

**16.1.4 List and Description of Investigators and Other Important
Participants in the Study, Including Curricula Vitae**
See Section 6.

16.1.4.1 Form FDA 1572
Not applicable.

16.1.4.2 Curricula Vitae: Investigators

H. Frank Farmer, Jr., MD, PhD, CPI (19 January 2010)

CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

CURRENT POSITION

Title: Medical Director
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Daytona Beach, Florida

EDUCATION

MD, Medical College of Georgia, Augusta, Georgia, 1976
PhD, History, University of Georgia, Athens, Georgia, 1969
MA, History, University of Georgia, Athens, Georgia, 1965
BA, History, Stetson University, DeLand, Florida 1964

Licensure

Medical Doctor, State of Florida, License No. ME30591

Certifications

Certified Physician Investigator, Academy of Pharmaceutical Physicians and Investigators,
Alexandria, Virginia, 2004, 2007
Advanced Trauma Life Support, Shands Hospital, Jacksonville, Florida, 2003, 2007
Advanced Cardiac Life Support, American Heart Association, Daytona Beach, Florida, 2004, 2006,
2008
Medical Review Officer, American Association of Medical Review Officers, 2001, 2006
Diplomat, American Board of Internal Medicine, 1981
Basic Life Support, 2008

Additional Training

Residency, University Hospital, Jacksonville, Florida, 1977-1980
Internship, Halifax Hospital, Daytona Beach, Florida, 1976-1977
Introduction to Signature Client Service, Covance Inc., Daytona Beach, Florida, 2007
Core Content for Certification, DIA Certified Clinical Investigator Program, 2004
University of Maryland Shock Trauma Center, Military Reserves

CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

PROFESSIONAL EXPERIENCE

Jan. 2010 – Present: Florida Board of Medicine

Serving on Florida's Board of Medicine, Dr. Farmer will be promoting medical safety for the state of Florida.

Jan. 2005 – Jan. 2009: Member of the Board of Medicine

Jan. 2007 – Jan. 2009: Chairman to the Board of Medicine

2004 – Present: Medical Director, Clinical Pharmacology, Covance CRU Inc.

As Medical Director, Dr. Farmer is responsible for providing medical coverage for the CRU in Daytona Beach and for assuring the health and welfare of volunteers at all times. He is responsible for performing medical procedures and providing guidance, support, and supervision to staff involved in the treatment of subjects. He serves as Principal Investigator for all studies conducted at the site and ensures compliance with all applicable regulations.

2004 – Present: Laboratory Director, Covance CRU Inc., Daytona Beach, Florida

1992 – 2004: Private Practice Physician, East Volusia Internal Medicine Association, Ormond Beach, Florida

1996 – 2000: President, Endeavor Medical Group, Daytona Beach, Florida

1991 – 1992: Medical Director, Blue Cross Blue Shield of Florida, Jacksonville, Florida

1980 – 1990: Private Practice Physician, New Smyrna Beach, Florida

1971 – 1972: Professor of History, Georgia Southwestern College, Georgia

1968 – 1969: Professor of History, Georgia Southwestern College, Georgia

(b) (6)



CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

(b) (6)



PROFESSIONAL MEMBERSHIPS

Editor, *The Internist*, American College of Physicians, Florida Chapter, 2005 - Present
Board of Medicine, Chairman, 2006-2007
Board of Medicine, Member, State of Florida, 2004 - 2008
Military Service Academy Selection Advisory Committee - appointed by Representative John Mica, 2002-Present
Military Service Academy Selection Advisory Committee - appointed by Representative Ander Crenshaw, 2000 - 2002
Judicial Nominating Committee - appointed by Governor Jeb Bush, Seventh Judicial Circuit, 1998 - 2002
Board of Governors, Florida Chapter, American College of Physicians, Florida Society of Internal Medicine, 1996-2002, 2005 - Present
Florida Medical Association, President, 2001
Florida Medical Association, Historical Editor, 1990-1995
Florida Medical Association, Board of Governors, 1994-1998
Volusia County Medical Association, President, 1989
Medical College of Georgia, Medical Class President, 1972-1976

AWARDS AND HONORS

(b) (6)



(b) (6)



CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI


Signature

19 JAN 2010
Date

H. Frank Farmer, Jr., MD, PhD, CPI (24 October 2007)

CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

CURRENT POSITION

Title: Medical Director
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Daytona Beach, Florida

EDUCATION

MD, Medical College of Georgia, Augusta, Georgia, 1976
PhD, History, University of Georgia, Athens, Georgia, 1969
MA, History, University of Georgia, Athens, Georgia, 1965
BA, History, Stetson University, DeLand, Florida 1964

Licensure

Medical Doctor, State of Florida, License No. MB30591

Certifications

Certified Physician Investigator, Academy of Pharmaceutical Physicians and Investigators,
Alexandria, Virginia, 2004, 2007
Advanced Trauma Life Support, Shands Hospital, Jacksonville, Florida, 2003, 2007
Advanced Cardiac Life Support, American Heart Association, Daytona Beach, Florida, 2003, 2007
Medical Review Officer, American Association of Medical Review Officers, 2001, 2006
Diplomat, American Board of Internal Medicine, 1981

Additional Training

Residency, University Hospital, Jacksonville, Florida, 1977-1980
Internship, Halifax Hospital, Daytona Beach, Florida, 1976-1977
Introduction to Signature Client Service, Covance Inc., Daytona Beach, Florida, 2007
Core Content for Certification, DIA Certified Clinical Investigator Program, 2004
University of Maryland Shock Trauma Center, Military Reserves

CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

PROFESSIONAL EXPERIENCE

2004 – Present: Medical Director, Clinical Pharmacology, Covance CRU Inc.

As Medical Director, Dr. Farmer is responsible for providing medical coverage for the CRU in Daytona Beach and for assuring the health and welfare of volunteers at all times. H is responsible for performing medical procedures and providing guidance, support, and supervision to staff involved in the treatment of subjects. He serves as Principal Investigator for all studies conducted at the site and ensures compliance with all applicable regulations.

2004 – Present: Laboratory Director, Covance CRU Inc., Daytona Beach, Florida

1992 – 2004: Private Practice Physician, East Volusia Internal Medicine Association, Ormond Beach, Florida

1996 – 2000: President, Endeavor Medical Group, Daytona Beach, Florida

1991 – 1992: Medical Director, Blue Cross Blue Shield of Florida, Jacksonville, Florida

1980 – 1990: Private Practice Physician, New Smyrna Beach, Florida

(b) (6)



CURRICULUM VITAE: H. FRANK FARMER, JR, MD, PHD, CPI

PROFESSIONAL MEMBERSHIPS

Editor, *The Internist*, American College of Physicians, Florida Chapter, 2005 - Present
Board of Medicine, Chairman, 2006-2007
Board of Medicine, Member, State of Florida, 2004 - Present
Military Service Academy Selection Advisory Committee - appointed by Representative John Mica, 2002-Present
Military Service Academy Selection Advisory Committee - appointed by Representative Ander Crenshaw, 2000 - 2002
Judicial Nominating Committee - appointed by Governor Jeb Bush, Seventh Judicial Circuit, 1998 - 2002
Board of Governors, Florida Chapter, American College of Physicians, Florida Society of Internal Medicine, 1996-2002, 2005 - Present
Florida Medical Association, President, 2001
Florida Medical Association, Historical Editor, 1990-1995
Florida Medical Association, Board of Governors, 1994-1998
Volusia County Medical Association, President, 1989
Medical College of Georgia, Medical Class President, 1972-1976

AWARDS AND HONORS

(b) (6)



(b) (6)



Signature



Date

24 Oct 2007

Hugh A. Coleman, DO (11 January 2010)

CURRICULUM VITAE: HUGH A COLEMAN, D.O.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Daytona Beach, Florida

EDUCATION

D.O. Degree, College of Osteopathic Medicine of the Pacific (C.O.M.P.)
B.A. Degree, University of California, Santa Barbara, CA

Licensure

Osteopathic Physician, State of Florida,
License No OS 7503

Certifications

Advanced Cardiac Life Support, American Heart Association, 2008
Basic Life Support Certification, American Heart Association, 2008
Certified Clinical Densitometrist, ISCD, 2005
Certified Aviation Medical Examiner, 2003
Board Certified in Family Practice, AOBFP, 2009
State of Florida, Osteopathic Physician, License Number OS7503, 1997
Workman's Compensation Examiner Certification, 1997

Additional Training

Residency: Wellington Regional Medical Center, West Palm Beach, FL, 1997 – 1999
Internship: Wellington Regional Medical Center, West Palm Beach, FL, 1996 – 1997

PROFESSIONAL EXPERIENCE

2003 - Present: Clinical Investigator, Covance Clinical Research Unit Inc., Daytona Beach, FL

As a Principal Investigator and Subinvestigator, Dr. Coleman is responsible for providing medical coverage for the Covance Clinical Research Unit on an as-needed basis and in the Medical Director's absence, and for assuring the health and welfare of volunteers at all times before, during and after involvement in Covance Clinical Research Unit studies. He is responsible for performing medical procedures including dose administration, and providing support and guidance to staff involved in the care of subjects.

CURRICULUM VITAE: HUGH A COLEMAN, D.O.

PROFESSIONAL EXPERIENCE (Continued)

2001 – present: Family Practice Physician, Hugh A. Coleman, DO, P.A., Ormond Beach, FL

2001 – 2002: Medical Director, Oaktree Healthcare, South Daytona, FL

2001 – 2002: Asst. Medical Director, Avante at Ormond Beach, Ormond Beach, FL

2001 – 2001: Associate Physician, Quick Care, Port Orange, FL

1999 – 2001: Associate Physician, Ormond Medical Arts, Ormond Beach, FL

1998 – 1999: Part Time Associate Physician, Physician's Walk-In Medical Center, Delray Beach, FL

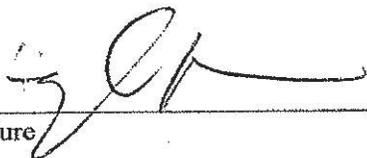
1999 – 1999: Part Time Associate Physician, Healthfirst, Lake Worth, FL

1997 – 1999: Part Time Associate Physician, Dr. David Simon, Family Practice Residency Clinic, Lake Worth, FL

PROFESSIONAL MEMBERSHIPS

American Osteopathic Association (AOA)
Florida Osteopathic Medical Association (FOMA)
American Academy of Osteopathic Family Physicians (ACOFP)

Signature



Date

17 JAN 2010

Hugh A. Coleman, DO (11 February 2008)

CURRICULUM VITAE: HUGH A COLEMAN, D.O.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Daytona Beach, Florida

EDUCATION

D.O. Degree, College of Osteopathic Medicine of the Pacific (C.O.M.P.)
B.A. Degree, University of California, Santa Barbara, CA

Licensure

Osteopathic Physician, State of Florida,
License No OS 7503

Certifications

Advanced Cardiac Life Support, American Heart Association, 2008
Basic Life Support Certification, American Heart Association, 2006
Certified Clinical Densitometrist, ISCD, 2005
Certified Aviation Medical Examiner, 2003
Board Certified in Family Practice, AOBFP, 2000
State of Florida, Osteopathic Physician, License Number OS7503, 1997
Workman's Compensation Examiner Certification, 1997

Additional Training

Residency: Wellington Regional Medical Center, West Palm Beach, FL, 1997 – 1999
Internship: Wellington Regional Medical Center, West Palm Beach, FL, 1996 – 1997

PROFESSIONAL EXPERIENCE

2003 - Present: Clinical Investigator, Covance Clinical Research Unit Inc., Daytona Beach, FL

As a Principal Investigator and Subinvestigator, Dr. Coleman is responsible for providing medical coverage for the Covance Clinical Research Unit on an as-needed basis and in the Medical Director's absence, and for assuring the health and welfare of volunteers at all times before, during and after involvement in Covance Clinical Research Unit studies. He is responsible for performing medical procedures including dose administration, and providing support and guidance to staff involved in the care of subjects.

CURRICULUM VITAE: HUGH A COLEMAN, D.O.

PROFESSIONAL EXPERIENCE (Continued)

2001 – present: Family Practice Physician, Hugh A. Coleman, DO, P.A., Ormond Beach, FL

2001 – 2002: Medical Director, Oaktree Healthcare, South Daytona, FL

2001 – 2002: Asst. Medical Director, Avante at Ormond Beach, Ormond Beach, FL

2001 – 2001: Associate Physician, Quick Care, Port Orange, FL

1999 – 2001: Associate Physician, Ormond Medical Arts, Ormond Beach, FL

1998 – 1999: Part Time Associate Physician, Physician's Walk-In Medical Center, Delray Beach, FL

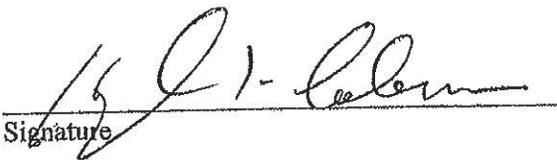
1999 – 1999: Part Time Associate Physician, Healthfirst, Lake Worth, FL

1997 – 1999: Part Time Associate Physician, Dr. David Simon, Family Practice Residency Clinic, Lake Worth, FL

PROFESSIONAL MEMBERSHIPS

American Osteopathic Association (AOA)
Florida Osteopathic Medical Association (FOMA)
American Academy of Osteopathic Family Physicians (ACOFP)

Signature



Date

20 Feb 2008

Maria de Jesus Tillan, MD (1 February 2008)

CURRICULUM VITAE: MARIA DE JESUS TILLAN, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Daytona Beach, Florida

EDUCATION

MD, University of Florida, College of Medicine, Gainesville, FL, 1986-1990
BS, Biology, University of Miami, Coral Gables, FL, 1984-1986
AA, Miami Dade Community College, Miami, FL 1982-1984

Licensure

Florida Medical License #ME 89919
South Dakota Medical License #3743
Kentucky Medical License #39858

Certifications

Board Certified in Internal Medicine, 1993
Florida Medical License #ME 89919
South Dakota Medical License #3743
Kentucky Medical License #39858

Additional Training

Fellowship, Infectious Diseases, University of Louisville, Louisville, KY, 2005-2006
Fellowship, Infectious Diseases, University of Florida, Gainesville, FL, 2003-2004
Residency, University of Florida, Internal Medicine, Jacksonville, FL, 1990-1993

CURRICULUM VITAE: MARIA DE JESUS TILLAN, M.D.

PROFESSIONAL EXPERIENCE

2008-Present: Physician, Covance Clinical Research Unit, Daytona Beach, FL

Dr. Tillan provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, she is responsible for assuring the health and welfare of participants, for performing medical procedures, for proper conduct of the study trial, and for trial related medical decisions.

2007-2008: Physician, Covance Clinical Research Unit Inc., Gainesville, FL

Dr. Tillan provided medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator. Dr. Tillan was responsible for assuring the health and welfare of participants, for performing medical procedures, for ensuring proper conduct of the study trial, and for all trial related medical decisions.

2006: Medical Director, Rainbow Clinic, Jacksonville, FL

1993-2003: Assistant Professor, Department of Internal Medicine, Private Practice, Rapid City, SD

1991-1993: Pulmonary/Critical Care Consultant, Jacksonville Memorial Hospital, Jacksonville, FL

PROFESSIONAL MEMBERSHIPS

Infectious Diseases Society of America
American Medical Association



Signature

27 Feb 2008

Date

David B. Subich, MD, CPI (11 January 2010)

CURRICULUM VITAE: DAVID C. SUBICH, M.D. CPI

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU, Inc.
Daytona Beach, Florida

EDUCATION

MD, University of Toledo, College of Medicine, Toledo, Ohio, 1982
BS, Otterbein College, Westerville, Ohio 1976

Licensure

Medical Doctor, State of Florida, License No. ME101639
Medical Doctor, State of Ohio, License No 35-049208

Certifications

Certified Physician Investigator, Academy of Pharmaceutical Physicians and Investigators, 2009
Certified in Clinical Bone Densitometry, ISCD, 2005
Advanced Trauma Life Support, American College of Surgeons, 2006
Basic Life Support Certification, Pro First Aid, 2009
Advanced Cardiac Life Support, American Heart Association, 2009

Additional Training

Residency, Internal Medicine, Cleveland Clinic Foundation, Cleveland Ohio 1983-1985
Internship, Internal Medicine, Baylor College of Medicine, Houston, Texas 1982-1983
Fellowship, Cardiology, Cleveland Clinic Foundation, Cleveland, Ohio 1985

CURRICULUM VITAE: DAVID C. SUBICH, M.D. CPI

PROFESSIONAL EXPERIENCE

2009 - Present: Clinical Investigator, Clinical Pharmacology, Covance Clinical Research Unit Inc, Daytona Beach, FL.

