Predoctoral Research Fellowship, 1966-1969.
Fulbright-Hays Award to Mario Negri Institute, Milan, Italy, 1978-1979.
Fellow, Academy of Pharmaceutical Sciences, 1980.
Rorer Award, Second Best paper in: Am. J. Gastroent., 1980, (Ref. 116).
Fellow, American Association for the Advancement of Science, 1985.
Fellow, American Association of Pharmaceutical Scientists, 1986.
Rawls-Palmer Award, Am. Soc. Clinical Pharmacology & Therapeutics, 1987.
Doctor Honoris Causae, Jagiellonian University, Krakow, Poland, 1987.
Russell R. Miller Award, Am. College of Clinical Pharmacy, 1988.
Citizen of the Year (Health/Medicine), Am-Pol Eagle, Buffalo, NY, 1987
Distinguished Service Award, Am. College Clinical Pharmacology, 1989.
Fellow, American College of Clinical Pharmacology, 1989.
Faculty Exchange Scholar, State University of New York, 1990
Kosciusko Award, General Pulaski Assn. of Niagara Frontier, 1996
Research Achievement Award in PPDM, AAPS, 1998
John G. Wagner Lectureship, University of Michigan, 1999
Sustained Achievement Award, University at Buffalo, 2002
Roland T Lakey Award Lecture, Wayne State Univ., 2003
Chancellor's Award, University at Buffalo, 2003
ISI Most Highly Cited List in Pharmacology, 2003-present
MERIT Award, National Institutes of Health, 2005-2015
Volwiler Research Achievement Award, Am Assn Colleges of Pharmacy, 2005
Swintosky Distinguished Lecturer, University of Kentucky, 2006
Paul Ehrlich Magic Bullet Lifetime Achievement Award, Oct 2008
AAPS Meritorious Manuscript Award, 2008 (Ref. #469)
Leadership Award, American Society of Pharmacometrics, 2011
Distinguished Investigator Award, Am Coll. Clinical Pharmacology, Sept 2012
ASCPT Sheiner-Beal Pharmacometrics Award, March 2013
Collegium of Eminent Scientists, Kosciuszko Foundation, 2015
Doctor Honoris Causae, University of Paris Descartes, Sept. 2015
Fellow, International Society of Pharmacometrics, Oct. 2016

Memberships:

American Association of Pharmaceutical Scientists (1986-present)
 American Association of Colleges of Pharmacy (1972-present)
 American Association for the Advancement of Science (1970-present)
 American Society for Clinical Pharmacology and Therapeutics (1976-2009)
 American Pharmaceutical Association (1962-2012)
 American Society for Microbiology (1975-1994)
 American Society for Pharmacology and Experimental Therapeutics (1974-present)
 Kappa Psi Pharmaceutical Fraternity (1962-1965)
 Rho Chi Pharmaceutical Honor Society (1968)
 American College of Clinical Pharmacy (1980-2009)
 Federation Internationale Pharmaceutique (1980-2009)
 American College of Clinical Pharmacology (1989-present)
 European Federation for Pharmaceutical Sciences (1999-2009)
 American Society of Pharmacometrics (2011-present)

Listings:

American Men and Women of Science, Who's Who (various venues)

Editorial Boards:

Journal of Pharmaceutical Sciences, 1976-81, 1992-2001.
 Antimicrobial Agents and Chemotherapy, 1978-1989
 Biopharmaceutics and Drug Disposition, 1980-present
 Journal of Pharmacokinetics and Pharmacodynamics, 1982-2005
 Developmental Pharmacology and Therapeutics, 1980-1982
 Drug Intelligence and Clinical Pharmacy, 1982-1987
 Clinical Pharmacology and Therapeutics, 1986-2014
 Journal of Clinical Pharmacology, 1993-present
 American Journal of Therapeutics, 1994-present
 Pharmaceutical Research, 1995-1997; Board of Consulting Editors, 2006-present
 Pharmacotherapy, 1995-2002
 Journal of Pharmacology and Experimental Therapeutics, 1999-present
 Drug Metabolism and Pharmacokinetics (Japan), 2002-present
 Open Access Bioinformatics, March 2009- present
Editor-in-Chief: Journal of Pharmacokinetics and Pharmacodynamics, 2005-present.
 CPT: Pharmacometrics & Systems Pharmacology, 2012-present.
 Current Pharmacology Reports, 2014-present

Other:

Registered Pharmacist in New York State (License No. 25534, March 1, 1966).
 Laboratory Director in Toxicology, Certificate of Qualification No. 588, New York State Department of Public Health (Issued August 13, 1973).

