

## **CURRICULUM VITAE**

### **I. PERSONAL**

James Heyward Hull, III  
2503 Foxwood Drive  
Chapel Hill, NC 27514

### **II. EDUCATION**

<b><u>University</u></b>	<b><u>Date</u></b>	<b><u>Major</u></b>	<b><u>Degree</u></b>
University of North Carolina at Chapel Hill	1983	Pharmacy	Pharm.D.
University of North Carolina at Chapel Hill	1973	Hospital Pharmacy Administration	M.S.
University of North Carolina at Chapel Hill	1963	Pharmacy	B.S.

### **III. CURRENT APPOINTMENT**

2017-in perpetuum: **PROFESSOR EMERITUS,  
UNC ESHELMAN SCHOOL OF PHARMACY**

### **IV. PRIOR EMPLOYMENT HISTORY**

2006-2016: **UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL,  
ESHELMAN SCHOOL OF PHARMACY - Chapel Hill, NC**

- Clinical Professor, Division of Pharmacotherapy & Experimental Therapeutics, School of Pharmacy, University of North Carolina

2000-2006: **ICAGEN, INC.**  
Research Triangle Park, NC

- Senior Vice-President, Development & Regulatory Affairs

1995-2000 **QUINTILES, INC.**  
Research Triangle Park, NC

- Group Vice President, Therapeutic Areas (1997 to 2000)
- Executive Director, Medical Affairs (1997)
- Senior Director, Medical Operations (1995-1997)

- 1978-1995    **BURROUGHS WELLCOME, CO.**  
Research Triangle Park, NC
- Director, Department of Cardiovascular Medicine and Senior Clinical Research Scientist (1992-1995)
  - Senior Scientific Advisor, Cardiopulmonary Medicine (1989-1992)
  - Associate Department Head/Department Head, Clinical Medicine (1985-1989)
  - Section Head, Cardiovascular Section (1980-1985)
  - Senior Clinical Research Scientist I (1979-1980)
  - Clinical Research Scientist II (1978-1979)
- 1971 - 1978    **NORTH CAROLINA MEMORIAL HOSPITAL, Department of Pharmacy**  
Chapel Hill, NC
- Clinical Pharmacist

## V.    **ACADEMIC EXPERIENCE**

- 1971-1978    **UNIVERSITY OF NORTH CAROLINA at CHAPEL HILL, (joint) Divisions of Pharmaceutics and Pharmacy Practice, School of Pharmacy**  
Chapel Hill, NC
- Associate Professor with tenure (1978)
  - Assistant Professor (1975-1977)
  - Instructor (1971-1975)

*Formerly, Clinical Professor, Division of Pharmacy Practice, University of North Carolina School of Pharmacy, Chapel Hill, NC and Adjunct Professor, Department of Pharmaceutical Sciences, Campbell University School of Pharmacy, Buies Creek, NC*

From 1982 - 2006, taught a graduate-level course (Pharmacotherapy 211) entitled: "Design and Analysis of Clinical Drug Trials."

## VI.    **TRAINING**

Residency, Hospital Pharmacy, North Carolina Memorial Hospital, Chapel Hill, NC, 1969-1971

Completed one-week "Postgraduate Course in Clinical Pharmacology," University of Rochester Schools of Medicine and Dentistry, Rochester, N.Y. (1979).

Graduate of the Burroughs Wellcome Co. Executive Management Institute, Chapel Hill, NC (1993)

Licensure, North Carolina #4701 (March 1964) - inactive

## **VII. SOCIETY MEMBERSHIPS (in Past)**

- Society For Clinical Trials
- American Society for Clinical Pharmacology and Therapeutics
- American College of Clinical Pharmacology
- American College of Clinical Pharmacists (Founding Member)
- American Pharmaceutical Association: (Academy of Pharmaceutical Research and Sciences)
- North Carolina Society of Hospital Pharmacists