Dr. Subich provides medical coverage for the Covance Clinical Research Unit. As Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants, For performing medical procedures, for proper conduct of the study trial, and for trial related Medical decisions.

Feb2009- April 2009, Hospitalist , Kindred Hospital, Dayton, Ohio.

2008-2009: Senior Director, INC Research, Inc.

1999-2008: Principal Investigator, North Central Research, Mansfield, Ohio

2008-2008: Hospitalist, Apogee Hospital, Barberton, Ohio:

2002-2007: Medical Director, ECP of NCO, LLC, Mansfield, Ohio

1985-2007; Physician, President, North Central Ohio Clinic, Inc.

AWARDS AND HONORS

"All Star Preceptor", Ohio State Clinical Rotations 2005-2006
Top 100 Physicians for 2008

PROFESSIONAL MEMBERSHIPS

American College of Physicians
Christian Medical and Dental Associations
Academy of Pharmaceutical Physicians and Investigators

David C. Subich, M.D., CPI
Signature

15 Jan 2010
Date

David B. Subich, MD, CPI (28 April 2009)

CURRICULUM VITAE: DAVID C. SUBICH, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU, Inc.
Daytona Beach, Florida

EDUCATION

MD, University of Toledo, College of Medicine, Toledo, Ohio, 1982
BS, Otterbein College, Westerville, Ohio 1976

Licensure

Medical Doctor, State of Florida, License No. ME101639
Medical Doctor, State of Ohio, License No 35-049208

Certifications

Certified in Clinical Bone Densitometry, ISCD, 2005
Advanced Trauma Life Support, American College of Surgeons, 2006
Basic Life Support Certification, Pro First Aid, 2009
Advanced Cardiac Life Support, American Heart Association, 2009

Additional Training

Residency, Internal Medicine, Cleveland Clinic Foundation, Cleveland Ohio 1983-1985
Internship, Internal Medicine, Baylor College of Medicine, Houston, Texas 1982-1983
Fellowship, Cardiology, Cleveland Clinic Foundation, Cleveland, Ohio 1985

CURRICULUM VITAE: DAVID C. SUBICH, M.D.

PROFESSIONAL EXPERIENCE

2009 - Present: Clinical Investigator, *Clinical Pharmacology, Covance Clinical Research Unit Inc, Daytona Beach, FL.*

Dr .Subich provides medical coverage for the Covance Clinical Research Unit. As Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants, For performing medical procedures, for proper conduct of the study trial, and for trial related Medical decisions.

Feb2009- April 2009, Hospitalist , Kindred Hospital, Dayton, Ohio,

2008-2009: Senior Director, INC Research, Inc.

1999-2008: Principal Investigator, North Central Research, Mansfield, Ohio

2008-2008: Hospitalist, Apogee Hospital, Barberton, Ohio:

2002-2007: Medical Director, ECP of NCO, LLC, Mansfield, Ohio

1985-2007: Physician, President, North Central Ohio Clinic, Inc.

AWARDS AND HONORS

“All Star Preceptor”, Ohio State Clinical Rotations 2005-2006
Top 100 Physicians for 2008

PROFESSIONAL MEMBERSHIPS

American College of Physicians
Christian Medical and Dental Associations
Academy of Pharmaceutical Physicians and Investigators

David C Subich, M.D

Signature

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Effective: 01 Apr 2007

30 APR 2009
Date

David C. Carter, MD (28 January 2008)

CURRICULUM VITAE: DAVID C. CARTER, MD

CURRENT POSITION

Title: Medical Director / Principal Investigator
Department: Clinical Pharmacology
Covance CRU Inc.
Austin, TX 78752

EDUCATION

1984-1988 MD, Howard University College of Medicine, Washington D.C.
1973-1977 B.A. Psychology, Louisiana State University, Baton Rouge, Louisiana

CERTIFICATIONS

1991-Present Board Certified; American Board of Family Medicine
2006 Certified Physician Investigator, (b) (6)
Licensure: Texas State Board of Medical Examiners (b) (6)
2007 Advanced Cardiac Life Support, American Heart Association

ADDITIONAL TRAINING

1988-1991 Internship/Residency: Brakenridge Hospital/Blackstock Family Health
Center, Austin, TX
2006 NIH Certified: Human Participants Protection Education for Research Teams

PROFESSIONAL EXPERIENCE

06/2006-present Medical Director, Clinical Pharmacology, Covance CRU Inc.

Dr Carter provides supervision and direction to the physicians of the Covance CRU Inc. in Austin, TX. He ensures proper medical coverage from the physicians to cover the medical safety to the unit during all hours of operation. Interfaces with the medical staff and clients to ensure proper study designs and notification of serious adverse events to the sponsors.

06/2006-present Principal and Sub-Investigator, Clinical Pharmacology, Covance CRU Inc.

Dr. Carter is responsible for assuring the health and welfare of volunteers at all times before, during and after involvement in studies. He is responsible for performing medical procedures, including dose administration, and

CURRICULUM VITAE: DAVID C. CARTER, MD

PROFESSIONAL EXPERIENCE (Cont.)

providing support, guidance and supervision to staff involved in the care of Covance CRU Inc. subjects. As Principal Investigator, his work is consistent with good clinical practices and the applicable laws and regulations.

09/2004-06/2006 Medical Director, Radiant Research, Austin, TX

Dr Carter provided supervision and direction to the physicians of the Radiant Research Unit in Austin, TX.. He ensured proper medical coverage from the physicians to cover the medical safety to the unit during all hours of operation. Interfaced with the medical staff and clients to ensure proper study designs and notification of serious adverse events to the sponsors.

1991-06/2006 Principal and Sub-Investigator, Radiant Research, Austin, TX

Dr. Carter was responsible for assuring the health and welfare of volunteers at all times before, during and after involvement in studies. He was responsible for performing medical procedures, including dose administration, and providing support, guidance and supervision to staff involved in the care of Radiant Research Unit subjects. As Principal Investigator, his work was consistent with good clinical practices and the applicable laws and regulations.

10/1991-05/2001 Family Physician, Austin Diagnostic Clinic, Austin, TX

09/1991-1996 Part-time Family Physician Faculty, Blackstock Family Health Center, Austin

05/2001-08/2004 Family Physician, South Austin Medical Clinic, Austin, TX

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

Texas Medical Association, 1991-present

Travis County Medical Society, 1991-present

American Academy of Family Physicians, 1988-present

Texas Academy of Family Physicians Commission on Legislative and Public Policy, 1999-2001



Signature

29 Jan 2008

Date

Jennifer A. Arnevilla, MD (12 February 2008)

CURRICULUM VITAE: JENNIFER A. ARNECILLA, MD

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Austin, TX

EDUCATION

M.D., University of Illinois – Chicago College of Medicine, Chicago, Illinois, 1995
Undergraduate, B.A., Biology –University of Chicago, Chicago, Illinois, 1991

Certifications

July 2007 Certified: American Board of Family Practice
Licensure: Texas State Board of Medical Examiner's (b) (6)

Additional Training

07/1998 – 04/1999 Fellowship – Faculty Development Center, Waco, Texas
07/1996 – 06/1998 Residency – Family Practice, Central Texas Medical Foundation,
Austin, Texas
07/1995 – 07/1996 Internship – Family Practice, Cen. TX Med. Foundation, Austin, Texas

PROFESSIONAL EXPERIENCE

01/2005- Current Sub-Investigator, Clinical Pharmacology, Covance CRU Inc.

Dr. Arnequilla is responsible for assuring the health and welfare of volunteers at all times before, during and after involvement in studies. She is responsible for performing medical procedures, including dose administration, and providing support, guidance and supervision to staff involved in the care of Covance CRU Inc. subjects. As Sub investigator, her work is consistent with good clinical practices and the applicable laws and regulations.

04/2003 – Current Medical Doctor, Austin's Friendly Family Medicine, Austin, Texas

Dr. Arnequilla is the sole proprietor of a private family practice. She is directly responsible for the medical decisions for the patients under her care.

09/1999 – 04/2003 Clinical Director, Blackstock Family Practice Academic Associates, Austin, Texas

CURRICULUM VITAE: JENNIFER A. ARNECILLA, MD

PROFESSIONAL EXPERIENCE (Cont.)

11/1999-04/2003 Clinical Physician, Blackstock Family Practice Academic Associates, Austin, Texas.

07/1998-06/1999 Junior Faculty, Central Texas Medical Foundation, Family Practice Residency Program, Austin, Texas.

07/1998-11/1999 Central Physician, Faculty Clinic, Austin, Texas.

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Medical Association
American Academy of Family Physicians
Texas Academy of Family Physicians
Texas Medical Association
Travis County Medical Society
Gay & Lesbian Medical Association
Medical Group Management Association

Signature



Date

15Feb2008

T. Alex King, MD (29 May 2008)

CURRICULUM VITAE: T. ALEX KING, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Austin, TX 78752

EDUCATION

1996-1999 Family Practice Residency, University of Texas Southwestern Medical Center
Parkland Memorial Hospital, Dallas, Texas

1992-1996 Doctor of Medicine, University of Texas Southwestern Medical School
Dallas, Texas

1989-1992 Bachelor of Arts (Magnum Cum Laude) Biology, Austin College
Sherman, Texas

1987-1989 University of Texas at Austin, Plan II (Liberal Arts Honors Program)

CERTIFICATIONS

2006 American Board of Family Medicine

1999 American Board of Family Medicine

Licensure: Texas State Board of Medical Examiners (b) (6)

PROFESSIONAL EXPERIENCE

05/2008-Present Physician (Sub-Investigator), Clinical Pharmacology, Covance CRU Inc.

Dr. King is responsible for assuring the health and welfare of volunteers at all times before, during and after involvement in studies. He is responsible for performing medical procedures, including dose administration, and providing support, guidance and supervision to staff involved in the care of Covance CRU Inc. subjects. As a Physician his work is consistent with good clinical practices and the applicable laws and regulations.

1999-Present Assistant Professor, UT Southwestern Medical Center, Department of Family Practice and Community Medicine, Dallas, Texas

CURRICULUM VITAE: T. ALEX KING, M.D.

PUBLICATIONS

King TA. Skin Papule (Basal Cell Carcinoma). In: Rakel (ed). Essential Family Medicine, 3rd edition, Saunders Elsevier, Philadelphia, PA: 2006.

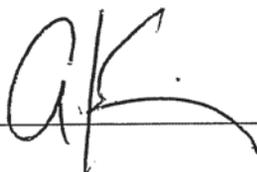
PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Academy of Family Physicians
Texas Academy of Family Physicians
Alpha Chi (University of Texas and Austin College)
Beta Beta Beta (Austin College)

AWARDS AND HONORS

Dean's List all semesters at Austin College
M.D. "Bud" Bryant Biology Scholarship Recipient Austin College
Dr. Bryan Williams Scholar UTSW Medical School

Signature



Date

29 May 2008

Dora L. Salazar, MD (31 January 2008)

CURRICULUM VITAE: DORA L. SALAZAR, MD

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance CRU Inc.
Austin, TX

EDUCATION

MD: University of Texas, Medical Branch, Galveston, TX, 1979-1984

Undergraduate BS, Pharmacy (with High Honors), University of Texas, College of Pharmacy,
Austin, Texas, 1975-1979

Southwest Texas State University, San Marcos, TX, 1974-1975, (No degree obtained)

Certifications

2004 Basic Life Support, American Heart Association
1987 American Board of Family Practice (Recertification 1994, 2001)
1996 Advanced Trauma Life Support
Licensure: Texas State Board of Medical Examiners (b) (6)
1985 Texas State Board of Pharmacy (b) (6) Issued 1979 – Inactive

Additional Training

1984 – 1987 Residency: Central Texas Medical Foundation, Brackenridge Hospital,
Austin, TX

PROFESSIONAL EXPERIENCE

04/2006- Current Sub Investigator, Clinical Pharmacology, Covance CRU Inc.

Dr. Salazar is responsible for assuring the health and welfare of volunteers at all times before, during and after involvement in studies. She is responsible for performing medical procedures, including dose administration, and providing support, guidance and supervision to staff involved in the care of Covance CRU Inc. subjects. As Sub investigator, her work is consistent with good clinical practices and the applicable laws and regulations.

1993 – Present Sole Proprietor, ALPHA HealthCare Clinic, Austin, Texas
1999 – 2002 Sub-Investigator Phase III Trials, Clinical Studies of Pain Medication,
Independent Contract Staff, Scirex, Austin, Texas
1994 – 1999 Part-time Family & Occupational Medicine, St. David's Medicenters,
Austin, Texas
1992 – 1996 Locum Emergency Room Services, Emcare Physician Services

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CURRICULUM VITAE: DORA L. SALAZAR, MD

PROFESSIONAL EXPERIENCE (Cont.)

1993 – 1993 Contract Staff, Family & Occupational Medicine, Oak Hill Minor
Emergency Clinic

1987 – 1992 Medical Director, Gen. Medicine & Admin., Travis State School, Austin,
Texas

1980 – 1984 Part-time Staff Pharmacist, University of Texas Medical Branch Hospitals,
Galveston, Texas

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

2000 – 2006 Texas Medical Association: Council on Health Service Organizations

1997 – Present Texas Medical Association: Delegate Travis County

1997 – 2002 Mediation Committee Chair, Travis County Medical Society

1993 – 2006 Texas Medical Association

1993 – 1996 Texas Medical Association: Governing Council Young Physicians
Section

1992 – 1996 Texas Medical Association: Committee Substance Abuse & Addictive
Diseases

1992 – 1994 American Medical Association: Delegate Young Physicians Section

1985 – 1994 American Medical Association

1985 - 1987 American Medical Association: Delegate Resident Physicians Section

HOSPITAL AFFILIATIONS

2007 - 2008 St. David's Medical Center, Austin, TX – Chair, Family Practice
Department

1997 – Present St. David's North Austin Medical Center; Seton Medical Center

1996 - 1998 St. David's Medical Center, Austin, TX – Chair, Family Practice
Department

1994 – Present St. David's South Austin Medical Center; Brackenridge Hospital

1993 – Present St. David's Medical Center, Austin, TX


Signature

12 FEB / 2008
Date

Keith Klatt, MD (6 August 2008)

Global Clinical Pharmacology
Covance - Portland
5331 SW Macadam Avenue
Suite 307
Portland, Oregon 97239
Tel: 503/294-7193
Fax: 503/294-0231

CURRICULUM VITAE: KEITH D. KLATT, MD

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Global Clinical Pharmacology
Covance Clinical Research Unit Inc.
5331 SW Macadam Avenue, Suite 307, 322 and 344
Portland, Oregon 97239

EDUCATION

1987 M.D. Degree: University of Texas Health Science Center San Antonio, Texas
1980 B.S. Bioengineering: Texas A&M University College Station, Texas

Training:

1987 Externship-University of Texas Health Science Center (Physical Medicine and Rehabilitation) San Antonio, Texas
1988 Internship-Emanuel Hospital Portland, Oregon
1989 Residency-George Washington University Washington, D.C.

Licensure:

State of Oregon #MD15828
(b) (6)

PROFESSIONAL EXPERIENCE

2006-Present: Physician, Clinical Pharmacology, Global Clinical Pharmacology, Covance CRU Inc.

Dr. Klatt provides medical coverage for the Covance CRU. He is responsible for assuring the health and welfare of participants. Dr. Klatt is also responsible for performing medical procedures, for proper conduct of the study trial and responsible for all trial related medical decisions.

1998-2006: Physician, Radiant Research, Inc., Portland, Oregon

Dr. Klatt provided medical coverage for the research site. He was responsible for assuring the health and welfare of participants. Dr. Klatt was also responsible for performing medical procedures, for proper conduct of the study trial and responsible for all trial related medical decisions.


11 Aug 08

CURRICULUM VITAE: KEITH D KLATT, MD

PROFESSIONAL EXPERIENCE (Cont.)

1997-Present: Administrative Medical Director Gresham Urgent Care Physical Therapy, Gresham, Oregon

Dr. Klatt is the business Administrator for the Physical Therapy Department.