Patents:

1. Benincosa L and Jusko WJ, Novel Method of Treatment, Patent No. WO 00/27341 (May 2000).

Publications:

1. Levy G, and Jusko WJ, Effect of Viscosity on Drug Absorption, *J. Pharm. Sci.* 54: 219-225 (1965). PMID: 14293807
2. Levy G., and Jusko WJ, Factors Affecting the Absorption of Riboflavin in Man, *J. Pharm. Sci.* 54: 285-289 (1966). PMID: 5960174
3. Levy G and Jusko WJ, Apparent Renal Tubular Secretion of Riboflavin in Man, *J. Pharm. Sci.* 55: 1322 (1966). PMID: 5969798
4. Jusko WJ, and Levy G, Absorption, Metabolism, and Excretion of Riboflavin-5'-Phosphate in Man, *J. Pharm. Sci.* 56: 58-62 (1967). PMID: 6030496
5. Jusko WJ and Levy G, Effect of Probenecid on Riboflavin Absorption and Excretion in Man, *J. Pharm. Sci.* 56: 1145-1149 (1967). PMID: 6049701
6. Levy G and Jusko WJ, Case History of a Pharmaceutical Formulation Failure, *Clin. Pharmacol. Ther.* 8: 887-889 (1967). PMID: 6072698
7. Jusko WJ and Levy G, Plasma Protein Binding of Riboflavin and Riboflavin-5'-Phosphate in Man, *J. Pharm. Sci.* 58: 58-62 (1969). PMID: 5765837
8. Levy G, Gibaldi M, and Jusko WJ, Multicompartment Pharmacokinetic Models and Pharmacologic Effects, *J. Pharm. Sci.* 58: 422-424 (1969). PMID: 5787438
9. Jusko WJ, Ph.D. Thesis, The Absorption, Distribution, Metabolism, and Elimination of Riboflavin in Man. State University of New York at Buffalo (1970). Dissertation Abst. 31: 71-6083 (1971).
10. Jusko WJ, Levy G, Yaffe SJ, and Gorodischer R, Effect of Probenecid on Renal Clearance of Riboflavin in Man, *J. Pharm. Sci.* 59: 473-477 (1970). PMID: 5440673
11. Jusko WJ, Rennick B, and Levy G, Renal Excretion Kinetics of Riboflavin in the Dog, *Am. J. Physiol.* 218: 1046-1053 (1970). PMID: 5435402
12. Jusko WJ, Levy G, and Yaffe SJ, Effect of Age on Intestinal Absorption of Riboflavin in Humans, *J. Pharm. Sci.* 59: 487-490 (1970). PMID: 5440675
13. Jusko WJ, Leonards JA, and Levy G., Riboflavin Distribution and Elimination in Two Functionally Anephric Human Patients, *J. Pharm. Sci.* 59: 566-567 (1970). PMID: 5440692
14. Jusko WJ and Levy G, Pharmacokinetic Evidence for Saturable Renal Tubular Reabsorption of Riboflavin, *J. Pharm. Sci.* 59: 765-772 (1970). PMID: 5463652
15. Jusko WJ, Khanna N., Levy G, Stern L, and Yaffe SJ, Riboflavin Absorption and Excretion in the Neonate, *Pediatrics* 45: 945-949 (1970). PMID: 5422117
16. Jusko WJ, Levy G., Yaffe SJ, and Allen J, Riboflavin Absorption in Children with Biliary Obstruction, *Am. J. Dis. Child.* 121: 48-52 (1971). PMID: 5539814
17. Jusko WJ, Fluorometric Analysis of Ampicillin in Biological Fluids, *J. Pharm. Sci.* 60: 728-732 (1971). PMID: 5125772
18. Jusko WJ, Pharmacodynamics of Chemotherapeutic Effects: Dose-Time-Response Relationships for Phase-Nonspecific Agents, *J. Pharm. Sci.* 60: 892-895 (1971). PMID: 5166939