## **VIII. ACADEMIC AND PROFESSIONAL HONORS**

- Student Body Vice President [Pharmacy School] (1963)
- All Conference Team [Baseball], Atlantic Coast Conference (1962, 1963)
- "Order of the Old Well" (Honorary Fraternity) UNC (1963)
- Recipient - "Educational Foundation Award - Most Valuable Senior" [Baseball], UNC Athletic Department (1963)
- Rho Chi [Professional Honorary Society] UNC School of Pharmacy (1971)
- Recipient - "Lederle Pharmacy Faculty Award" (for presented paper) APhA Annual Meeting (1975)
- Recipient - "Research Award" (for published article) presented at the 12th Annual Midyear Clinical Meeting, American Society of Hospital Pharmacists, Atlanta, Georgia, (1977)
- Recipient - "McKeen-Cattell Distinguished Achievement Award," presented by the American College of Clinical Pharmacology for outstanding research article (published in 1980) in the Journal of Clinical Pharmacology.
- Recipient - Burroughs Wellcome Co. "Presidential Award," for outstanding work as Project Leader for Xenalipin (1985).
- Recipient - Quintiles "President's Award" for continued outstanding performance (1997)
- Recipient - "Distinguished Service Award," for sustained contributions to the UNC School of Pharmacy (1998)

## **IX. OTHER PROFESSIONAL AND SCIENTIFIC ACTIVITIES:**

- Pharmacist Consultant to the N.C. Medicaid Program: [Program contractors: PAID Prescriptions of North Carolina (1973 to 1975), Electronic Data Systems-Federal (1976), and The Computer Company] (1977)
- Vice-Chairman, Special Interest Group (S.I.G.) - Section on Clinical Pharmacokinetics, American Society of Hospital Pharmacists, (1975 to 1976)

- Participant (panel moderator) in Professional Education Film - "The Pharmacists Antibiotic Therapy Test," a 2-hour presentation produced by Roche Laboratories, (1976)
- Member, National Hospital Pharmacy Advisory Panel: Bristol Laboratories, Syracuse, N.Y. (1976 to 1977)
- Program Chairman, North Carolina Society of Hospital Pharmacists (1976 to 1977)
- Pharmacist Consultant, Brian Center Nursing Home, Siler City, N.C. (1976 to 1977)
- Chairman, Special Interest Group (S.I.G.) - Section on Clinical Pharmacokinetics, American Society of Hospital Pharmacists, (1977)
- President, North Carolina Society of Hospital Pharmacists (1978)
- Member, Editorial Advisory Committee - Drug Intelligence and Clinical Pharmacy (1978 to 1980)
- Co-Director (industry representative): Clinical Research/Drug Development Fellowship Program, a (joint) Burroughs Wellcome Co. - University of North Carolina School of Pharmacy post-doctoral fellowship (1980 to 1981).
- Consulting Editor, Clinical Pharmacy (1981 to 1985)
- Founding member, American College of Clinical Pharmacy; Member, Board of Regents (1982 to 1984)
- Member, Scientific Executive Committee, APhA Academy of Pharmaceutical Research and Sciences (1986 to 1988)
- Member, USP Biostatistics Expert Committee (2000 to 2002)

**Reviewer (in past), for manuscripts submitted to the following scientific, clinical, or professional journals:**

- Clinical Pharmacology and Therapeutics
- Annals of Internal Medicine
- Annals of Pharmacotherapy
- Journal of Pharmacokinetics and Biopharmaceutics
- Journal of Pediatrics
- Clinical Pharmacy
- American Journal of Pharmaceutical Education

**X. STUDENTS AND TRAINEES**

Served as Major Research Advisor to the following graduate students:

Thomas Adams, M.S. (1977)	Wayne Pittman, M.S. (1978)
David Rudd, M.S. (1977)	Robert Wilson, M.S. (1979)
William Sawyer, M.S. (1977)	Paul Williams, Pharm.D., M.S. (1981)
Edward Frenier, M.S. (1978)	

**XI. PUBLICATIONS****Refereed Articles:**

Hull, J.H., Eckel, F.M.: "The Role of the Pharmacist on Ward Rounds as a Drug Therapy Advisor," Am. J. Hosp. Pharm., 30:687-694, 1973.