1995-Present: Medical Director/Owner Gresham Urgent Care Gresham, Oregon

Dr. Klatt provides medical coverage and management of Medical Providers for his Urgent Care Clinic

1992-1995: Physician, Columbia Ambulatory Medical Association, Portland Oregon

Provided medical care in Urgent Care Clinic.

1989-1991: General Practice Ambulatory Clinic Annandale, Virginia

Dr. Klatt provided medical treatment on an outpatient basis.

1983-1987: Consulting Engineer for Medical Research

Dr. Klatt conducted testing and development of Biomedical devices for medical research purposes.

PROFESSIONAL AFFILIATIONS

Mount Hood Medical Center
Legacy Portland Hospitals



Signature

11 Aug 08
Date

Fred R. Bradshaw, MD (21 April 2008)

CURRICULUM VITAE: FRED R. BRADSHAW, DO

CURRENT POSITION

Title: Physician
Department: Clinical Operations
Clinical Pharmacology
Covance Clinical Research Unit Inc.
5331 SW Macadam Ave. Ste. 307, 322 and 344
Portland, OR

EDUCATION

DO, Kansas City College of Osteopathic Medicine, Kansas City, MO, 1976
MA, University of Missouri at Kansas City, Kansas City, MO, 1971
BS, Northwest Missouri State University, Kansas City, MO, 1964

Licensure

Doctor of Osteopathic Medicine, State of Oregon, License No. DO 10634
Doctor of Osteopathic Medicine, State of Washington, License No. OP00002013

Certifications

Controlled Substance Registration Certificate, Oregon and Washington, April 2007
ACLS, Oregon, 2007
APLS, Oregon, 2007
CME for AOA and Washington State Osteopathic Medical Board
National Board of Examiners for Osteopathic Physicians and Surgeons Parts I, II, and III, 1977
American Osteopathic Board of Family Practice, 1987-2013

Additional Training

Internship, Kansas City College of Osteopathic Medicine, Kansas City, MO, 1977

PROFESSIONAL EXPERIENCE

2008 - Present: Physician, Clinical Operations, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Bradshaw provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants. Dr. Bradshaw is also responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

CURRICULUM VITAE: FRED R. BRADSHAW, DO

PROFESSIONAL EXPERIENCE (Cont.)

1980 - Present: Physician, Legacy Mt. Hood Medical Center, Gresham, Oregon

Dr. Bradshaw provides medical coverage as a Fast Tract Physician in the Emergency Room of the Hospital.

2005 – Present: Physician, Legacy Good Samaritan Hospital and Medical Center, Portland, Oregon

Dr. Bradshaw provides medical coverage as a Fast Tract Physician for the Hospital.

2005 – Present: Physician, Legacy Salmon Creek Hospital and Medical Center, Vancouver, Washington

Dr. Bradshaw provides medical coverage as a Fast Tract Physician for the Hospital.

PROFESSIONAL MEMBERSHIPS

American Osteopathic Association

Fred R. Bradshaw DO
Signature

19 Apr 2008
Date

Bethany J. Klopfenstein, MD (6 August 2008)

CURRICULUM VITAE: BETHANY J. KLOPFENSTEIN, MD

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Global Clinical Pharmacology
Covance Clinical Research Unit Inc.
5331 SW Macadam Avenue, Suite 307, 322 and 344
Portland, Oregon 97239

EDUCATION

M.D. Degree: Oregon Health Sciences University, Portland, Oregon, 1999

Training:

1999-2001 Residency-Internal Medicine Oregon Health Sciences University Portland, Oregon
2001-2005 Fellowship-Endocrinology Oregon Health Sciences University Portland, Oregon

Undergraduate Education:

1987-1992 B.S. Degree: University of Oregon Eugene, Oregon (Magna Cum Laude)

Licensure:

State of Oregon #MD24362

Certifications:

2002 American Board of Internal Medicine
2005 American Board of Endocrinology & Metabolism

PROFESSIONAL EXPERIENCE

2006-Present: Physician, Clinical Pharmacology, Global Clinical Pharmacology, Covance CRU Inc.

Dr. Klopfenstein provides medical coverage for the Covance CRU. She is responsible for assuring the health and welfare of participants. Dr. Klopfenstein is also responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2005-Present: Assistant Professor, Department of Medicine/Division of Endocrinology, Oregon Health Sciences University, Portland, Oregon

Dr. Klopfenstein teaches medical students, residents, and fellows; outpatient and inpatient care; and involvement in translational and clinical research.

CURRICULUM VITAE: BETHANY J. KLOPFENSTEIN, MD

PROFESSIONAL EXPERIENCE (Cont)

2004-2006: Physician, Radiant Research, Inc., Portland, Oregon

Dr. Klopfenstein provided medical coverage for the site. She was responsible for assuring the health and welfare of participants. Dr. Klopfenstein was also responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2002-Present: Part-time Practice, Internal Medicine/Endocrinology, Oregon Health Sciences University Portland, Oregon

Dr. Klopfenstein has a Clinical Endocrinology practice focusing on care of patients with Type I and Type 2 Diabetes, lipid disorders and obesity.

PROFESSIONAL AFFILIATIONS

The Endocrine Society
American College of Physicians
American Medical Association

PUBLICATIONS

Klopfenstein, B., Samuels, M., Purnell, J., "24-hour Cortisol Production Rates, Free Cortisol, and Intra-abdominal Fat are Elevated in Postmenopausal women but are similar in Premenopausal and Postmenopausal women Taking Hormone Replacement Therapy", Endocrine Society Published Abstracts, P2-282 (2003).

Downes, H., Koop, D.R., Klopfenstein, B., and Lessov, N. "Retention of Nociceptor Responses During Deep Barbiturate Anesthesia in Frogs", Comp. Biochem. Physiol. C Pharmacol. Toxicol. Endocrinol. 124:203-10 (1999)

French, S.W., Morimoto, M., Reitz, R.C., Koop, D., Klopfenstein, B., Estes, K., Clot, P., Ingelman-Sundberg, M., and Albano, E. "Lipid Peroxidation, CYP2E1, and Arachidonic Acid Metabolism in Alcoholic Liver Disease in Rats", J. Nutr., 127:907S-911S (1997)

Koop, D.R., Klopfenstein, B.J., Iimuro, T., and Thurman, R.G. "Gadolinium Chloride Blocks Alcohol-Dependent Liver Toxicity in Rats Treated Chronically with Intra-gastric Alcohol Despite the Induction of CYP2E1", Mol. Pharmacol. 51:944-950 (1997)

CURRICULUM VITAE: BETHANY J. KLOPFENSTEIN, MD

PUBLICATIONS (Cont.)

Neff, G.A., Zeppenfeld, A.C., Klopfenstein, B.J., and Page, C.J. "Self-Assembly of Oriented Metal Bisphosphonate Multilayers with Potential Nonlinear Optical Properties in Molecularly Designed Ultrafine/Nanostructured Materials". Mater.Res.Soc.Symp.Proc. 351:269-278 (1994)

Zeppenfeld, A.C., Fiddler, S.L., Ham, W.K., Klopfenstein, B.J., and Page, C.J. "Variation of Layer Spacing in Self-Assembled Hafnium-1, 10-Decanediybis (phosphonate) Multilayers As Determined By Ellipsometry and Grazing Angle X-ray Diffraction". J.Am.Chem.Soc. 116:91158-65 (1994)

RESEARCH EXPERIENCE

1994-1996 Research Assistant, Department of Physiology and Pharmacology, Oregon Health Sciences

University Portland, Oregon

1989-1993 Research Assistant, Department of Chemistry, University of Oregon Eugene, Oregon



Signature

14 Aug 2008

Date

Jimmie N. Tarro, MD (6 August 2008)

CURRICULUM VITAE: JIMMIE N. TARRO, MD

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Global Clinical Pharmacology
Covance Clinical Research Unit Inc.
5331 SW Macadam Avenue, Suite 307, 322 and 344
Portland, Oregon 97239

EDUCATION

M.D. Degree: University of Utah Medical School, Salt Lake City, Utah, 1966

Training:

2008 CITI Training
1966-1967 Internship-Mixed Medicine Holy Cross Hospital, Salt Lake City, Utah
1967-1970 Residency-General Internal Medicine/Renal Metabolism & Endocrinology
University of New Mexico Affiliated Hospitals Albuquerque, New Mexico

Undergraduate Education:

1952-1954 University of Utah, Salt Lake City, Utah
1960-1962 University of Utah, Salt Lake City, Utah

Certifications and Licensure:

Licensure: State of Oregon #MD07596

PROFESSIONAL EXPERIENCE

2006-Present: Physician, Clinical Pharmacology, Global Clinical Pharmacology, Covance CRU Inc.

Dr. Tarro provides medical coverage for the Covance CRU. He is responsible for assuring the health and welfare of participants. Dr. Tarro is also responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2002-2006: Physician, Radiant Research, Inc., Portland, Oregon

Dr. Tarro provided medical coverage for the unit. He was also responsible for assuring the health and welfare of participants. Dr. Tarro was responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

CURRICULUM VITAE: JIMMIE N. TARRO, MD

PROFESSIONAL EXPERIENCE (Cont)

2002-2004: Internal Medicine, Allergy, Asthma & Dermatology Research Center, Lake Oswego, Oregon

Dr. Tarro treated Patients with allergy, asthma and skin conditions in internal medicine practice.

1970-2002: Physician, Private Practice, Internal Medicine, Lake Oswego, Oregon

Dr. Tarro was Physician for his private practice.

1991-2002: Director and Investigator, Meridian Research Group, Tualatin, Oregon

Dr. Tarro oversaw management, administration and organization of Clinical Operations. He also directed the screening, Project Management, Facilities and the Study operations groups. Dr. Tarro ensured efficiency of all resources and the clinical facility.

Dr. Tarro also provided medical care as well as assuring the health and welfare of participants. He was responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

1986-1990: Investigator, Willamette Valley Research, Portland, Oregon

Dr. Tarro provided medical coverage for site. Responsible for assuring the health and welfare of participants. He was responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

PROFESSIONAL AFFILIATIONS

American Society of Internal Medicine
American College of Physicians
Oregon Society of Internal Medicine
Oregon Medical Association
Civil Aviation Medical Association

OTHER

1973-2002 Several Committee Positions – Meridian Park Hospital Tualatin, Oregon
1994-2002 Meridian Association of Physicians, Board Member and Officer
National Multiple Sclerosis Society, Oregon Chapter, Board Member
1982-1985 Clackamas Independent Practice Association, President
1978-1979 Physicians' Association of Clackamas County, Chairman of the Board
1977-1978 Physicians' Association of Clackamas County, President
1976-1977 Oregon Society of Internal Medicine, President
1975-1976 President of the Staff, Meridian Park Hospital
1973-1975 Chief of Medicine, Meridian Park Hospital

(b) (6)

Kevin C. J. Yuen, MD (6 August 2008)

Global Clinical Pharmacology
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Tel: 503/294-7193
Fax: 503/294-0231

CURRICULUM VITAE: KEVIN.C. J. YUEN

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Global Clinical Pharmacology
Covance Clinical Research Unit Inc.
5331 SW Macadam Ave, Ste. 307, 322 and 344
Portland, Oregon 97239

EDUCATION

US Medical Licensing Examination, Education of Foreign Medical Graduates, Philadelphia, PA,
2007

Doctor of Medicine, University of Sheffield, UK, 2005

Certificate of Completion of Specialist Training in Endocrinology, Diabetes and General Internal
Medicine, Royal College of Physicians of London, UK, 2004

Member of the Royal College of Physicians, London, UK, 1998

Bachelor of Medicine and Bachelor of Surgery, University of Sheffield, UK, 1997

Licensure

Oregon Medical License No: LL 17415
(b) (6)

Certifications

ALS Provider

Additional Coursework

Medicine, University of Sheffield, United Kingdom, 1993

CURRICULUM VITAE: KEVIN C.J. YUEN

PROFESSIONAL EXPERIENCE

2008 - Present: Physician, Clinical Pharmacology, Clinical Pharmacology, Covance Clinical Research Unit

Dr. Yuen provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants.

Dr. Yuen is also responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2008 - Present: Assistant Professor of Endocrinology, Division of Endocrinology, Diabetes and Clinical Nutrition, Oregon Health and Science University, Portland, Oregon

2005 - 2007: Senior Research Associate of Endocrinology, Division of Endocrinology, Diabetes and Clinical Nutrition, Oregon Health and Science University, Portland, Oregon

Dr. Yuen was involved in studying the effects of low dose growth hormone treatment on insulin sensitivity, adipocyte insulin-like growth factor—I and insulin receptor signaling, cortisol metabolism and regulation of fat patterning, and muscle and hepatic intramyocellular lipid content in adults with growth hormone deficiency.

2004 – 2005: Attending and Senior Lecturer, Diabetes, Endocrinology and General Internal Medicine, University College and Middlesex Hospitals, University of London, UK

2003 – 2004: Senior Fellow in Diabetes, Endocrinology and General Internal Medicine, Addenbrooke's Hospital, University of Cambridge, UK

2000 – 2003: Senior Clinical Research Fellow in Diabetes and Endocrinology, Addenbrooke's Hospital, University of Cambridge, UK

1997 – 2000: Fellow in Diabetes, Endocrinology and General Internal Medicine, Addenbrooke's Hospital, University of Cambridge, UK

1994 – 1997: Resident in General Internal Medicine, Southampton University Hospitals, Southampton, UK

1994: Intern in General Surgery, Hope Hospital, University of Manchester, Manchester, UK

1993 – 1994: Intern in General Internal Medicine, St. James's University Hospital, Leeds, UK

PUBLICATIONS

Yuen, KCJ, Biller BMK, Vance ML, Kemp SF, Cook DM, on behalf of the American Association of Clinical Endocrinologists. American Association of Clinical Endocrinologists medical guideline for clinical practice for growth hormone use in growth hormone deficient adults and transition patients. (Endocrine Practice June 2008; in press).

CURRICULUM VITAE: KEVIN.C. J. YUEN

PUBLICATIONS (Cont.)

Yuen KCJ, Cook MB, Rhoads SA, Cook DM. Evaluation of pituitary function with insulin tolerance (hypodycemia) testing: are there any differences using insulin Lispro compared to regular insulin? (*Hormone Research*; 2008; 69: 233-239).

Yuen KCJ, Cook DM, Sahasranam P, Patel P, Ghods DE, Shahinian HK, Friedman TC. Prevalence of growth hormone and other anterior pituitary hormone deficiencies in adults with non-secreting pituitary microadenomas and normal serum insulin-like growth factor-T levels. (*Clinical Endocrinology* 2006; accepted on-line 25 Jan 2008).

Yuen KCJ. Invited review: Factors that affect the dosing regimen of growth hormone replacement therapy in adults with growth hormone deficiency. (*International Journal of Biomedical and Pharmaceutical Sciences*: 2007; 1:20-37).

Dunger D, Salgin B, Yuen K. Growth hormone effects on glucose metabolism. (*Hormone Research*; 67 Suppl 1:37-42. Epub 2007 Feb 15).

Yuen KCJ, Cook MB, Rhoads SA, Hryciw CA and Cook DM. Is further evaluation of the growth hormone (GH) reserve necessary in fibromyalgia patients with low serum insulin-like growth factor (IGF)-I levels? (*Growth Hormone and IGF Research* 2007; 17: 82 - 88).

Williams RM, Yuen K, White D, Mallard B, Dalton RN, Acerini CL, Dunger DB. Short-term suppression of elevated growth hormone concentrations following insulin-like growth factor-I administration in young adults with type I diabetes does not alter glomerular filtration or albumin excretion rates. (*Clinical Endocrinology* 2006; 55: 2365-2370).

Saukkonen T, Shojaee-Moradie F, Williams RM, Amin R, Yuen KC, Watts A, Acerini CL, Umpleby AM and Dunger DB. Effects of recombinant human IGF-I/IGFBP-3 complex on glucose and lipid metabolism in type 1 diabetes. (*Diabetes* 2006; 55:2365-2370).

Cook DM, Yuen KCJ. Invited review: Effects of growth hormone on visceral fat and insulin sensitivity. (*Growth, Growth Factors and Metabolism* 2006; 16: S49-S54).

Yuen KCJ, Dunger DB. Impact of treatment with recombinant human GH and IGF-I on visceral adipose tissue and glucose homeostasis in adults. (*Growth Hormone and IGF Research*; 2006; S55-S61).

Yuen KCJ, Dunger DB. Persisting effects on fasting glucose levels and insulin sensitivity after 6 months of discontinuation of a very low dose GH therapy in adults with severe GH deficiency. (*Clinical Endocrinology* 2006; 64: 549-555).