19. Lewis GP, Jusko WJ, Burke CW, Graves L, and the Boston Collaborative Drug Surveillance Program, Prednisone Side-Effects and Serum-Protein Levels: A Collaborative Study, *Lancet* ii: 778-781 (1971). PMID: 4106604
20. Jusko WJ, Lewis GP, and Dittert LW, Integral Coefficients of Multicompartment Pharmacokinetic Models: Application to Chemotherapy, *Chemotherapy* 17: 109-120 (1972). PMID: 5046835
21. Jusko WJ, and Lewis GP, Precaution in Pharmacokinetic Evaluation of Ampicillin Precursors, *Lancet* i: 690-691 (1972). PMID: 4125194
22. Jusko, W.J., and Lewis, G.P., Effect of Hepatic Disease on Liver Flavin and Protein Levels, *Am J Clin Nutr* 25: 265-268 (1972). PMID: 5011906
23. Cohen JL, Jao JT, Jusko WJ, Pharmacokinetics of Cyclophosphamide in Man, *Brit. J. Pharmacol.* 43: 677-680 (1971). PMID: 5157730
24. Lewis GP, Jusko WJ, Coughlin L, and Hartz S., The Contribution of Cigarette Smoking to Cadmium Accumulation in Man, *Lancet* i: 291-292 (1972). PMID: 4109933
25. Wizwer P, Lewis GP, Jusko WJ, and Slone D, A New System For Drug Ordering, Dispensing and Administration in Hospitals, *Am. J. Hosp. Pharm.* 29: 28-29 (1972). PMID: 5021507
26. Jusko WJ and Gibaldi M, Effects of Change in Elimination on Various Parameters of the Two-Compartment Open Model, *J. Pharm. Sci.* 61: 1270-1273 (1972). PMID: 5050376
27. Wizwer P, Lewis GP, Jusko WJ, and Slone D, System Records Drug Orders, Drug Effects, *J. Am. Hosp. Assn.*, 16: 86-94 (1972). PMID: 5055143
28. Jusko WJ, Pharmacodynamic Principles in Chemical Teratology: Dose-Response Relationships, *J. Pharmacol. Exp. Ther.* 183: 469-480 (1972). PMID: 4636387
29. Jao JY, Jusko WJ, and Cohen JL, Phenobarbital Effects on Cyclophosphamide Pharmacokinetics in Man, *Cancer Res.* 32: 2761-2764 (1972). PMID: 4678592
30. Jusko WJ, and Lewis GP, Comparison of Ampicillin and Hetacillin Pharmacokinetics in Man, *J. Pharm. Sci.* 62: 69-76 (1973). PMID: 4630199
31. Jusko WJ, Lewis GP, and Schmitt G, Ampicillin and Hetacillin Pharmacokinetics in Normal and Anephric Subjects, *Clin. Pharmacol. Ther.* 14: 90-99 (1973). PMID: 4345622
32. Lewis GP, Jusko WJ, Coughlin LL, and Hartz S, Cadmium Accumulation in Man: Influence of Smoking, Occupation, Alcoholic Habit, and Disease, *J. Chron. Dis.* 26: 717-726 (1973). PMID: 4648516
33. Jusko WJ, Pharmacokinetic Principles of Pediatric Pharmacology, *Pediatr. Clin. North Am.* 19: 81-100 (1972). PMID: 5049220
34. Jusko WJ, Pharmacokinetic Principles in Chemical Teratology, *Proc. Europ. Soc. Study Drug Toxicity* 14: 9-19 (1973).
35. Jusko WJ, The Bioavailability of Drug Products: Ampicillin APhA Pilot Project on Bioavailability, *Am. Pharm. Assn.*, pp. 19-23 (1973).