Hull, J.H., Sarubbi, F.A.: "Gentamicin Serum Concentrations: Pharmacokinetic Predictions," Ann. Intern. Med., 85:183-189, 1976.

Sarubbi, F.A., Hull, J.H.: "Amikacin Serum Concentrations: Predictions of Blood Levels and Dosage Guidelines," Ann. Intern. Med., 89 (Part 1):612-618, 1978.

Hull, J.H., Murray, W.J., Brown, H.S., et al.: "Potential Anticoagulant Drug Interactions in Ambulatory Patients," Clin. Pharmacol. Therap. 24:644-649, 1978.

Adams, T.R., Murray, W.J. and Hull, J.H.: "Impact of Patient- Specific Drug Interaction Information on Physician Prescribing Patterns," Drug Intell. Clin. Pharm., 14:280-283, 1980.

Hull, J.H.: "Mathematical Considerations in the Estimation of Peak Drug Concentrations Under Uniform and Non-Uniform Dosing Conditions," J. Clin. Pharmacol., 20:644-651, 1980.

Rudd, G.D., Hull, J.H., Morris, C.R., Bryan, C.K.: "Estimation of Creatinine Clearance in Children: A Comparison of Three Methods," Am. J. Hosp. Pharm., 37:1514-1517, 1980.

Hannemann, R.E., Erb, R.J., Stoltman, W.P., Bronson, E.C., Williams, E.J., Long, R.A., Hull, J.H., and Starbuck, R.R.: "Digital Plethysmography for Assessing Erythrityl Tetranitrate Bioavailability," Clin. Pharmacol. Therap., 29:35-42, 1981.

Hull, J.H., Hak, L.J., Koch, G.G., Wargin, W.A., Chi, S.L., Mattocks, A.M.: "Influence of Range of Renal Function and Liver Disease on Predictability of Creatinine Clearance," Clin. Pharmacol. Therap. 29:516-521, 1981.

Dunham, C.B., Hak, L.J., Hull, J.H., Mattocks, A.M.: "Enhancement of Peritoneal Dialysis With Docusate Sodium (DSS)." Kid. Int. 20:563-568, 1981.

Haffty, B.G., Nakamura, Y., Spodick, D.H., Long, R.A., Hull, J.H.: "Bioavailability of Organic Nitrates: A Comparison of Methods for Evaluating Plethysmographic Responses," J. Clin Pharmacol. 22:117-124, 1981.

Christenson, R.H., Hammond, J.E., Hull, J.H., Bustrack, J.A.: "A Routine Method for the Determination of Digoxin in Urine by Radioimmunoassay," Clinica Chimica Acta,

120:13-19, 1982.

Wilson, R.C., Cocchetto, D.M., Blum, M.R., Liao, S., Hersh, M., Hull, J.H.: "KINPLOT: An Interactive Pharmacokinetic Graphics Program for Digital Computers." Am. J. Pharm. Ed. 46:146-150, 1982.

Rogers, J.F., Findlay, J.W.A., Welch, R.M., Butz, R.F., Jones, E., Bustrack, J.A., Hull, J.H.: "Codeine Disposition in Smokers and Nonsmokers." Clin. Pharmacol. Therap., 32:218-227, 1982.

Hull, J.H., Findlay, J.W.A., Rogers, J.F., Welch, R.M., Butz, R.F., Bustrack, J.A.: "An Evaluation of the Effects of Smoking on Codeine Pharmacokinetics and Bioavailability in Normal Human Volunteers," Proceedings of the Sir Henry Wellcome Symposium, Drug Intell. Clin. Pharm., 16:849-854, 1982.

Hull, J.H., Pittman, A.W., Cato, A.E., Eckel, F.M., Cloutier, G.: "Training the Clinical Scientist Through a Combined Industrial/ Academic Fellowship," Am. J. Pharm. Ed., 47:30-34, 1983.