CURRICULUM VITAE: KEVIN.C. J. YUEN

PUBLICATIONS (Cont.)

Yuen KCJ, Dunger DB. Therapeutic aspects of growth hormone and insulin-like growth factor-I treatment on visceral fat and insulin sensitivity in adults. (*Diabetes, Obesity and Metabolism* 2007; 9: 11-22).

Salgin B, Amin R, Yuen K, Williams RM, Murgatroyd P, Dunger DB. Insulin resistance is an intrinsic defect independent of fat mass in women with Turner's syndrome. (*Hormone Research* 2006; 65: 69-75).

Yuen KCJ, Cook DM, Rumbaugh EE, Cook MB, Dunger DB. Insulin-like growth factor-I responsiveness to a fixed regimen of low dose growth hormone replacement is increased with less variability in obese compared to normal weight adults with severe growth hormone deficiency. (*Hormone Research* 2006; 65: 6-13).

Yuen KCJ, Frystyk J, White DK, Twickler TB, Koppeschaar HPF, Harris PE, Fryklund L, Murgatroyd PR, Dunger DB. Improvement in insulin sensitivity without concomitant changes in body composition and cardiovascular risk markers following fixed administration of a very low growth hormone dose in adults with severe growth deficiency. (*Clinical Endocrinology (Oxford)* 2005; 63: 428-436).

Dunger D, Yuen K, Ong K. Insulin-like growth factor I and impaired glucose tolerance. (*Hormone Research* 2004; 62 Suppl 1: 101-107).

Saukkonen T, Amin R, Williams RM, Fox C, Yuen KC, White MA, Umpleby AM, Acerini CL, Dunger DB. Dose dependent effects of recombinant human IGF-I / IGF binding protein-3 complex on overnight GH secretion and insulin sensitivity in type 1 diabetes. (*Journal of Clinical Endocrinology and metabolism* 2004; 89: 4634-4641).

Yuen K, Frystyk J, Umpleby AM, Fryklund L, Dunger D. Changes in free rather than total IGF-I enhance insulin sensitivity and suppress endogenous peak GH release following short-term low dose GH administration in young healthy adults. (*Journal of Clinical Endocrinology and Metabolism* 2004; 89: 3956-3964).

Yuen K, Wareham N, Frystyk J, Hennings S, Mitchell J, Fryklund L, Dunger D. Short-term low dose GH administration in subjects with impaired glucose tolerance and the metabolic syndrome: effects on B-cell function and post-load glucose tolerance. (*European Journal of Endocrinology* 2004; 151: 39-45).

Beardsall K, Yuen K, Williams R, Dunger D. Applied physiology of glucose control. (*Current Pediatrics* 2003; 13: 543-548).

Yuen KCJ, Baker NR, Rayman G. Treatment of chronic painful diabetic neuropathy with Isosorbide Dinitrate spray: a double-blind placebo-controlled cross-over study. (*Diabetes Care* 2002; 25: 1699-1703).

CURRICULUM VITAE: KEVIN.C. J. YUEN

PUBLICATIONS (Cont.)

Yuen K, Cook D, Ong K, Chatelain P, Fryklund L, Gluckman P, Ranke MB, Rosenfeld R, Dunger D. The metabolic effects of short-term administration of physiological versus high doses of growth hormone therapy in GH-deficient adults. (Clinical Endocrinology (Oxford) 2002; 57: 333-341).

Yuen K, Ong K, Husbands S, Chatelain P, Fryklund L, Gluckman P, Ranke M, Cook D, Rosenfeld R, Wass J, Dunger D. The effects of short-term administration of two low doses versus the standard growth hormone replacement dose on insulin sensitivity and fasting glucose levels in young healthy adults. (Journal of Clinical Endocrinology and Metabolism 2002; 87: 1989-1995).

Yuen KC, Day JL, Flannagan DW, Rayman G. Diabetic neuropathic cachexia and acute bilateral cataract formation following rapid glycaemic control in a newly diagnosed type 1 diabetic patient. (Diabetic Medicine 2001; 18: 854-857).

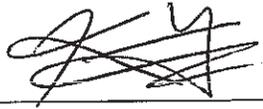
Yuen KC, Baker NR, Reddy A, Edelsten C, Rayman G. Blindness following a diabetic foot infection: a variant to the 'eye-foot' syndrome? (Diabetic Medicine 2000; 17: 546-549).

PROFESSIONAL MEMBERSHIPS

American Association of Clinical Endocrinologists, 2007-Present
International Growth Hormone and IGF Research Society, 2004-Present
Royal College of Physicians of London, United Kingdom, 1997-Present

AWARDS AND HONORS

Novo Nordisk Research Fellowship, Division of Endocrinology, Diabetes and Clinical Nutrition, Oregon Health and Science University, 2008
Genentech Research Fellowship, Division of Endocrinology, Diabetes, and Clinical Nutrition, Oregon Health and Science University, 2005-2007
Pathological Society of Great Britain and Ireland Fellowship, Division of Endocrinology, Diabetes, and Clinical Nutrition, Oregon Health and Science University, 2005-2006
Growth Hormone and IGF Research Society Fellowship, Division of Endocrinology, Diabetes, and Clinical Nutrition, Oregon Health and Science University, 2005-2006
Pfizer Research Fellowship, Division of Endocrinology, Diabetes, and Clinical Nutrition, Oregon Health and Science University, 2005-2006
Pfizer Research Fellowship, University Department of Pediatrics, Addenbrooke's Hospital, University of Cambridge, United Kingdom, 2000-2003
Sultan Azlan Shah Scholarship, Davies's College, Hove, United Kingdom, 1986-1987

A handwritten signature in black ink, consisting of several overlapping loops and lines, positioned above a horizontal line.

Signature

07 Aug 2008

Date

Randall R. Stoltz, MD (25 January 2010)

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

CURRENT POSITION

Title: Medical Director
Department: Medical Staff
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, IN

EDUCATION

M.D., Indiana University School of Medicine, Indianapolis, IN, 1984
Undergraduate, B.S., Biology, University of Southern Indiana, Evansville, IN, 1980

Licensure

Physician's License, State of IN, License No.01033825A
(b) (6)

Certifications

Board Certified Family Medicine, 1987-Present
Certified Physician Investigator (CPI) through ACRP-APPI – Association of Clinical Research Professionals and Academy of Pharmaceutical Physicians and Investigators, 2002-Present
NCCHC – National Commission on Correctional Healthcare, Certified Correctional Health Professional, 2002-Present
Authorized User to the NRC license, 2007-Present
ACLS, American Heart Association, Evansville, Indiana, 10/2010

Additional Coursework

Residency: Family Practice, St. Mary's Medical Center, Evansville, IN, 1984 - 1987

PROFESSIONAL EXPERIENCE

2005 - Present: Medical Director, Medical and Pharmacy Staff, Clinical Pharmacology, Covance Clinical Research Unit, Inc.

Dr. Stoltz provides supervision and direction to the physicians of the Covance Clinical Research Unit, as appropriate. Ensures that there is proper medical coverage from the physicians to cover the medical safety to the unit during all hours of operation. Involved with clients for medical consultation on study design and safety for early clinical phases of drug development. Interfaces with the medical staff and clients to ensure proper study designs and notification of serious adverse events to the sponsors.

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

PROFESSIONAL EXPERIENCE (Continued)

1999 – 2005: Medical Director, Medical Staff, West Pharmaceutical Services ~ GFI Research Center, Evansville, IN

Dr. Randall Stoltz was responsible for providing support, guidance and supervision to the medical staff. In brief summary, Dr. Stoltz, reviews protocols for feasibility, assumes safety and welfare of volunteers; serves as investigator and works closely with sponsors to ensure proper trial execution.

1987 – 2005: Private Practice, Family Medicine – Evansville, IN

Dr. Randall Stoltz practiced family medicine with general care of all ages from infants to elderly.

1989 – 1999: Medical Director, Medical Staff, GFI Pharmaceutical Services, Inc., Evansville, IN

Dr. Randall Stoltz was responsible for providing support, guidance and supervision to the medical staff. In brief summary, Dr. Stoltz, reviews protocols for feasibility, assumes safety and welfare of volunteers; serves as investigator and works closely with sponsors to ensure proper trial execution.

2001 – Present: Medical Director, University of Evansville – Student Athletic Training Program Evansville, IN

Dr. Randall Stoltz develops training courses to educate students in medical areas needed to meet accreditation standards.

1985 – Present: Staff Member, Department of Family Practice, St. Mary's Medical Center, Evansville, IN

Dr. Randall Stoltz is responsible for complying with the hospital guidelines when caring for patients in the hospital. Dr. Stoltz works with hospital departments to develop ongoing process improvement.

1994-2002: Chairman, St. Mary's Medical Center, Department of Family Medicine, Evansville, IN

Dr. Randall Stoltz reviewed physician's credentials and applications to evaluate qualification for staff privileges. Dr. Stoltz would handle hospital complaints about physicians in the department. Dr. Stoltz also developed policies, procedures and Quality Assurance functions within the department.

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

PROFESSIONAL EXPERIENCE (Continued)

1993-1994: Vice-Chairman, St. Mary's Medical Center, Department of Family Medicine, Evansville, IN

Dr. Randall Stoltz assisted the chairman with reviewing physician credentials and applications to evaluate qualification for membership. Dr. Stoltz assisted the chairman with hospital complaints about physicians within the department.

1986 – Present: Medical Director, University of Evansville Student Health and Wellness Center Evansville, IN

Dr. Randall Stoltz oversees medical care for students attending the University of Evansville. Dr. Stoltz helps develop policies and procedures for admission and ongoing healthcare.

1987 - Present: Staff Member, Deaconess Hospital, Evansville, IN

Dr. Randall Stoltz abides by hospital regulations for admission and care of patients at the hospital.

1987 – Present: Medical Director, Evansville Protestant Home, Evansville, IN

Dr. Randall Stoltz oversees medical care of nursing home residents as well as intervenes if nursing staff have problems with other physicians. Dr. Stoltz helps with infection control, pharmacy and Quality Assurance functions. Dr. Stoltz works to develop and improve nursing home policies.

1988 – 1989: Medical Associate, GFI Pharmaceutical Services, Inc., Evansville, IN

Dr. Randall Stoltz served as Investigator for clinical trials including all the responsibilities that go along with that role.

1989 – 2005: Medical Director, Americare Living Center, Evansville, IN

Dr. Randall Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control and Quality Assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

1990 – Present: Volunteer Faculty Member, IN University School of Medicine, Indianapolis, IN

Dr. Randall Stoltz serves as a preceptor to medical students. Dr. Stoltz teaches basic aspects of primary care medicine.

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

PROFESSIONAL EXPERIENCE (Continued)

1992 – 1994: Governing Board Member, Arbor Hospital, Evansville, IN

Dr. Randall Stoltz worked with hospital administration to develop clinical operation policies and procedures to efficiently operate a psychiatric hospital.

1998 – Present: Medical Director, Vanderburgh County Detention Center, Evansville, IN

Dr. Randall Stoltz develops and implements health care plans for inmates in the county detention center as well as works closely with local public agencies to develop ongoing care plans upon inmate release.

1999 – 2002: Utilization Review Committee, Heartland Rehabilitation Center, Evansville, IN

Dr. Randall Stoltz reviewed rehab records for accuracy and ensured that the records and care met general rehab standards.

PUBLICATIONS

- Stoltz, R.R., Stockman, N., Hussey, E.K., Dobbins, R.L., O'Connor-Semmes, R., Kapur, A., Murray, S., Layko, D., and Nunez, D. (2008) Multiple-dose pharmacokinetics and pharmacodynamics of sergliflozin etabonate, a novel inhibitor of glucose reabsorption, in healthy overweight and obese subjects: a randomized double-blind study. J. of Clinical Pharmacology
- Stoltz, R.R., Stockman, N., Hussey, E.K., Dobbins, R.L., O'Connor-Semmes, R., Kapur, A., Murray, S., and Nunez, D. (2007) A Double-Blinded Randomized Repeat Dose Study to Assess the Safety, Tolerability, Pharmacokinetics and Pharmacodynamics of Three Times Daily Dosing of Sergliflozin, a Novel Inhibitor of Renal Glucose Reabsorption, in Healthy Overweight and Obese Subjects. ADA 2007 Abstract
- Abstract #96.026 "Low Incidence of Endometrial Hyperplasia and Bleeding in Women on 2 Years of Unopposed 0.3 mg Esterified Estrogens (Estratab®)"
- Renagel®, A Nonabsorbed, Calcium and Aluminum-free Phosphate Binder, Lowers Serum Phosphorus and Parathyroid Hormone
- Reduction of Serum Lactate by Sodium Dichloroacetate, and Human Pharmacokinetic-Pharmacodynamic Relationships. *Journal of Pharmacology and Experimental Therapeutics* 279. 686-293, 1996

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

PUBLICATIONS (Continued)

- Efficacy and Safety of Low, Standard and High Dosages of an Estradiol Transdermal System (Esclim®) Compared with Placebo on Vasomotor Symptoms in Highly Symptomatic Menopausal Patients. *Publication C TS 17 930*, February 4, 1998
- Ineffectiveness of Neurokinin-1 Antagonist in Acute Migraine: A Crossover Study.
- Safety, Tolerability, and Efficacy of the 0.8 mg Dose of Cerivastatin, a New HMG-CoA Reductase Inhibitor.
- Short-Term Efficacy and Safety of Pravastatin in Hypercholesterolemic Women.
- Lack of Effect of Multiple Dose Gatifloxacin (GAT) on Oral Glucose Tolerance (OGTT), Glucose and Insulin Homeostasis, and Glyburide Pharmacokinetics (PK) in Patients with Type II Non-Insulin Dependent Diabetes Mellitus (NIDDM).
- Effect of Multiple-Dose Gatifloxacin (GAT) or Ciprofloxacin (CIP) on Glucose Homeostasis and Insulin Production In-Patients with Non-Insulin Diabetes Mellitus (NIDDM) Maintained with Diet and Exercise.
- Valsartan, a New Angiotensin II Antagonist for the Treatment of Essential Hypertension.
- Gastric Emptying, Pulmonary Function, Gas Exchange, and Respiratory Quotient After Feeding a Moderate Versus High Fat Enteral Formula Meal in Chronic Obstructive Pulmonary Disease Patients. *Nutrition* Vol. 12, No.4, 1996.
- Safety, Tolerability, and Pharmacokinetics of an Extended-Release Formulation of Fluvastatin Administered Once Daily to Patients with Primary Hypercholesterolemia. *Journal of Cardiovascular Pharmacology* Vol. 37, No. 5, 2001
- Pharmacokinetics and Pharmacodynamics of Peldesine (BCX-34), a Purine Nucleoside Phosphorylase Inhibitor, following Single and Multiple Oral Doses in Healthy Volunteers. *Journal of Clinical Pharmacology*, 2000; 40:410-420
- Stoltz, R., Sansone-Parsons, A., Krishna, G., Simon, J., Soni, P., Kantesaria, B., Herron, J., "Effects of Age, Gender, and Race/Ethnicity on the Pharmacokinetics of Posaconazole in Healthy Volunteers," *Antimicrobial Agents and Chemotherapy* Vol. 51, No.2, p. 495-502, Feb. 2007

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI

PROFESSIONAL MEMBERSHIPS

	American Academy of Family Physicians
	IN Academy of Family Physicians - First District Member
	IN State Medical Association - Member
	Vanderburgh County Medical Society - Member 1987 – Present, Treasurer 1990, Vice President 1991, President Elect 1992, President 1993
2002 - Present	NCCHC – National Commission on Correctional Healthcare,
2002 - Present	University of Evansville Faculty Professional Affairs Committee Subcommittee for the Protection of Research Subjects,
1993 - Present	ACRP – APPI
	CPI Exam Committee Member – Vice Chairman, 2007 - 2008 Chairman, 2008 - Present



Signature

25 JAN 2010

Date

Randall R. Stoltz, MD (3 June 2008)

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI, ABFM

CURRENT POSITION

Title: Medical Director
Department: Medical/Pharmacy Staff
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, IN

EDUCATION

M.D., Indiana University School of Medicine, Indianapolis, IN, 1984

Undergraduate, B.S., Biology, University of Southern Indiana, Evansville, IN, 1980

Licensure

Physician's License, State of IN, License No.01033825A

(b) (6)

Certifications

Board Certified Family Medicine, Evansville, IN, 1987-Present

Certified Physician Investigator (CPI) through ACRP-APPI -- Association of Clinical Research Professionals and Academy of Pharmaceutical Physicians and Investigators, 2002-Present

NCCHC -- National commission on Correctional Healthcare, Certified Correctional Health Professional, 2002-Present

Authorized User to the NRC license, 2007-Present

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI, ABFM

EDUCATION (Continued)

Additional Coursework

Residency: Family Practice, St. Mary's Medical Center, Evansville, IN, 1987

PROFESSIONAL EXPERIENCE

2005 - Present: Medical Director, Medical and Pharmacy Staff, Clinical Pharmacology, Covance Clinical Research Unit, Inc.