36. Jusko WJ, A Pharmacodynamic Model for Cell Cycle-Specific Chemotherapeutic Agents, *J. Pharmacokin. Biopharm.* 1: 175-200 (1973).
37. Jusko WJ, Gretch M, and Gasset R, Precipitation of Diazepam from Intravenous Preparations, *JAMA* 225: 176 (1973). PMID: 4740282
38. Jusko WJ, The Clinical Status of Predictive Pharmacokinetics, in: "Regulation and Control in Physiological Systems", A.S. Iberall and A.C. Guyton, editors, 1973, Instr. Soc. of America, Pittsburgh, pp. 57-60.
39. Szeffler SJ and Jusko WJ, Decreased Volume of Distribution of Digoxin in a Patient with Renal Failure, *Res. Comm. Chem. Path. Pharmacol.* 6: 1095-1098 (1973). PMID: 4760884
40. Jusko WJ, Rapporteur: in: "Pharmacology and Pharmacokinetics", T. Teorell, R.L. Dedrick, and P.G. Condliffe, editors, Plenum Press, New York (1974), pp. 312-313, 336-337, 348-349, 366-368.
41. Jusko WJ, Szeffler SJ, and Goldfarb AL, Pharmacokinetic Design of: Digoxin Dosage Regimens in Relation to Renal Function, *J. Clin. Pharmacol.* 14: 525-635 (1974). PMID: 4430731
42. Jusko WJ and Weintraub M, Myocardial Distribution of Digoxin and Renal Function, *Clin. Pharmacol. Ther.* 16: 449-454 (1974). PMID: 4414761
43. Jusko WJ, Interpretation of Cell Proliferation Curves Using a Two-Compartment Cell Model, *Math. Biosci.* 21: 31-37 (1974).
44. Gretch M, Jusko WJ, Interpretation of Drug Binding Changes in Relation to Protein Concentration, *Br J Anesth* 46: 545 (1974). PMID: 4458779
45. Jusko WJ, Clinical Pharmacokinetics of Digoxin, in: "Clinical Pharmacokinetics - A Symposium", G Levy, editor, A.Ph.A., Academy of Pharmaceutical Sciences, Washington, 1974, pp. 31-43.
46. Jusko WJ, Pharmacokinetic Management of Antibiotic Therapy, in: "Clinical Pharmacokinetics - A Symposium", G.Levy, editor, A.Ph.A. Academy of Pharmaceutical Sciences, Washington, 1974, pp. 111-127.
47. Jusko WJ, Conti DR, Molson A, Kuritzky P, Giller J, and Schultz R, Digoxin Absorption from Tablets and Elixir: The Effect of Radiation-Induced Malabsorption, *JAMA* 230: 1554-1555 (1974). PMID: 4479663
48. Danish M, Schultz R, and Jusko WJ, Pharmacokinetics of Gentamicin and Kanamycin During Hemodialysis, *Antimicrob. Ag. Chemother.* 6: 841-847 (1974). PMID: 4451356
49. Jusko WJ, Slaunwhite WR, and Aceto T, Partial Pharmacodynamic Model for the Circadian-Episodic Secretion of Cortisol in Man, *J. Clin. Endocrinol. Metab.* 40: 278-289 (1975). PMID: 163972
50. Garrettson LK and Jusko WJ, Diphenylhydantoin Elimination Kinetics in Overdosed Children, *Clin. Pharmacol. Ther.* 17: 481-491 (1975). PMID: 1122689
51. Lalka D, Jusko WJ, and Bardos TJ, Reactions of 2,2-Dimethylaziridine-Type Alkylating Agents in Biological Systems. II. A Comparative Pharmacokinetic Study in Dogs, *J. Pharm. Sci.* 64: 230-235 (1975). PMID: 236372
52. Jusko WJ, Factors Affecting the Pharmacokinetics of Some Psychoactive Drugs, *Proc. of the Symposium: Clinical Pharmacology and Toxicology of Psychoactive Drugs*, E.M. Sellers, ed, Addict Res Found, Toronto, pp.55-72 (1975).
53. Jusko WJ and Levy G, Absorption, Protein Binding, and Elimination of Riboflavin, Chapter 4 in *Riboflavin*, Rivlin R.S., editor, Plenum Press, New York, 99-152 (1975).