Bowdre, J.H., Hull, J.H., Cocchetto, D.M.: "Antibiotic Efficacy Against *Vibrio Vulnificus* in the Mouse: Superiority of Tetracycline," J. Pharmacol. Exp. Ther., 225:595-598, 1983.

Nakamura, Y., Haffty, B.G., Long, R.A., Hull, J.H., Starbuck, R.R., Spodick, D.H.: "Erythryl Tetranitrate Compared with Isosorbide Dinitrate: Effects on Systolic Time Intervals and Nitrate Modification of Effects on Food," Pharmacotherapy, 3:230-234, 1983.

Hochstrasser, D.F., Fleck, R.J., Hull, J.H., Sarubbi, F.A.: "A Pocket Calculator Program for Pharmacokinetic Dosing of Drugs Exhibiting Single Compartment First Order Elimination, and Zero or First Order Absorption," Comput. Biomed. Res., 17:27-37, 1984.

Bustrack, J.A., Katz, J.D., Hull, J.H., Foster, J.R.: "Bioavailability of Digoxin Capsules and Tablets: Effect of Coadministered Fluid Volume," J. Pharm. Sci., 73:1397-1400, 1984.

Johnson, B.F., Bustrack, J.A., Urback, D.R., Hull, J.H., Marwaha, R: "Effect of Metoclopramide on Digoxin Absorption From Tablets and Capsules," Clin. Pharmacol. Therap., 36:724-730, 1984.

Brown, D.D., Schmid, J., Long, R.A., Hull, J.H.: "A Steady-State Evaluation of the Effects of Propantheline Bromide and Cholestyramine on the Bioavailability of Digoxin when Administered as Tablets or Capsules," J. Clin. Pharmacol., 25:360-364, 1985.

Williams, P.J., Hull, J.H., Sarubbi, F.A., Rogers, J.F., Wargin, W.A.: "Factors Associated with Nephrotoxicity and Clinical Outcome in Patients Receiving Amikacin,"

J. Clin. Pharmacol., 26:79-6, 1986.

Heizer, W.D., Pittman, A.W., Hammond, J.E., Fitch, D.D., Bustrack, J.A., Hull, J.H.: "Absorption of Digoxin from Tablets and Capsules in Subjects with Malabsorption Syndromes," The Annals of Pharmacotherapy, 23:764-769, 1989.

Williams, B., Hull, H., McSorley, P., Frosolono, M., Sanders, R.: "Efficacy of Acrivastine + Pseudoephedrine for Symptomatic Relief of Seasonal Allergic Rhinitis Due to Mountain Cedar," Annals of Allergy, Asthma, and Immunology, 76(5): 432-438, 1996.

Ataga, K.I., Reid, M., Ballas, S.K., Yasin, Z., Bigelow, C., St. James, L., Smith, W.R., Galacteros, F., Kutlar, A., Hull, J.H., and Stocker, J.W. for the ICA-17043-10 Study Investigators: "Improvements in Haemolysis and Indicators of Erythrocyte Survival do not Correlate with Acute Vaso-occlusive Crises in Patients with Sickle Cell Disease: a Phase III Randomized, Placebo-controlled, Double-blind Study of the Gardos Channel Blocker Senicapoc (ICA-17043)," British J. Haematol. 153(1): 92-104, 2011.

Hertz D.L., Walko C.M., Bridges A.S., Hull, J.H., Herendeen, J., Rollins, K., Watkins, P.B., Dees, E.C.: "Pilot Study of Rosiglitazone as an In Vivo Probe of Paclitaxel Exposure," Br. J. Clin. Pharmacol., 74 (No. 1): 197-200, (Article 4165), 2012.

Walko, C.M., Combest, A.J., Spasojevic, I., Yu, A.Y., Bhushan, S., Hull, J.H., Hoskins, J, Armstrong, D., Carey, L., Collicio, F., Dees, E.C.: "The Effect of Aprepitant and Race on the Pharmacokinetics of Cyclophosphamide in Breast Cancer Patients," Cancer Chemother. Pharmacol., Epub 2012 (Jan. 15); May: 69(5):1189-1196, 2012.