Dr. Stoltz provides supervision and direction to the physicians of the Covance Clinical Research Unit, as appropriate. Ensures that there is proper medical coverage from the physicians to cover the medical safety to the unit during all hours of operation. Involved with clients for medical consultation on study design and safety for early clinical phases of drug development. Interfaces with the medical staff and clients to ensure proper study designs and notification of serious adverse events to the sponsors.

1999 – 2005: Medical Director, Medical Staff, West Pharmaceutical Services ~ GFI Research Center, Evansville, IN

Dr. Randall Stoltz was responsible for providing support, guidance and supervision to the medical staff. In brief summary, Dr. Stoltz, reviews protocols for feasibility, assumes safety and welfare of volunteers; serves as investigator and works closely with sponsors to ensure proper trial execution.

1987 – 2005: Private Practice, Family Medicine – Evansville, IN

Dr. Randall Stoltz practiced family medicine with general care of all ages from infants to elderly.

1989 – 1999: Medical Director, Medical Staff, GFI Pharmaceutical Services, Inc., Evansville, IN

Dr. Randall Stoltz was responsible for providing support, guidance and supervision to the medical staff. In brief summary, Dr. Stoltz, reviews protocols for feasibility, assumes safety and welfare of volunteers; serves as investigator and works closely with sponsors to ensure proper trial execution.

2001 – Present: Medical Director, University of Evansville – Student Athletic Training Program Evansville, IN

Dr. Randall Stoltz develops training courses to educate students in medical areas needed to meet accreditation standards.

1985 – Present: Staff Member, Department of Family Practice, St. Mary's Medical Center, Evansville, IN

Dr. Randall Stoltz is responsible for complying with the hospital guidelines when caring for patients in the hospital. Dr. Stoltz works with hospital departments to develop ongoing process improvement.

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI, ABFM

PROFESSIONAL EXPERIENCE CONTINUED

1994-2002: Chairman, St. Mary's Medical Center, Department of Family Medicine, Evansville, IN

Dr. Randall Stoltz reviewed physician's credentials and applications to evaluate qualification for staff privileges. Dr. Stoltz would handle hospital complaints about physicians in the department. Dr. Stoltz also developed policies, procedures and Quality Assurance functions within the department.

1993-1994: Vice-Chairman, St. Mary's Medical Center, Department of Family Medicine, Evansville, IN

Dr. Randall Stoltz assisted the chairman with reviewing physician credentials and applications to evaluate qualification for membership. Dr. Stoltz assisted the chairman with hospital complaints about physicians within the department.

1986 – Present: Medical Director, University of Evansville Student Health and Wellness Center Evansville, IN

Dr. Randall Stoltz oversees medical care for students attending the University of Evansville. Dr. Stoltz helps develop policies and procedures for admission and ongoing healthcare.

1987 - Present: Staff Member, Deaconess Hospital, Evansville, IN

Dr. Randall Stoltz abides by hospital regulations for admission and care of patients at the hospital.

1987 – Present: Staff Member, Warrick Hospital, Boonville, IN

Dr. Randall Stoltz abides by hospital regulations in admission and care of my patients at the hospital.

1987 – Present: Medical Director, Evansville Protestant Home, Evansville, IN

Dr. Randall Stoltz oversees medical care of nursing home residents as well as intervenes if nursing staff have problems with other physicians. Dr. Stoltz helps with infection control, pharmacy and Quality Assurance functions. Dr. Stoltz works to develop and improve nursing home policies.

1988 – 1989: Medical Associate, GFI Pharmaceutical Services, Inc., Evansville, IN

Dr. Randall Stoltz served as Investigator for clinical trials including all the responsibilities that go along with that role.

1989 – 2005: Medical Director, Americare Living Center, Evansville, IN

Dr. Randall Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control and Quality Assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI, ABFM

PROFESSIONAL EXPERIENCE CONTINUED

1990 – Present: Volunteer Faculty Member, IN University School of Medicine, Indianapolis, IN
Dr. Randall Stoltz serves as a preceptor to medical students. Dr. Stoltz teaches basic aspects of primary care medicine.

1992 – 1994: Governing Board Member, Arbor Hospital, Evansville, IN
Dr. Randall Stoltz worked with hospital administration to develop clinical operation policies and procedures to efficiently operate a psychiatric hospital.

1998 – Present: Medical Director, Vanderburgh County Detention Center, Evansville, IN
Dr. Randall Stoltz develops and implements health care plans for inmates in the county detention center as well as works closely with local public agencies to develop ongoing care plans upon inmate release.

1999 – 2002: Utilization Review Committee, Heartland Rehabilitation Center, Evansville, IN
Dr. Randall Stoltz reviewed rehab records for accuracy and ensured that the records and care met general rehab standards.

PUBLICATIONS

- Abstract #96.026 "Low Incidence of Endometrial Hyperplasia and Bleeding in Women on 2 Years of Unopposed 0.3 mg Esterified Estrogens (Estratab®)"
- Renagel®, A Nonabsorbed, Calcium and Aluminum-free Phosphate Binder, Lowers Serum Phosphorus and Parathyroid Hormone
- Reduction of Serum Lactate by Sodium Dichloroacetate, and Human Pharmacokinetic-Pharmacodynamic Relationships. *Journal of Pharmacology and Experimental Therapeutics* 279. 686-293, 1996
- Efficacy and Safety of Low, Standard and High Dosages of an Estradiol Transdermal System (Esclim®) Compared with Placebo on Vasomotor Symptoms in Highly Symptomatic Menopausal Patients. *Publication C TS 17 930*, February 4, 1998
- Ineffectiveness of Neurokinin-1 Antagonist in Acute Migraine: A Crossover Study.
- Safety, Tolerability, and Efficacy of the 0.8 mg Dose of Cerivastatin, a New HMG-CoA Reductase Inhibitor.
- Short-Term Efficacy and Safety of Pravastatin in Hypercholesterolemic Women.
- Lack of Effect of Multiple Dose Gatifloxacin (GAT) on Oral Glucose Tolerance (OGTT), Glucose and Insulin Homeostasis, and Glyburide Pharmacokinetics (PK) in Patients with Type II Non-Insulin Dependent Diabetes Mellitus (NIDDM).
- Effect of Multiple-Dose Gatifloxacin (GAT) or Ciprofloxacin (CIP) on Glucose Homeostasis and Insulin Production In-Patients with Non-Insulin Diabetes Mellitus (NIDDM) Maintained with Diet and Exercise.
- Valsartan, a New Angiotensin II Antagonist for the Treatment of Essential Hypertension.

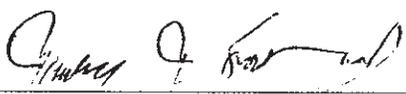
CURRICULUM VITAE: RANDALL R. STOLTZ, M.D., FAAFP, CPI, ABFM

PUBLICATIONS CONTINUED

- Gastric Emptying, Pulmonary Function, Gas Exchange, and Respiratory Quotient After Feeding a Moderate Versus High Fat Enteral Formula Meal in Chronic Obstructive Pulmonary Disease Patients. *Nutrition* Vol. 12, No.4, 1996.
- Safety, Tolerability, and Pharmacokinetics of an Extended-Release Formulation of Fluvastatin Administered Once Daily to Patients with Primary Hypercholesterolemia. *Journal of Cardiovascular Pharmacology* Vol. 37, No. 5, 2001
- Pharmacokinetics and Pharmacodynamics of Peldesine (BCX-34), a Purine Nucleoside Phosphorylase Inhibitor, following Single and Multiple Oral Doses in Healthy Volunteers. *Journal of Clinical Pharmacology*, 2000; 40:410-420
- Stoltz, R., R., Sansone-Parsons, A., Krishna, G., Simon, J., Soni, P., Kantesaria, B., Herron, J., "Effects of Age, Gender, and Race/Ethnicity on the Pharmacokinetics of Posaconazole in Healthy Volunteers," *Antimicrobial Agents and Chemotherapy* Vol. 51, No.2, p. 495-502, Feb. 2007

PROFESSIONAL MEMBERSHIPS

- American Academy of Family Physicians
- IN Academy of Family Physicians - First District Member
- IN State Medical Association - Member
- Vanderburgh County Medical Society - Board of Directors,
Member 1987 – Present, Treasurer 1990, Vice President 1991,
President Elect 1992, President 1993
- 2002 - Present NCCHC – National Commission on Correctional Healthcare,
- 2002 - Present University of Evansville Faculty Professional Affairs Committee
Subcommittee for the Protection of Research Subjects,
- 1973 - Present ACRP – APPI
CPI Exam Committee Member


Signature

05 JUN 2008
Date

Ronald M. Kimberlin, MD (25 January 2010)

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit, Inc.
Evansville, Indiana

EDUCATION

M.D., University of Louisville, Louisville, KY, 1967
B.S., Chemistry and Zoology, Centre College of Kentucky, Danville, KY, 1963

Licensure

Physician's License, State of IN, License No.01027359A
(b) (6)

Certifications

Internal Medicine, 1975
Endocrine, 1977
ACLS, American Heart Association, Evansville, Indiana, 2011

Additional Coursework

Fellowship, Mayo Clinic, Rochester, MN, 1976
Residency, Mayo Clinic, Rochester, MN, 1975
Residency, University of Alabama, Birmingham, AL 1969
Internship, Grady memorial Hospital, Atlanta, GA, 1968

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

PROFESSIONAL EXPERIENCE

2005 - Present: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.,
Evansville, IN

Dr. Ronald Kimberlin provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

Present: Endocrine Consultant, St. Mary's Hospital, Evansville, IN

Dr. Kimberlin consults with medical staff regarding patients with endocrine disorders. He is experienced with management of most acute and chronic endocrine problems.

1980 – Present: Clinical Associate Director, Indiana University Medical School, Evansville, IN

Dr. Kimberlin gave endocrine lectures to second year medical students for 10 years.

1980 – Present: Instructor, Deaconess Hospital Family Practice Residency Program, Evansville,
IN

Dr. Kimberlin was preceptor for family practice residents at Deaconess Hospital program for 15 years.

1988 – 1990: Chairman, Department of Medicine, Deaconess Hospital, Evansville, IN

Dr. Kimberlin chaired the Medicare Department at Deaconess Hospital – presided at staff meetings and performed chairman duties.

1980-1990: Instructor, St. Mary's Hospital Family Practice Residency Program, Evansville, IN

Dr. Kimberlin was preceptor and lecturer for St. Mary's Family Practice Residency program for 15 years.

1980-1985: Coordinator and Moderator of Endocrine Seminars, St. Mary's Medical Center,
Evansville, IN

Dr. Kimberlin organized, arranged, and presented endocrine seminars for 5 years at St. Mary's Hospital.

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

PROFESSIONAL EXPERIENCE (Continued)

1979 – 1988: Staff Endocrine Consultant, St. Mary's Hospital,
Evansville, IN

Dr. Kimberlin went to temporary courtesy staff when bylaws changed at St. Mary's Hospital.

1977, 1979 - Present: Internal Medicine/Endocrine, Private Practice, Evansville, IN

Dr. Ronald Kimberlin has been in private practice as Endocrinologist for the Tri-State area for 30 years.

1977-1979: Internal Medicine/Endocrine Private Practice, Louisville, KY

Dr. Ronald Kimberlin transferred his practice to Louisville, Kentucky for 2 years. Dr. Kimberlin worked as an Endocrinologist during this time.

1971-1973: Family Practice, Madisonville, KY

Dr. Kimberlin performed family practice procedures after military service and before further training decisions.

PRESENTATIONS

Dr. Kimberlin has given presentations on a variety of Endocrine topics to various area hospital medical staff, seminars, diabetes associations, and endocrine journal club meetings.

PROFESSIONAL MEMBERSHIPS

Indiana State Medical Association
Vanderburgh County Medical Association
AOA (Alpha Omega Alpha Honor Medical Society)
AACE (American Association of Clinical Endocrinologists)

AWARDS AND HONORS

American College of Endocrinology

Signature



Date



Ronald M. Kimberlin, MD (29 April 2008)

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit, Inc.
Evansville, Indiana

EDUCATION

M.D., University of Louisville, Louisville, KY, 1967
B.S., Chemistry and Zoology, Centre College of Kentucky, Danville, KY, 1963

Licensure

Physician's License, State of IN, License No.01027359A
(b) (6)

Certifications

Internal Medicine, 1975
Endocrine, 1977

(b) (6)

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

EDUCATION (Continued)

Additional Coursework

Fellowship, Mayo Clinic, Rochester, MN, 1976

Residency, Mayo Clinic, Rochester, MN, 1975

Residency, University of Alabama, Birmingham, AL 1969

Internship, Grady memorial Hospital, Atlanta, GA, 1968

PROFESSIONAL EXPERIENCE

2005 - Present: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.,
Evansville, IN

Dr. Ronald Kimberlin provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

Present: Endocrine Consultant, St. Mary's Hospital, Evansville, IN

Dr. Kimberlin consults with medical staff regarding patients with endocrine disorders. He is experienced with management of most acute and chronic endocrine problems.

1980 - Present: Clinical Associate Director, Indiana University Medical School, Evansville, IN

Dr. Kimberlin gave endocrine lectures to second year medical students for 10 years.

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IN

Dr. Kimberlin was preceptor for family practice residents at Deaconess Hospital program for 15 years.

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Dr. Kimberlin chaired the Medicare Department at Deaconess Hospital - presided at staff meetings and performed chairman duties.

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1980-1985: Coordinator and Moderator of Endocrine Seminars, St. Mary's Medical Center,
Evansville, IN

Dr. Kimberlin organized, arranged, and presented endocrine seminars for 5 years at St. Mary's Hospital.

1979 - 1988: Staff Endocrine Consultant, St. Mary's Hospital,
Evansville, IN

CURRICULUM VITAE: RONALD M. KIMBERLIN, M.D.

Dr. Kimberlin went to temporary courtesy staff when bylaws changed at St. Mary's Hospital.

1977, 1979 - Present: Internal Medicine/Endocrine, Private Practice, Evansville, IN

Dr. Ronald Kimberlin has been in private practice as Endocrinologist for the Tri-State area for 30 years.

1977-1979: Internal Medicine/Endocrine Private Practice, Louisville, KY

Dr. Ronald Kimberlin transferred his practice to Louisville, Kentucky for 2 years. Dr. Kimberlin worked as an Endocrinologist during this time.

1971-1973: Family Practice, Madisonville, KY

Dr. Kimberlin performed family practice procedures after military service and before further training decisions.

PRESENTATIONS

Dr. Kimberlin has given presentations on a variety of Endocrine topics to various area hospital medical staff, seminars, diabetes associations, and endocrine journal club meetings.

PROFESSIONAL MEMBERSHIPS

Indiana State Medical Association

Vanderburgh County Medical Association

AOA (Alpha Omega Alpha Honor Medical Society)

AACE (American Association of Clinical Endocrinologists)

AWARDS AND HONORS

American College of Endocrinology

R Kimberlin MD

Signature

01 MAY 2008

Date

Jane E. Royalty, MD, CCTI, CPI (25 January 2010)

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CPI

CURRENT POSITION

Title: Associate Medical Director
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D., Indiana University School of Medicine, Indianapolis, IN, 1995
B.S., Life Science, Indiana State University, Terre Haute, IN, 1991

Licensure

Physician License, State of IN, License No.01045998A
(b) (6)

Certifications

Certified Physician Investigator, CPI- 2005-current
Board Certification in Internal Medicine- ABIM-1999-2009
Board Re-Certification Internal Medicine-ABIM-2009-2019
ACLS Certification- 6/2008- 6/2010

Additional Training

Pre-Leadership Development Training, Covance, Evansville, Indiana, 2008
LEAN Training- Covance, Evansville, IN- 2009

Additional Coursework

Residency: Internal Medicine St. Vincent Hospital, Indianapolis, IN, 1998

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CPI

PROFESSIONAL EXPERIENCE

2008 – Present: Associate Medical Director, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Jane Royalty provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2005 - 2008: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Jane Royalty provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2003 – 2007: Medical Director, St. Mary's Bariatric Center, Evansville, IN

Dr. Jane Royalty is responsible for supervising the medical program patients go through before and after weight loss surgery. She has experience dealing with the super-obese population that this entails, along with managing their multiple co-morbid illnesses. She also has experience managing these patients while on a variety of nutritional programs for weight loss and feels comfortable discussing and managing a comprehensive weight-loss strategy for them.