54. Jusko WJ, Gerbracht LM, Golden LH, and Koup J., Digoxin Concentrations in Serum and Saliva, *Res. Comm. Chem. Path. Pharmacol.* 10: 189-192 (1975). PMID: 1124317
55. Jusko WJ, Mosovich LL, Gerbracht LM, Mattar ME, and Yaffe SJ, Enhanced Elimination of Dicloxacillin in Patients with Cystic Fibrosis, *Pediatrics* 56: 1038-1044 (1975). PMID: 1196754
56. Koup JR, Jusko WJ, Elwood CM, and Kohli RK, Digoxin Pharmacokinetics: Role of Renal Failure in Dosage Regimen Design, *Clin. Pharmacol. Ther.* 18: 9-21 (1975). PMID: 1149366
57. Koup JR, Jusko WJ, Goldfarb AL, pH-Dependent Secretion of Procainamide into Saliva, *J. Pharm. Sci.* 64: 2008-2010 (1975). PMID: 1514
58. Koup JR, Greenblatt DJ, Jusko WJ, Smith TW, and Koch-Weser J, Pharmacokinetics of Digoxin in Normal Subjects After Intravenous Bolus and Infusion Doses, *J. Pharmacokin. Biopharm.* 3: 181-192 (1975). PMID: 1159622
59. Lewis GP and Jusko WJ, Pharmacokinetics of Ampicillin in Cirrhosis, *Clin. Pharmacol. Ther.* 18: 475-484 (1975). PMID: 1164828
60. Jusko WJ, Drug Dosage Adjustments in Diseased Patients, *Rational Drug Therapy* 10: 1-8 (1976). PMID: 951505
61. Gorodischer R, Jusko WJ, and Yaffe SJ, Renal Clearance of Digoxin in Young Infants, *Res. Comm. Chem. Path. Pharmacol.* 16: 363-374 (1977). PMID: 847290
62. Gorodischer R, Jusko WJ, and Yaffe SJ, Tissue and Erythrocyte Distribution of Digoxin in Infants, *Clin. Pharmacol. Ther.* 19: 256-263 (1976). PMID: 1261163
63. Koup JR, DeLattre M, Jusko WJ, and Vance JW, Caution in the Use of Variable Heparin Strengths, *Drug Intell. Clin. Pharm.* 9: 387-388 (1975).
64. Jusko WJ, Bioavailability Monograph on "Ampicillin", *J. Am. Pharmaceut. Assn.*, NS 15: 591-594 (1975). PMID: 1184921
65. Jusko WJ and Poliszczuk A, Analysis of Theophylline in Biological Fluids by HPLC, Dupont Liquid Chromatography Applications Report, DuPont Instruments, Wilmington, Del. (1975).
66. Yurchak AM and Jusko WJ, Theophylline Secretion into Breast Milk, *Pediatrics* 57: 518-520 (1976). PMID: 1264548
67. Jusko WJ, Baliah T, Kim KH, Gerbracht LM, and Yaffe SJ, Pharmacokinetics of Gentamicin During Peritoneal Dialysis in Children, *Kidney International* 9: 430-438 (1976). PMID: 940277
68. Jusko WJ and Gretch M., Plasma and Tissue Protein Binding of Drugs in Pharmacokinetics, *Drug Met. Rev.* 5: 43-140 (1976). PMID: 829788 & PMID: 780085
69. Hunt SN, Jusko WJ, Yurchak AM, Effect of Smoking on Theophylline Disposition, *Clin. Pharmacol. Ther.* 19: 546-551 (1976). PMID: 1277710
70. Thiessen JJ, Bernardo PD, Seitz J, and Jusko WJ, Prednisolone: Bioavailability Monograph, *J. Am. Pharm. Assn.* NS 16: 143-146 (1976).
71. Jusko WJ, Bioavailability and Disposition Kinetics of Phenytoin in Man, In: "Quantitative Analytic Studies in Epilepsy", Kellaway P and Peterson I., editors, Raven Press, New York, 115-136 (1976).
72. Jusko WJ, Koup JR, and Alvan G, Nonlinear Assessment of Phenytoin Bioavailability, *J. Pharmacokin. Biopharm.* 4: 327-336 (1976). PMID:

Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.