Ilic, K., Hawke, R.L., Thirumaran, R.K., Schuetz, E.G., Hull, J.H., Kashuba, A.D.M., Stewart, P.W., Lindley, C.M., Chen, M.L.: "The Influence of Sex, Ethnicity, and CYP2B6 Genotype on Bupropion Metabolism as an Index of Hepatic CYP2B6 Activity in Humans," Drug Metabolism and Disposition, 41:575-581, March 2013.

McNeely, E.B., Talameh, J., Adams, K.F., Hull, J.H., Simmons, B., Henry, J., Brouwer, K.L.R., Patterson, J.H.: "Comparison of the Relative Oral Bioavailability of Tolvaptan Administered via Nasogastric Tube to Tolvaptan Tablets Swallowed Intact," Am. J. Hosp. Sys. Pharm., 70:1230-1237 (2013).

Anslie, G.R., Wolf, K.K., Li, Y., Connolly, E.A., Scarlett, Y., V., Hull, J.H., Paine, M.F.: "Assessment of a Candidate Marker Constituent Predictive of a Dietary Substance-Drug Interaction: Case Study with Grape Juice and CYP3A4 Drug Substance," J.P.E.T. (Fast Forward – Online Publication, September 24, 2014 -DOI: 10.1124.jpct.114.216838).

Moore SJ, Blair EA, Steeb DR, Reed BN, Hull JH, Rodgers JE. Impact of video technology on efficiency of pharmacist-provided anticoagulation counseling and patient comprehension. *Ann Pharmacother.* 2015 Jun;49(6):631-8. doi: 10.1177/1060028015575352. Epub 2015 Mar 18. PubMed PMID: 25788517.

### **Other Articles:**

Hull, J.H.: "Third Party Payments," *Carolina J. Pharmacy*, 50:25- 35, 1969.

Co-author: "Drug Evaluation Data," *Drug Intell. Clin. Pharm.*, November, 1971; Rifampin, pp. 364-465; January, 1972; Floxuridine, pp. 25-27.

Hull, J.H.: "Handling the Drug Interaction Problem," *Carolina J. Pharmacy*, 52: 31-33, 1971.

Hull, J.H., Baker, J.A.: "Use of the Computer in Individualizing Drug Dosage Regimens," *J. Clin.Comput.*, 3:295-309, 1974.

Hull, J.H., Brown, H.S., Yarborough, F.F., Murray, W.J.: "Drug Utilization Review Therapeutic Implications and Opportunities," *N. C. Med. Soc. J.*, 36:162-163, 1975.

Sarubbi, F.A. and Hull, J.H.: "Assessment of the Predictability of Amikacin Serum Concentrations," *Current Chemotherapy*, 2:1006- 1009, 1978.

Cato, A.E., Cloutier, G., Hull, J.H., Johnson, J.A., Collins, G.E.: "Innovative Roles for Pharmacists in Industrial Clinical Research," *Clin. Res. Practices and Drug Reg. Affairs*, 4(2):85-100, 1986.

Hull, J.H.: "The Clinical Pharmacist in Drug Research: Challenges for the Pharmacist as a Project Leader for New Drug Development," *Amer. J. Pharm. Educ.*, 50:477-480, 1986.  
Hull, J.H.: "The Project Leader for New Drug Development," *Drug Intell. Clin. Pharm.*, 21:131-134, 1987.

Hertz, D.L., Crona, D.J., Talameh, J., Brantley, S.J., Roode, S.J., Theken, K.N., Hull, J.H.: "Integration of Scientific Writing into an Applied Biostatistics and SAS Programming Course for Pharmaceutical Sciences Graduate Students," Online Publications - SESUG Conference Proceedings (Paper PO-11), October, 2012.