2001 – 2005: Clinical Investigator, West Pharmaceutical Services, Inc. ~ GFI Research Center, Evansville, IN

Dr. Jane Royalty assists in subject panel selection and performing physical examinations and laboratory assessments on volunteers during the screening process as well as throughout the study duration. She participates in study initiations and monitoring. Dr. Royalty is the Principal Investigator on selected protocols and is involved in the reporting aspects of Phase I Research.

1999-2005: Private Practice- Internal Medicine, Evansville, IN

Dr. Jane Royalty had a general internal medicine practice. She was responsible for the primary care of her patients. She held a special interest in Women's Health and also obesity. Thus, future endeavors were primarily focused in these areas.

1996 – 1998: In-House Cardiology Call, Nasser, Smith & Pinkerton Cardiology, Indianapolis, IN

Dr. Jane Royalty was responsible for the initial evaluation of patients presented to the CICU (Cardiac Intensive Care Unit). She became very comfortable evaluating acutely ill patients as well as diagnosis, consultation with attending physicians, and implementing treatment plans. She also became very proficient at technical skills such as endotracheal intubation and line placement.

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CPI

PROFESSIONAL EXPERIENCE (Continued)

1997 – 1998: In-House Medicine Call, Medicine Department, Rehabilitation Hospital of Indiana, Indianapolis, IN

Dr. Jane Royalty was the on site physician for night coverage for any emergency care or any services needed overnight for patients.

1994: OB/GYN Extern, Labor and Delivery Unit, St. Vincent Hospital, Indianapolis, IN

Dr. Jane Royalty was responsible for the initial evaluation of women presenting for triage in a labor and delivery ward.

1990-1991: Research Assistant, Clinical Research Department, Pitman-Moore, Terre Haute, IN

Dr. Jane Royalty worked as a research assistant at a veterinary pharmaceutical company. She became familiar with the workings of a laboratory through this work.

1989: Research Assistant in Neurophysiology, Biology Department, Indiana State University, Terre Haute, IN

Dr. Jane Royalty worked as a research assistant to a professor of Neurophysiology. She became introduced to the techniques and workings of a research lab during this experience.

PUBLICATIONS

Royalty, J., E., Li, X., S., Pequignot, E., Panebianco, D., Lupinacci, P., Majumdar, A., Rosen, L., Ahmed, T., Rushmore, T., H., Murphy, M., G., Petty, K., J., "Lack of Effect of Aprepitant on Hydrodolasetron Pharmacokinetics in CYP2D6 Extensive and Poor Metabolizers," The Journal of Clinical Pharmacology, Chapter 46: 792-801, 2006

PROFESSIONAL MEMBERSHIPS

2005-present	Academy of Pharmaceutical Physician's and Investigators
2008-present	Association of Clinical Research Professionals, Circle City Chapter
2004 – 2007	American Society of Bariatric Physicians
2003 – 2008	St. Mary's Hospital for Women and Children, Board Member
1996 –2008	American Medical Association

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CPI

AWARDS AND HONORS

1992, 1993, 1994 Dr. E.B. Rinker Scholarship
1994 Alpha Omega Alpha Honor Society
1991 Phi Kappa Phi Honor Society



Signature

25 JAN 2010

Date

Jane E. Royalty, MD, CCTI, CPI (29 April 2008)

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CCTI, CPI

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D., Indiana University School of Medicine, Indianapolis, IN, 1995
B.S., Life Science, Indiana State University, Terre Haute, IN, 1991

Licensure

Physician License, State of IN, License No.01045998A
(b) (6)

Certifications

ACRP, Association of Clinical Research Professionals, 2005-Present
Board Certification in Internal Medicine, State of IN, 1999-Present

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CCTI, CPI

EDUCATION (Continued)

Additional Coursework

Residency: Internal Medicine St. Vincent Hospital, Indianapolis, IN, 1998

PROFESSIONAL EXPERIENCE

2005 - Present: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.
Dr. Jane Royalty provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2003 – 2007: Medical Director, St. Mary's Bariatric Center, Evansville, IN

Dr. Royalty is responsible for supervising the medical program patients go through before and after weight loss surgery. She has experience dealing with the super-obese population that this entails, along with managing their multiple co-morbid illnesses. She also has experience managing these patients while on a variety of nutritional programs for weight loss and feels comfortable discussing and managing a comprehensive weight-loss strategy for them.

2001 – 2005: Clinical Investigator, West Pharmaceutical Services, Inc. ~ GFI Research Center, Evansville, IN

Dr. Jane Royalty assists in subject panel selection and performing physical examinations and laboratory assessments on volunteers during the screening process as well as throughout the study duration. She participates in study initiations and monitoring. Dr. Royalty is the Principal Investigator on selected protocols and is involved in the reporting aspects of Phase I Research.

1999-2005: Private Practice- Internal Medicine, Evansville, IN

Dr. Jane Royalty had a general internal medicine practice. She was responsible for the primary care of her patients. She held a special interest in Women's Health and also obesity. Thus, future endeavors were primarily focused in these areas.

1996 – 1998: In-House Cardiology Call, Nasser, Smith & Pinkerton Cardiology, Indianapolis, IN

Dr. Jane Royalty was responsible for the initial evaluation of patients presented to the CICU (Cardiac Intensive Care Unit). She became very comfortable evaluating acutely ill patients as well as diagnosis, consultation with attending physicians, and implementing treatment plans. She also became very proficient at technical skills such as endotracheal intubation and line placement.

1997 – 1998: In-House Medicine Call, Medicine Department, Rehabilitation Hospital of Indiana, Indianapolis, IN

Dr. Jane Royalty was the on site physician for night coverage for any emergency care or any services needed overnight for patients.

CURRICULUM VITAE: JANE E. ROYALTY, M.D., CCTI, CPI

PROFESSIONAL EXPERIENCE CONTINUED

1994: OB/GYN Extern, Labor and Delivery Unit, St. Vincent Hospital, Indianapolis, IN
Dr. Jane Royalty was responsible for the initial evaluation of women presenting for triage in a labor and delivery ward.

1990-1991: Research Assistant, Clinical Research Department, Pitman-Moore, Terre Haute, IN
Dr. Jane Royalty worked as a research assistant at a veterinary pharmaceutical company. She became familiar with the workings of a laboratory through this work.

1989: Research Assistant in Neurophysiology, Biology Department, Indiana State University, Terre Haute, IN
Dr. Jane Royalty worked as a research assistant to a professor of Neurophysiology. She became introduced to the techniques and workings of a research lab during this experience.

PUBLICATIONS

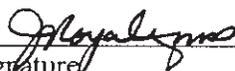
Royalty, J., E., Li, X., S., Pequignot, E., Panebianco, D., Lupinacci, P., Majumdar, A., Rosen, L., Ahmed, T., Rushmore, T., H., Murphy, M., G., Petty, K., J., "Lack of Effect of Aprepitant on Hydrodolasetron Pharmacokinetics in CYP2D6 Extensive and Poor Metabolizers," The Journal of Clinical Pharmacology, Chapter 46: 792-801, 2006

PROFESSIONAL MEMBERSHIPS

2004 – 2007	American Society of Bariatric Physicians
2003 – 2008	St. Mary's Hospital for Women and Children, Board Member
1996 – Present	American Medical Association

AWARDS AND HONORS

1992, 1993, 1994	Dr. E.B. Rinker Scholarship
1994 – Present	Alpha Omega Alpha Honor Society
1991 – Present	Phi Kappa Phi Honor Society


Signature

28 MAY 2008
Date

Stewart P. Smith, Jr., MD (20 January 2010)

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D., Vanderbilt University, Nashville, TN 1964
B.A., Vanderbilt, University, Nashville, TN, 1968
Postdoctoral Fellowship in Nephrology, Indiana University Medical Center, Indianapolis, IN,
1973 - 1975
Assistant Resident in Internal Medicine, Indiana University Medical Center, Indianapolis, IN,
1972 - 1973
Assistant Resident in Internal Medicine, Indiana University Medical Center, Indianapolis, IN,
1969 - 1970
Intern in Internal Medicine, Indiana University Medical Center, Indianapolis, IN, 1968 - 1969

Licensure

Physician's License, State of IN, License No.01022347A
(b) (6)

Certifications

Board Certified, American Board of Internal Medicine in Subspecialty of Nephrology,
Board Certified, American Board of Internal Medicine,
Certified, National Board of Medical Examiners,
ACLS, American Heart Association, Evansville, Indiana, 09/2011

PROFESSIONAL EXPERIENCE

2006 - Present: Clinical Investigator, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Stewart Smith provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

PROFESSIONAL EXPERIENCE (Continued)

1975 – 2009: Private Practice, Nephrology, Evansville, IN

Dr. Smith founded the first and only Nephrology practice in Evansville as well as started a city-wide dialysis program.

1996 – 2000: Medical Director of Dialysis Affiliates, Evansville, IN; Jasper, IN; and Washington, IN

Dr. Smith extended dialysis into surrounding satellite programs.

1975 – 1996: Medical Director of Dialysis Unit, St. Mary's Medical Center, Evansville, IN

Dr. Smith started the inpatient dialysis program at St. Mary's Medical Center.

1985: Medical Staff President, Deaconess Hospital, Evansville, IN

Dr. Smith served on the hospital board, the medical staff council, and numerous committees as Medical Staff President.

1970-1972: General Medical Officer, U.S. Navy, Okinawa, Japan & Bremerton, WA

Dr. Smith served his country in the Vietnam era, received an honorable discharge with final rank of Lieutenant Commander USN.

PRESENTATIONS

Smith, S.P., Nuckolls, J.W., and Horn, R.C.: Pathogenesis of the generalized Schwartzman reaction. Evaluation of platelets as a mediator of the suppressive effect of nitrogen mustard. Archives of Pathology 85:459-462, 1968.

Smith, S.P., Hamburger, R.J., Donohue, J.P., and Grim, C.E. : Occlusion of the artery to a solitary kidney. Restoration of renal function after prolonged anuria. JAMA Vol. 230, No. 9:1306 - 1307, 1974. (Presented in part at the Ninth Annual Meeting, Southeastern Dialysis and Transplant Association , August 16 – 18, 1974. Charleston , South Carolina.

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

AWARDS AND HONORS

William S. Merrill Research Award, 1980
Vanderbilt University Medical School, Nashville, TN

Signature



Date



Stewart P. Smith, Jr., MD (30 April 2008)

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D., Vanderbilt University, Nashville, TN 1964
B.A., Vanderbilt, University, Nashville, TN, 1968
Postdoctoral Fellowship in Nephrology, Indiana University Medical Center, Indianapolis, IN,
1973 - 1975
Assistant Resident in Internal Medicine, Indiana University Medical Center, Indianapolis, IN,
1972 - 1973
Assistant Resident in Internal Medicine, Indiana University Medical Center, Indianapolis, IN,
1969 - 1970
Intern in Internal Medicine, Indiana University Medical Center, Indianapolis, IN, 1968 - 1969

Licensure

Physician's License, State of IN, License No.01022347A

(b) (6)

Certifications

Board Certified, American Board of Internal Medicine in Subspecialty of Nephrology,
Board Certified, American Board of Internal Medicine,
Certified, National Board of Medical Examiners,

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

PROFESSIONAL EXPERIENCE

2006 - Present: Clinical Investigator, Clinical Pharmacology, Covance Clinical Research Unit Inc. Dr. Stewart Smith provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

1975 -- Present: Private Practice, Nephrology, Evansville, IN
Dr. Smith founded the first and only Nephrology practice in Evansville as well as started a city-wide dialysis program.

1996 -- 2000: Medical Director of Dialysis Affiliates, Evansville, IN; Jasper, IN; and Washington, IN
Dr. Smith extended dialysis into surrounding satellite programs.

1975 -- 1996: Medical Director of Dialysis Unit, St. Mary's Medical Center, Evansville, IN
Dr. Smith started the inpatient dialysis program at St. Mary's Medical Center.

1985: Medical Staff President, Deaconess Hospital, Evansville, IN
Dr. Smith served on the hospital board, the medical staff council, and numerous committees as Medical Staff President.

1970-1972: General Medical Officer, U.S. Navy, Okinawa, Japan & Bremerton, WA
Dr. Smith served his country in the Vietnam era, received an honorable discharge with final rank of Lieutenant Commander USN.

PRESENTATIONS

Smith, S.P., Nuckolls, J.W., and Horn, R.C.: Pathogenesis of the generalized Schwartzman reaction. Evaluation of platelets as a mediator of the suppressive effect of nitrogen mustard. Archives of Pathology 85:459-462, 1968.

Smith, S.P., Hamburger, R.J., Donohue, J.P., and Grim, C.E. : Occlusion of the artery to a solitary kidney. Restoration of renal function after prolonged anuria. JAMA Vol. 230, No. 9:1306 - 1307, 1974. (Presented in part at the Ninth Annual Meeting, Southeastern Dialysis and Transplant Association , August 16 - 18, 1974. Charleston , South Carolina.

CURRICULUM VITAE: STEWART P. SMITH JR, M.D.

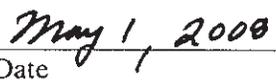
PROFESSIONAL MEMBERSHIPS

Vanderburgh County Medical Society – Member
Indiana State Medical Society
American Medical Association
American Society of Nephrology
American College of Physicians
American Society of Internal Medicine
National Kidney Foundation
Renal Physicians Organization
International Society of Nephrology

AWARDS AND HONORS

William S. Merrill Research Award, 1980
Vanderbilt University Medical School, Nashville, TN


Signature


Date

Ruston Stoltz, MD (20 January 2010)

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D. Degree, American University of the Caribbean, Montserrat, BWI, 1996
Undergraduate, B.S., Biology, University of Southern IN, Evansville, IN, 1990

Licensure

Physician's License, State of IN, License No.01049215A

(b) (6)

Certifications

Board Certified, American Board of Family Medicine, 2005
ACLS, American Heart Association, Evansville, Indiana, 04/2011

Additional Course Work

Clinical Clerkship at Deaconess Hospital, Evansville IN, 1994-1996
Basic Sciences at Montserrat Campus 1992-1994

PROFESSIONAL EXPERIENCE

2006 - Present: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Ruston Stoltz provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/Sub Investigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2000 - 2002: Medical Director, Angel River Nursing Home, Evansville, IN

Dr. Ruston Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control and Quality Assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

PROFESSIONAL EXPERIENCE CONTINUED

1999 – Present: Staff Physician, Deaconess Hospital Family Physician, Evansville, IN

Dr. Ruston Stoltz is responsible for patient care.

1999 - Present: Utilization Review Committee, Heartland Rehabilitation Hospital, Evansville, IN

Dr. Ruston Stoltz is responsible for reviewing patient charts.

1999 – 2004: Clinical Investigator, Staff Physician, West Pharmaceutical Services, Inc. ~ GFI Research Center

Dr. Ruston Stoltz reviewed protocols, assumed safety and welfare of volunteers; served as Principal Investigator and Sub Investigator and worked closely with sponsors to ensure proper trial execution.

1999 – 1998: Staff Physician, Mulberry Center, Evansville, IN

Dr. Ruston Stoltz was responsible for Inpatient physical exams and patient care.

1998 – Present: Staff Physician, Vanderburgh County Department of Corrections, Evansville, IN

Dr. Ruston Stoltz provides health care for inmates while in the County Department of Corrections facility.

1998 – 2002: Student Physician, University of Evansville, Evansville, IN

Dr. Ruston Stoltz provides medical care for students attending the University of Evansville.

1998-1999: Staff Physician, Welborn Immediate Care, Newburgh, IN

Dr. Ruston Stoltz was responsible for patient care.