### **Book Chapters:**

Hull, J.H.: "Biopharmaceutics and Pharmacokinetics," Section I of *Self-Assessment of Current Knowledge in Clinical Pharmacy*, ed. P.P. Gerbino, Medical Examination Publishing Company, Inc., Flushing, N.Y., 1974, pp. 11-19.

Hull, J.H., Eckel, F.M.: "The Role of Pharmacist on Ward Rounds as a Drug Therapy



Advisor," Chapter 58, Clinical Pharmacy Sourcebook, Publishing Science Group, Action, Mass., 1976, pp.338-345.

Hull, J.H., Sarubbi, F.A.: 1976 "Clinical Assessment of Pharmacokinetic Parameters in the Surveillance and Design of Gentamicin Therapy," Chapter 18 of Clinical Pharmacy and Clinical Pharmacology, ed. W.A. Gouvia, G. Tognons, and E. Van der Klein, Elsevier-North-Holland Biomedical Press, Amsterdam, The Netherlands, 1976, pp. 249-260.

Hull, J.H., Sawyer, W.T.: "Biopharmaceutics and Pharmaceutics," Section I, Self-assessment of Current Knowledge in Clinical Pharmacy, 2nd ed., Philip P. Gerbino, ed., Medical Examination Publishing Company, Inc., Flushing, N.Y., 1978, pp. 11-32.

Pattishall, E.N., Hull, J. H.: "Evaluating Clinical Trials," Respiratory Diseases in Children:Diagnosis and Management, Loughlin GM, Eigen H, eds. Williams & Wilkins, 1994, pp. 713-719.

#### **Abstracts, Letters, and Book Reviews:**

(ABSTRACT) Hull, J.H., Sarubbi, F.A.: "Computer-Assisted Surveillance of Serum Gentamicin Levels," Clin. Res., 23:51A, 1975.

(BOOK REVIEW) Clinical Pharmacokinetics, ed. by G. E. Levy, in Am. J. Hosp. Pharm., 32:528-533, 1975.

(BOOK REVIEW) The Effect of Disease States on Drug Pharmacokinetics, ed. by L. Z. Benet, in Am. J. Hosp. Pharm., 34:992-995, 1977.

(ABSTRACT) Pittman, A.W., Hull, J.H.: "Assessment of Guanethidine Loading and Maintenance Dose Selection Using Renal Function," Preventive Med., 8:210, 1979.

(LETTER) Wenger, T.L., Hull, J.H.: "Aspirin Dosage For Cardiovascular Effects," New Engl. J. Med., 303:1121, 1980.

(ABSTRACT) Bustrack, J.A., Katz, J.D., Hull, J.H., Foster, J.R., Christenson, R.H., Hammond, J.E.: "Effect of Fluid Volume on Bioavailability of Digoxin Tablets and Capsules," Drug Intell. Clin. Pharm., 15:477, 1981.

(ABSTRACT) Christenson, R.H., Hammond, J.E., Johnson, B.F., Hull, J.H., Bustrack, J.A.: "Measurement of Digoxin in Urine," Clin. Chem., 27:1088, 1981.

(ABSTRACT) Rogers, J.F., Findlay, J.W.A., Welch, R.M., Butz, R.F., Bustrack, J.A., Hull, J.H.: "Codeine Bioavailability and Metabolism in Smokers and Nonsmokers," (Abstract), Clin. Pharm. Therap., 29:277, 1981.

(ABSTRACT) Bowdre, J.H., Hull, J.H., Cocchetto, D.M.: "Superior in vivo Efficacy of

Tetracycline Against Vibrio Vulnificus in a Mouse Model," Abstracts of the Annual Meeting of the American Society for Microbiology, A-24, 1982.

(ABSTRACT) Hull, J.H., Fleck, R.F., Bustrack, J.A., Wargin, W.A. "SAS-NLIN, A Simple But Effective Alternative to NONLIN," Drug Intell. Clin. Pharm., 16:469-(June), 1982.