1998-1999: Medical Director, TriCap, Boonville, IN

Dr. Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control, pharmacy and Quality assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

PROFESSIONAL EXPERIENCE CONTINUED

1997 – 1999: Staff Physician, Deaconess Cross Point, Evansville, IN

Dr. Ruston Stoltz was responsible for inpatient physical exams and patient care.

1996-1999: Resident, Deaconess Family Practice Residency Program, Evansville, IN

Dr. Ruston Stoltz was responsible for the training of residents.

PROFESSIONAL MEMBERSHIPS

Vanderburgh County Medical Society, 1997 – Present

Indiana Academy of Family Practice, 1997 – Present

American Academy of Family Physicians, 1996 – Present

Signature



Date

22 Jan 2010

Ruston Stoltz, MD (29 April 2008)

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Research Unit
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Evansville, Indiana

EDUCATION

M.D. Degree, American University of the Caribbean, Montserrat, BWI, 1996
Undergraduate, B.S., Biology, University of Southern IN, Evansville, IN, 1990

Licensure

Physician's License, State of IN, License No.01049215A
(b) (6)

Certifications

Board Certified, American Board of Family Medicine, 2005

Additional Course Work

Clinical Clerkship at Deaconess Hospital, Evansville IN, 1994-1996
Basic Sciences at Montserrat Campus 1992-1994

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

PROFESSIONAL EXPERIENCE

2006 - Present: Physician, Clinical Pharmacology, Covance Clinical Research Unit Inc.
Dr. Ruston Stoltz provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, responsible for assuring the health and welfare of participants. Responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2000 - 2002: Medical Director, Angel River Nursing Home, Evansville, IN
Dr. Ruston Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control and Quality Assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

1999 - Present: Staff Physician, Deaconess Hospital Family Physician, Evansville, IN
Dr. Ruston Stoltz is responsible for patient care.

1999 - Present: Utilization Review Committee, Heartland Rehabilitation Hospital, Evansville, IN
Dr. Ruston Stoltz is responsible for reviewing patient charts.

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Dr. Ruston Stoltz reviewed protocols, assumed safety and welfare of volunteers; served as Principal Investigator and Sub Investigator and worked closely with sponsors to ensure proper trial execution.

1999 - 1998: Staff Physician, Mulberry Center, Evansville, IN
Dr. Ruston Stoltz was responsible for Inpatient physical exams and patient care.

1998 - Present: Staff Physician, Vanderburgh County Department of Corrections, Evansville, IN
Dr. Ruston Stoltz provides health care for inmates while in the County Department of Corrections facility.

1998 - 2002: Student Physician, University of Evansville, Evansville, IN
Dr. Ruston Stoltz provides medical care for students attending the University of Evansville.

1998-1999: Staff Physician, Welborn Immediate Care, Newburgh, IN
Dr. Ruston Stoltz was responsible for patient care.

CURRICULUM VITAE: RUSTON STOLTZ, M.D.

PROFESSIONAL EXPERIENCE CONTINUED

1998-1999: Medical Director, TriCap, Boonville, IN

Dr. Stoltz oversaw medical care of nursing home residents as well as intervened if nursing staff had problems with other physicians. Dr. Stoltz helped with infection control, pharmacy and Quality assurance functions. Dr. Stoltz worked to develop and improve nursing home policies.

1997 – 1999: Staff Physician, Deaconess Cross Point, Evansville, IN

Dr. Ruston Stoltz was responsible for inpatient physical exams and patient care.

1996-1999: Resident, Deaconess Family Practice Residency Program, Evansville, IN

Dr. Ruston Stoltz was responsible for the training of residents.

PROFESSIONAL MEMBERSHIPS

Vanderburgh County Medical Society, 1997 – Present

Indiana Academy of Family Practice, 1997 – Present

American Academy of Family Physicians, 1996 – Present

AWARDS AND HONORS

Signature



Date

27 Sept 2007

William W. Lewis, MD (20 January 2010)

CURRICULUM VITAE: WILLIAM W. LEWIS, M.D.

CURRENT POSITION

Title:	Physician
Department	Clinical Pharmacology Global Clinical Pharmacology Covance Clinical Research Unit Inc. Dallas, TX

EDUCATION

MS/MM	University of Texas at Dallas/UT Southwestern, 2007
MD	UT Southwestern Medical School, Dallas, TX, 1979
BA	Southern Methodist University, Dallas, TX, 1975

Certifications & Licensure

Medical License, State of Texas, License # F4212
American Board of Urgent Care Medicine, 2006-2014
American Board of Family Practice, 1983-1990, 1990-1997, 1998-2005

PROFESSIONAL EXPERIENCE

2007-Present: Physician, Covance Clinical Research Unit Inc., Dallas, TX

As Principal Investigator, Dr. Lewis is responsible for providing medical coverage for the Covance Clinical Research Unit and for assuring the health and welfare of volunteers at all times before, during, and after involvement in Covance Clinical Research Unit studies. He is the Principal Investigator on selected protocols and is involved in the design and reporting aspects of Phase I research. Dr. Lewis is responsible for performing medical procedures including dose administration and providing support, guidance, and supervision to staff involved in the care of subjects. He assists in subject panel selection, physical examinations, and laboratory assessments on volunteers during the screening process. He is also involved in study initiations and monitoring visits. Dr. Lewis is responsible to act as Principal or Co Investigator on studies in accordance with all applicable regulations.

2003 - 2007: Family Practice Physician, Urgent Care Center, PrimaCare, Dallas, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

CURRICULUM VITAE: WILLIAM W. LEWIS, M.D

2001 – 2003: Family Practice Physician, Urgent Care, CareNow, Dallas, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

2000 – 2001: Family Practice Physician, Plano Medical Associates, Plano, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1998 – 1999: Solo practice Physician, Texas Healthcare, Plano, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1986 – 1998: Medical Director, Urgent Care Center, Richardson Health Center, Richardson, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

1985 – 1986: Family Practice Physician, Cigna Clinic, Garland, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting/HMO.

1984 – 1985: Family Practice Physician, Kaiser Clinic, Lahaina, Maui, HI

Dr. Lewis was responsible for evaluating and treating patients in an office setting/HMO.

1982 – 1984: Solo practice Physician, Farwell Clinic, Farwell, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1980 – 1982: Family Practice Residency, Texas Tech Medical School, Lubbock, TX

Dr. Lewis was responsible for evaluating and treating patients while under supervision and receiving training.

1979 -1980: General Surgery Intern, Lankenau Hospital, Philadelphia, PA

Dr. Lewis was responsible for evaluating and treating patients while under supervision and receiving training.

W L

Signature

21 Jan 2010

Date

William W. Lewis, MD (24 October 2008)

CURRICULUM VITAE: WILLIAM W. LEWIS, M.D.

CURRENT POSITION

Title:	Physician
Department	Clinical Pharmacology Global Clinical Pharmacology Covance Clinical Research Unit Inc. Dallas, TX

EDUCATION

MS/MMM	University of Texas at Dallas/UT Southwestern, 2007
MD	UT Southwestern Medical School, Dallas, TX, 1979
BA	Southern Methodist University, Dallas, TX, 1975

Certifications & Licensure

American Board of Urgent Care Medicine, 2006–2014
American Board of Family Practice, 1983–1990, 1990–1997, 1998–2005

PROFESSIONAL EXPERIENCE

2007-Present: Physician, Covance Clinical Research Unit Inc., Dallas, TX

As Principal Investigator, Dr. Lewis is responsible for providing medical coverage for the Covance Clinical Research Unit and for assuring the health and welfare of volunteers at all times before, during, and after involvement in Covance Clinical Research Unit studies. He is the Principal Investigator on selected protocols and is involved in the design and reporting aspects of Phase I research. Dr. Lewis is responsible for performing medical procedures including dose administration and providing support, guidance, and supervision to staff involved in the care of subjects. He assists in subject panel selection, physical examinations, and laboratory assessments on volunteers during the screening process. He is also involved in study initiations and monitoring visits. Dr. Lewis is responsible to act as Principal or Co Investigator on studies in accordance with all applicable regulations.

2003 – Present: Family Practice Physician, Urgent Care Center, PrimaCare, Dallas, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

CURRICULUM VITAE: WILLIAM W. LEWIS, M.D

2001 – 2003: Family Practice Physician, Urgent Care, CareNow, Dallas, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

2000 – 2001: Family Practice Physician, Plano Medical Associates, Plano, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1998 – 1999: Solo practice Physician, Texas Healthcare, Plano, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1986 – 1998: Medical Director, Urgent Care Center, Richardson Health Center, Richardson, TX

Dr. Lewis was responsible for evaluating and treating patients in an urgent care clinic; including interpreting X-rays and lab results and also supervising staff.

1985 – 1986: Family Practice Physician, Cigna Clinic, Garland, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting/HMO.

1984 – 1985: Family Practice Physician, Kaiser Clinic, Lahaina, Maui, HI

Dr. Lewis was responsible for evaluating and treating patients in an office setting/HMO.

1982 – 1984: Solo practice Physician, Farwell Clinic, Farwell, TX

Dr. Lewis was responsible for evaluating and treating patients in an office setting.

1980 – 1982: Family Practice Residency, Texas Tech Medical School, Lubbock, TX

Dr. Lewis was responsible for evaluating and treating patients while under supervision and receiving training.

1979 -1980: General Surgery Intern, Lankenau Hospital, Philadelphia, PA

Dr. Lewis was responsible for evaluating and treating patients while under supervision and receiving training.

Signature

W L L

Date

08 Jan 2009

Ronald Kapusta, MD (26 May 2009)

CURRICULUM VITAE: RONALD KAPUSTA

CURRENT POSITION

Title: Physician - Contractor
Department: Clinical Pharmacology
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Dallas, Texas

EDUCATION

MD McGill University, Montreal, Canada, 1960
BA Psychology, McGill University, Montreal, Canada, 1956

Licensure

Medical License, State of Texas, License No. E8015

Certifications

Fellow, American College OBS-GYN (by reciprocity), 1974
Fellow, Royal College of Surgeons of Canada, 1967
Specialist Certification in OBS-GYN, Royal College of Canada, 1967

Post Graduate Training

Senior Resident, General Surgery, Sir Mortimer Davis Hospital, Montreal, Canada, 1966-1967
Residency, OBS-GYN, New York Medical College, Metropolitan Medical Center, New York, NY, 1962-1966
Assistant Resident, Internal Medicine, Montreal General Hospital, Montreal, Canada, 1961-1962
Rotating Internship, Sir Mortimer Davis Hospital, Montreal, Canada, 1960-1961

PROFESSIONAL EXPERIENCE

2009 - Present: Physician - Contractor, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Kapusta provides medical coverage for the Covance Clinical Research Unit. As Principal Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants. Dr. Kapusta is responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

CURRICULUM VITAE: RONALD KAPUSTA

PROFESSIONAL EXPERIENCE (Continued)

2007 - 2008: Sub-investigator, Research Across America, Dallas, Texas

Dr. Kapusta acted as an on-site physician, sub-investigator, and participant at new product symposiums.

1995 - 2007: Physician, OBS-GYN, Trinity Medical Center, Dallas, Texas

1995 - 2007: Physician, OBS-GYN, Presbyterian Hospital of Plano, Dallas, Texas

1985 - 1995: Physician, OBS-GYN, RHD Memorial Hospital, Dallas, Texas

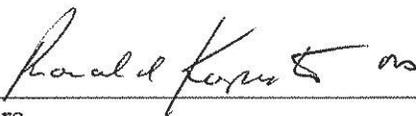
1978 - 1994: Physician, OBS-GYN, Medical City Hospital, Dallas, Texas

1967 - 1978: Physician, OBS-GYN, Sir Mortimer Davis Hospital, Montreal, Canada

1967 - 1978: Physician, OBS-GYN, Reddy Memorial Hospital, Montreal, Canada

PROFESSIONAL MEMBERSHIPS

American College of OBS-GYN
Dallas County Medical Society
Texas Medical Association
Royal College of Canada



Signature

26 MAY 2009

Date

Georgia Latham, MD (25 November 2008)

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Dallas, TX

EDUCATION

MD University of North Carolina School of Medicine, Chapel Hill, NC, 1986
BA Psychology, West Chester State University, West Chester, PA, 1980
AA Human Services, Delaware Technical and Community College, Wilmington, DE, 1978

Certifications & Licensure

North Carolina Medical License: 93-00197

American Board of Family Medicine

(b) (6)



PROFESSIONAL EXPERIENCE

2008–Present: Physician, Covance Clinical Research Unit Inc., Dallas, TX

As a physician, Dr. Latham is responsible for providing medical coverage for the Covance Clinical Research Unit and for assuring the health and welfare of volunteers at all times before, during, and after involvement in Covance Clinical Research Unit studies. She is responsible for performing medical procedures including dose administration and providing support, guidance, and supervision to staff involved in the care of subjects.

2007-2008: Physician Consultant, Lawson Support Services, Sparta NC

Dr. Latham was involved in diagnosis and treatment of mental health care outpatients. Her evaluations included extensive use of MINI International Neuropsychiatry Interview, and diagnosis on Axis I-V based on DSM-IVR criteria. She provided prescriptions and management

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

PROFESSIONAL EXPERIENCE (Continued)

of psychoactive medications. She developed comprehensive treatment plans which included counseling, support groups, and community services.

2003-2008: Medical Director, Mountain Top Clinical Research Center, Sparta, NC

Dr. Latham was responsible for the supervision of all aspects of phase II-IV clinical trials. She ensured adherence to all government and industry regulations including the medical review and approval of all regulatory documentation. Dr. Latham was involved in the preparation and approval of source documentation for data collection and informed consent forms. She ensured final accuracy of all clinical trial data and all adverse events as well as the identification and communication of all safety signals. Dr. Latham also served as medical advisor to the board of trustees and provided ongoing education for hospital staff and community.

1996-2003: Family Physician/Owner, Tarheel Family Medicine/Latham Family Practice, Sparta, NC

Dr. Latham was responsible for providing primary care for all ages in both an outpatient and inpatient setting for chronic and acute medical conditions, and ongoing health maintenance. She remained current and assured adherence with recommendations for diabetes and other chronic disease management. As well, Dr. Latham developed and medically supervised a diabetes support group, support groups for other chronic illnesses, and a cardiac rehabilitation program. She demonstrated and maintained clinical and specialty expertise through ongoing education, current literature, conferences, and journal club meetings. Dr. Latham demonstrated required competencies on a consistent basis through maintenance of board certification and she served as a mentor and advisor for other physicians.

1995-2000: Physician Consultant, New River Behavioral Health Care, Sparta NC

Dr. Latham was responsible for diagnosis and treatment of mental health care outpatients. Diagnosis included extensive use of MINI International Neuropsychiatry Interview. She provided prescriptions and management of psychoactive medications and developed comprehensive outpatient treatment plans. She interacted with the local hospital and psychiatric hospitals in coordinating commitment process and hospital follow up planning for patients with major psychiatric disorders.

1992-1995: Family Practice Residency, Moses H. Cone Family Medicine Residency Program, Greensboro, NC

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

PROFESSIONAL EXPERIENCE (Continued)

Dr. Latham was responsible for providing primary care for all ages in both an outpatient and inpatient setting for chronic and acute medical conditions, and ongoing health maintenance. She developed a residency education program for chronic disease management and health promotion as well as provided education and supervision to junior residents. She demonstrated and maintained clinical and specialty expertise through ongoing education, current literature, and conferences.

1990-1992: Medical Advisor/Clinical Investigator, Department of Endocrinology, Walter Reed Army Medical Center, Washington, DC

Dr. Latham was a medical advisor and medical monitor of all aspects of phase II-III clinical trials for the development of diabetes medication. She ensured adherence to all government and industry regulations. Dr. Latham prepared source documents for data collection and ensured the final accuracy of clinical trial data. She managed and reported adverse events and obtained informed consent for all clinical trial participants.

1988-1993: President/Software Developer, Medical Software Innovation, Rockville, MD

Dr. Latham designed and programmed software for use in clinical research and healthcare for subject recruitment, data collection and reporting, and results analysis and reporting. She provided product information and was involved in the marketing, sales, and education on marketed products. Dr. Latham developed and programmed multiple rating scales and assessment tools for psychiatric research used at NIMH, Walter Reed Army Institute of Research, Mt. Sinai Department of Psychiatry in New York, and for case management of employee assistance programs through and Institute of Human Resources.

1987-1991: Medical Advisor/Guest Researcher, Unit on Geriatric Psychopharmacology, National Institutes of Health, Bethesda, MD

Dr. Latham was a medical advisor and medical monitor of all aspects of phase I-II clinical trails. She provided medical support for protocol development, study design, subject recruitment, data analysis, and reporting. She also developed source documents and case report forms. Dr. Latham attended protocol development and team meetings and was involved in publication preparation. Her use of multiple tools for diagnosis and differentiation of neuropsychiatry disorders was very extensive. She also presented at national conferences, professional organizations, universities and she remained informed of current developments within pertinent medical and scientific communities through familiarity with current literature and meetings.

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

PROFESSIONAL EXPERIENCE (Continued)

1987-1989: Medical Consultant for Pharmacological Trials, Department of Behavioral Biology, Walter Reed Army Institute of Research, Silver Spring, MD

Dr. Latham was a medical advisor and medical monitor of all aspects of phase I clinical trials. She provided medical support for protocol development, study design, subject recruitment, data analysis and reporting. Dr. Latham attended protocol development and team meetings and she developed source documents and case report forms. Dr. Latham remained informed of current developments within pertinent medical and scientific communities through familiarity with current literature.

1986-1987: Medical Writer, National Institute of Occupational Safety and Health, Bethesda, MD

Dr. Latham was responsible for the review and concise reporting of study design, data collection, results, and implications for medical aspects of occupational safety and health research.

1986: Psychiatric Internship, Eastern Pennsylvania Psychiatric Institute, Philadelphia PA

Dr. Latham served as a house officer on an inpatient psychiatric unit for committed patients and in the emergency department. She was involved in evaluation, diagnosis and treatment of psychiatric inpatients with major psychiatric disorders. Dr. Latham provided management throughout hospitalization, including initial evaluation, medication management, stabilization of psychosis, commitment proceedings, and long-term disposition. Diagnosis was based on DSM-III criteria and included use of multiple diagnostic tools. She evaluated and arranged disposition for patients presenting to the emergency department with psychiatric manifestations.

1983-1985: Psychiatric Research, Department of Psychiatry, University of North Carolina, Chapel Hill NC

Dr. Latham served as a clinical research assistance involved in development of databases and software for psychiatric research.

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

PUBLICATIONS

Rankin ML, **Latham GS**, Peters R, and Penetar DM: The effects of 48 hours of total sleep deprivation on physiology, mood, behavior, and memory. Proceedings of Human Factors Society, 33rd Annual Meeting, 625-629, 1989.

Latham GS, Lawlor BA, Radcliffe JL, Sunderland T: Computerized database management system for telephone screening geriatric outpatients. The Gerontologist, 29:286, 1989.

Latham GS, Martinez RA, and Sunderland T: Computer system for monitoring drug effects in psycho-pharmacologic research. Proceedings of the Fourteenth Annual Symposium on Computer Applications in Medical Care, 12:831-848, 1990.

Radcliffe JM, **Latham GS**, Sunderland T, and Lawlor BA: Computer-assisted telephone screening: a new system for patient evaluation and recruitment. Proceeding of the Fourteenth Annual Symposium on Computer Application in Medical Care, 12:845-848, 1990.

AM Meadowcroft, PR Diaz, and **GS Latham**: Clostridium difficile toxin-induced colitis after use of clindamycin phosphate vaginal cream. *The annuals of Pharmacotherapy*: Vol. 32, No. 3, pp. 309-311, 1998.

ABSTRACTS

Latham GS, Martinez RA, and Sunderland T: Computerized assessment battery for psychopharmacologic trials. American Association on Geriatric Psychiatry Third Annual Meeting and Symposium, San Diego, CA, February 19, 1990.

Latham GS, Lawlor BA, Radcliff JL, and Sunderland T: Computerized database management system for telephone screening geriatric outpatients. American Association of Geriatric Psychiatry Third Annual Meeting and Symposium, San Diego, CA, February 19, 1990

Martinez RA, Molchan S, **Latham GS**, Weingartner H, and Sunderland T: Attenuation of scopolamine-induced cognitive impairments by dextroamphetamine in you normals. Society of Biological Psychiatry 45th Annual Meeting, New York, NY, may 20, 1991.

SELECTED PRESENTATIONS

"Geriatric Outpatient Telephone Screening", National Institutes of Health, Clinical Center, Bethesda, MD, November 15, 1989.

"Nursing Roles in research", Charles County Community College, Nursing Department, White Plains, MD, April 20, 1990.

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

SELECTED PRESENTATIONS (Continued)

"Computerized Databases, Applications for Clinical Research", Mount Sinai Medical Center, Department of Psychiatry, New York, NY, April 27, 1990.

"Computer System for Monitoring Drug Effects in Psychopharmacologic Research", Fourteenth Annual Symposium on Computer Applications in Medical Care, Washington, DC, November 6, 1990.

"Computer Assisted Screening of geriatric Patients", 43rd Annual Meeting of the Gerontological of America, Boston, MA, November 20, 1990.

Treatment of HIV by Primary Care Providers", Moses H. Cone Memorial Hospital, February, 1995.

"Role of Nutrition in Diabetes", CHATS Group, Sparta, NC, July 22, 2000.

Breast Cancer Prevention", Alleghany County Cancer Support Group, Sparta, NC, October 25, 2001.

"Skin Cancer Awareness", Alleghany County Cancer Support Group, Sparta NC, February 2002.

"Access to Care", North Carolina Medical Society, Alleghany-Surry-Yadkin County Society, Elkin, NC, December 2004.

"Depression in Cancer Patients", Rainbow of Hope Cancer Support Group, Sparta, NC, February 2005.

"Lifestyle Modifications in Diabetes", Alleghany County Diabetic Support Group, Sparta, NC, November 2005.

"Glycemic Index", Alleghany County diabetic Support Group, Sparta, NC, November 2006.

"Pharmacologic Evolution of Treatment of Diabetes", Alleghany County Diabetic Support Group, Sparta, NC, November 2007-February 2008

PROFESSIONAL MEMBERSHIPS

1995-2007	North Carolina Medical Society
2003-2005	Secretary-Treasurer of Local Chapter
2002-2004, 2007	State Delegate for Local Chapter

CURRICULUM VITAE: GEORGIA LATHAM, M.D.

HONORS

2003	Physician of the Year
2000, 2002	Who's Who in Executives and Businesses
1995	American Academy of Family Physicians Residency Teaching Award
1992	Who's Who Among Rising Young Americans in Society and Business
1986	Academic Honors-Senior Year Medical School
1982-1986	North Carolina Board of Governors Scholar
1980	Magna cum Laude, West Chester State University
1979	Psi Chi Membership, National Honor Society


Signature _____ Date 08 JAN 2009

C. James Kissling, MD (21 May 2009)

CURRICULUM VITAE: C. JAMES KISSLING

CURRENT POSITION

Title: Medical Director
Department: Clinical Pharmacology
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Dallas, Texas

EDUCATION

MD Medical College of Ohio at Toledo, Toledo, Ohio, 1980
BS Biology, University of Toledo, Toledo, Ohio, 1977

Licensure

(b) (6)

Medical License, State of Nebraska, License No. 16342
Medical License, State of Ohio (inactive)

Certifications

Recertification in Advanced Cardiac Life Support, 2008-2010
Recertification in Neonatal Resuscitation, 2004
Recertification by the American Board of Family Practice, 2003-2013
Certification in Advanced Trauma Life Support, 1984
Fellow, American Academy of Family Physicians, 1984
Completion of Residency in Family Practice, American Academy of Family Physicians, 1983

Post Graduate Training

Resident, Family Practice, Medical College of Ohio at Toledo, Toledo, Ohio, 1983

CURRICULUM VITAE: C. JAMES KISSLING

PROFESSIONAL EXPERIENCE (Continued)

2009 - Present: Medical Director, Clinical Pharmacology, Covance Clinical Research Unit Inc.

Dr. Kissling provides supervision and direction to the physicians of the Covance Clinical Research Unit, as appropriate. He ensures that there is proper medical coverage from the physicians to cover the medical safety to the unit during all hours of operation. Dr. Kissling is involved with clients for medical consultation on study design and safety for early clinical phases of drug development. He interfaces with the medical staff and clients to ensure proper study designs and notification of serious adverse events to the sponsors.

Dr. Kissling provides medical coverage for the Covance Clinical Research Unit. As Principle Investigator/SubInvestigator, he is responsible for assuring the health and welfare of participants. Dr. Kissling is responsible for performing medical procedures, responsible for proper conduct of the study trial, and responsible for all trial related medical decisions.

2004 - 2009: Principal Investigator, MDS Pharma Services, Lincoln, Nebraska

2004 - 2009: Physician (part time), Emergency Room, Pawnee County Memorial Hospital, Pawnee, Nebraska

2000 - 2009: Medical Director, Lincoln Crisis Pregnancy Center, Lincoln, Nebraska

1995 - 2004: Disability Medical Examiner, State of Nebraska

1994 (Summer): Short-term Medical Missionary, Russia

1989 - 2004: Physician (part time), LincCare, Urgent Care Center, Lincoln, Nebraska

1987 (Summer): Short-term Medical Missionary, Haiti

1983 - 2009: Active Medical Staff, BryanLGH Medical Center, Lincoln, Nebraska

1983 - 2004: Family Physician, Lincoln Family Medical Group P.C., Lincoln, Nebraska

1983 - 2004: Active Medical Staff, St. Elizabeth Regional Medical Center, Lincoln, Nebraska

PUBLICATIONS

Bakker, A.B.H., Python, C., Kissling, C.J., Pandya, P., Marissen, W.E., Brink, M.F., Lagerwerf, F., Worst, S., van Corven, E., Kostense, S., Hartmann, K., Weverling, G.J., Uytdehaag, F., Herzog, C., Briggs, D.J., Rupprecht, C.E., Grimaldi, R., and Goudsmit, J., "First Administration to Humans of a Monoclonal Antibody Cocktail Against Rabies Virus: Safety, Tolerability, and Neutralizing Activity," Vaccine, 26(47): 5,922-5,927, 2008.

Lauring, B., Rosko, K., Luo, W.L., Wenning, L., Kissling, J., Roupe, K., Paolinia, J.F., Wagener, J., and Laia, E., "A Comparison of the Pharmacokinetics of Two Different Formulations of Extended-Release Niacin," Current Medical Research and Opinion, 77(7): 300-7,995, 2008.

Cefali, E.A., Simmons, P.D., Stanek, B.J., McGovern, M.E., and Kissling, C.J., "Aspirin Reduces Cutaneous Flushing after Administration of an Optimized Extended-Release Niacin Formulation," International Journal of Clinical Pharmacology and Therapeutics, 45(2): 78-88, 2007.

ABSTRACTS

Hutchaleelaha, A., Ye, C., Lambing, J., Desai, M., Kissling, C.J., Romanko, K., Liu, H.D., and Gretler, D., "Metabolism and Excretion of PRT060128, a New Direct-acting, Reversible P2Y₁₂ Inhibitor, in Healthy Human Subjects," American Association of Pharmaceutical Scientists (AAPS), 2007.

PROFESSIONAL MEMBERSHIPS

Past Member, American Academy of Family Physicians
Past Member, Nebraska Academy of Family Physicians
Past Member, Lancaster County Medical Society
Past Member, Christian Medical and Dental Associations

Signature



Date

08 JUN 2009

Neha Pravin Ghael, DO (19 January 2009)

CURRICULUM VITAE: NEHA PRAVIN GHAEEL, D.O.

CURRENT POSITION

Title: Physician
Department: Clinical Pharmacology
Clinical Pharmacology
Covance Clinical Research Unit Inc.
Dallas, TX

EDUCATION

M.P.H. Nova Southeastern University, College of Osteopathic Medicine, Ft. Lauderdale, FL,
2007
D.O. University of North Texas Health Science Center, College of Osteopathic Medicine,
2000
M.S. University of Texas at San Antonio, 1996
Major: Biology
B.S. University of Alabama at Huntsville, 1993
Major: Biological Sciences

Licensure

Licensed Physician in the state of Texas, through 2009, # L6907
DEA License in the State of Texas, through 2009
DPS License in the State of Texas, through 2009

Certifications

Board Certified in Family Practice, 2003-2011
BLS certification through 2009

PROFESSIONAL EXPERIENCE

06/2006-Present: Physician, Covance Clinical Research Unit Inc., Dallas, TX

I provide medical coverage for the Covance Clinical Research Unit, Inc.. As Principal Investigator/ Sub Investigator, I support the Study Manager, Project Manager and Site Director as appropriate. I am responsible for evaluating eligibility and assuring the health and welfare of participants. This involves obtaining/reviewing medical histories, physical examinations, adverse event monitoring, and ECG/lab interpretation. I am also responsible for performing medical procedures (including dose administration), for proper conduct of the study trial and for all trial-related medical decisions. I also review and evaluate Phase I study protocols of the investigational drugs, devices and biomarkers, provide clinical and scientific support.

CURRICULUM VITAE: NEHA PRAVIN GHAEI, D.O

PROFESSIONAL EXPERIENCE (Continued)

01/2008-Present: Center Medical Director, PrimaCare Medical Center, Cedar Hill, TX

Promoted to Medical Director. Duties include: evaluating and treating patients in an urgent care setting (see next section for details); evaluating/interpreting lab results, X-rays and ECGs; supervising staff; attending monthly meetings to evaluate the performance of the center; scheduling; auditing charts and other administrative duties.

2003-Present: Physician, PrimaCare Medical Center, Dallas, TX

I work in an outpatient settings in which I treat both acute and chronic conditions, ranging from upper respiratory illnesses to orthopedic injuries to diabetes mellitus to preventative medicine. Procedures include removing ingrown nails, electrocautery of papillomas, pap smears, incision and drainage of abscesses, in-office treatment of verruca, removal of IUD's, suturing lacerations, interpreting electrocardiograms and radiographs, splinting and casting orthopedic injuries, and performing osteopathic manipulative treatment. Currently see between 25-35 patients per day.

2000-2003: Family Practice Residency, NOVA Southeastern University College of Osteopathic Medicine, Ft. Lauderdale, FL

Residency experience included rotations at Broward General Medical Center, a 700+ bed county hospital. These rotations consisted of six months of Internal Medicine and additional months in various areas such as Ob-Gyn, Pediatrics, Emergency Medicine, Cardiology, Gastroenterology, and General Surgery. Duties included performing up to 20+ admissions per shift, including obtaining complete histories and physicals, writing admission orders, and managing the patients until discharged from the hospital. Spent 1-2 days per week in our family practice continuity care clinic where I managed a wide variety of medical diagnoses and performed procedures such as shave biopsies, trigger point injections, endometrial biopsies, incision and drainage of abscesses. Residents were also responsible for ICD-9 codes and billing.

RESEARCH EXPERIENCE

1995-1996: Research assistant, University of Texas at San Antonio, San Antonio, TX

Research assistant, Division of Life Sciences, under the supervision of Dr. Paul H. Rodriguez, Ph.D. Studied the effects of the chemical mutagen ethyl methanesulfate (EMS) on populations of *Aedes aegypti* mosquitoes in terms of egg production, percent hatchability, and F1 progeny viability.

CURRICULUM VITAE: NEHA PRAVIN GHAEI, D.O

AWARDS AND HONORS

Graduated *Magna Cum Laude* from UTSA, 1996
Graduated *Cum Laude* from UAH, 1993
Honor Scholar, UAH, Spring 1992, Fall 1992 & winter 1993
Dean's List for College of Science, UAH, Spring 1992
Alpha Lambda Delta Honor Society, UT, 1990
Optimist Award for "Youth in Medicine" in the city San Antonio, 1989
Valedictorian of Northside Health Careers High School, San Antonio, TX, 1989

PROFESSIONAL ORGANIZATIONS

American Osteopathic Association
Texas Osteopathic Association
American Academy of Family Physicians
American College of Osteopathic Family Physicians
American Association of Physicians of Indian Origin

COMMUNITY/CIVIC ACTIVITIES

Volunteer walker in the Susan G. Komen 3-Day (walked 60 miles in 3 days to raise money for Breast Cancer research), Dallas, TX, Oct 2007
Treasurer, Network of Indian Professionals (Net-IP), Dallas, TX, 2005-06
Volunteer, performed school sports physicals for the North Broward Hospital District Sports Medicine Program, Ft. Lauderdale, FL, 2002-03
Volunteer in medical clinics in underserved regions in the greater Ft. Lauderdale area, 2000-01
Volunteer, St. Luke's Hospital, Emergency Department, and San Antonio-96

Neha Pravin Ghai, D.O.
Signature

19 Jan 2009
Date