(ABSTRACT) Williams, P.J., Hull, J.H., Sarubbi, F.A., Rogers, J.F., Wargin, W.A.: "Factors Associated with Clinical Outcome in Patients Receiving Amikacin," Drug Intell. Clin. Pharm., 16:469- (June), 1982.

(ABSTRACT) Harris, W.A., Findlay, J.W.A., Cloutier, G., Butz, R., Hull, J.H., DeAngelis, D., Cato, A.E., Welch, R.M.: "Relative Bioavailability of Different Codeine Formulations," Drug Intell. Clin. Pharm., 16:469-(June), 1982.

(ABSTRACT) Johnson, B.F., Bustrack, J.A., Urbach, D.R., Hull, J.H., Marwaha, R.A.: "Influence of Metoclopramide on Digoxin Absorption from Tablets and Capsules," IUPHAR 9th International Congress of Pharmacology Proceedings, May 1984.

(ABSTRACT) Cato, A.E., Cloutier, G., Hull, J.H., Johnson, J.A., Collins, G.E.: "Innovative Roles for Pharmacists in Industrial Clinical Research." Proceedings of the 44th International Congress Federation Internationale Pharmaceutique, Budapest Hungary, September, 1984.

(ABSTRACT) Young, J.B., Gheorghide, M., Packer, M., Uretsky, B., Hull, J. H. "Are Low Serum Levels of Digoxin Effective in Chronic Heart Failure?" JACC. 21; 1993: 378A.

(ABSTRACT) Bass A., Caughey M., Hull J.H., Stouffer G., Hinderliter A.L., Lee C.R.: "Phenotypic Characterization of Endothelial Function in Individuals with Established Atherosclerosis Using Two Non-invasive Methods. Presented at the 2008 American College of Clinical Pharmacy Annual Meeting, October, 2008.

(ABSTRACT) Walko C.M., Yu A.Y., Bhushan S., Spasojevic I, Hull J.H., Carey L. Collichio F., Armstrong D, Dees C.: Aprepitant's Effect on Cyclophosphamide in Early Breast Cancer Patients: Evaluation of Pharmacokinetics. (Poster Presentation) American Society of Clinical Oncology Annual Meeting, May, 2009.

(ABSTRACT) Walsh, M.D., Combest, A.J., Hull, J.H., Dvorak, A., Hoskins, J.M., Dees, E.C., McLeod, H.L., Walko, C.M.: "Effect of Race on Cyclophosphamide (CP) Metabolism," Abstract #53245, ASCO Annual Meeting, 2010.

(ABSTRACT) Hertz, D.L., Crona, D.J., Talameh, J., Brantley, S.J., Roode, S.J., Theken, K.N., Hull, J.H.: "Integration of Scientific Writing into an Applied Biostatistics and SAS Programming Course for Pharmaceutical Sciences Graduate Students," (PO-11), SESUG Conference, October 12-14, 2012.

(ABSTRACT) McNeely, E.B., Hull, J.H., Adams, K.F., Talameh, J., Simmons, B., Henry, J., Brouwer, K.L.R., Patterson, J.H.: “Comparison of the Relative Oral Bioavailability of Tolvaptan Administered via Nasogastric Tube to Tolvaptan Tablets Swallowed Intact,” *Pharmacotherapy*, 32 (No. 5): e114, 2012.

(ABSTRACT) Moore, S., Blair, E., Steeb, D., Read, B., Crisp, B., Patil, N., Hull, J.H., Rogers, J.R.: “Use of Video Technology to Improve Pharmacist Efficiency and Patient Comprehension of Anticoagulation Education,” ACCP Annual Meeting, (December) 2013.

(ABSTRACT) Campbell-Bright, S., Fixen, C., Gammal, R., Walko, C., Hull, J.H., Sullivan, K., “Retrospective Assessment of Therapeutic Voriconazole Concentrations Comparing Two Dosing Strategies,” Am J. Health-Syst Pharm Annual Meeting (December) 2013.

**PAPERS AND INVITED PRESENTATIONS: (available on request)**