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Declaration of Rachel Clattenburg
Public Citizen v. FDA et al., 16-cv-781

CURRICULUM VITAE

BIOGRAPHICAL

NAME: David A. Brent, M.D.

(b) (6)

HOME PHONE: 412.421.0897

EMAIL ADDRESS:

BrentDA@upmc.edu

OFFICE PHONE: 412.246.5596

OFFICE FAX:

412.246.5344

OFFICE ADDRESS: Western Psychiatric Institute
and Clinic
3811 O'Hara Street
311 Bellefield Towers
Pittsburgh, PA 15213

EDUCATION & TRAINING

UNDERGRADUATE:

1970-1972

Pennsylvania State University
State College, PA 16802

B.S., General Science, 1972,
with high distinction

GRADUATE:

1970-1974

Jefferson Medical College,
Philadelphia, PA 19107

M.D., Medicine, 1974

1982-1987

University of Pittsburgh,
Graduate School of Public Health
Pittsburgh, PA 15213

M.S.Hyg, Epidemiology,
1987

POSTGRADUATE:

1974-1975

University of Colorado Medical Center
Denver, CO 80220

Internship, Pediatrics
Director: Richard Krugman,
M.D.

1975-1976

University of Colorado Medical Center
Denver, CO 80220

PL-2 year and Fellowship in
Psychosocial Pediatrics
Directors: Barton Schmitt,
M.D., and Dane Prugh, M.D

1978-1982

Western Psychiatric Institute and Clinic,
Pittsburgh, PA 15213

Residency in Child and
General Psychiatry Director:
Peter B. Henderson, M.D.

No. of Attendees: 36
Where: Western Psychiatric Institute and Clinic

Course Name: **Post-Doctoral Research Seminar**
Year: 1992-1995
Description: Lectures provided to Post-Doctoral Fellows
To whom: Post-Doctoral Fellows
No. of times: 37
No. of Students: 7-10
Where: Western Psychiatric Institute and Clinic

Course Name: **Epidemiology of Suicide**
Year: 1992-Present
Description: Lecture presented to pediatrics, nursing, public health, psychiatry, social work students
To whom: Pediatrics, nursing, public health, psychiatry, social work students
No. of times: Ongoing
No. of Students: Varied
Where: Western Psychiatric Institute and Clinic/University of Pittsburgh

Course Name: **Child Psychiatry Journal Club Seminar Series**
Year: 1995 -2001
Description: Lectures/workshops provided to Child Residents on various topics
To whom: Child Psychiatry Residents/Fellows
No. of times: Monthly
No. of Students: Varied
Where: Western Psychiatric Institute and Clinic

Course Name: **Treatment of Adolescent Depression**
Year: 1995-Present
Description: Treatment of Adolescent Depression
To whom: Child Psychiatry Residents/Fellows
No. of times: Annually
No. of Students: Varied
Where: Western Psychiatric Institute and Clinic

OTHER TEACHING ACTIVITIES

POST-DOCTORAL FELLOWS:

(b) (6)

†received external funding
*received career awards

(b) (6)



MEDICAL RESIDENTS-SCHOLARLY PROJECTS

(b) (6)

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SERVICE ON DISSERTATION COMMITTEES:

(b) (6)

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SUPERVISION OF RESIDENTS IN CHILD PSYCHIATRY:

Weekly supervision of: (b) (6)

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SPONSOR FOR CAREER AWARDS:

(b) (6)

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(b) (6)



SPONSOR FOR KLINGENSTEIN THIRD GENERATION FOUNDATION FELLOWSHIP IN CHILD AND ADOLESCENT DEPRESSION:

(b) (6)



MENTOR FOR AMERICAN FOUNDATION FOR SUICIDE PREVENTION YOUNG INVESTIGATOR AWARD:

(b) (6)



MENTOR FOR NARSAD YOUNG INVESTIGATOR AWARD:

(b) (6)

MENTOR FOR EMMERLING FUND, THE PITTSBURGH FOUNDATION YOUNG INVESTIGATOR AWARD:

(b) (6)

RESEARCH

Grant Number (Funded)	Grant Title	Role in Project	Years Inclusive	Source
AA-81	"An Epidemiological Study of Suicide Among Youths 10-19 in Allegheny County". (1959-1980) (b) (4)	Principal Investigator (PI),	1984-86	Health Research and Services Foundation
85M05914601S	The Prevention of Suicide: A Review	Co-Principal Investigator	1985	National Institute of Mental Health
1060	Behavioral and Cognitive Effects of Anticonvulsants in Children with Epilepsy. (direct costs (b) (4))	Principal Investigator	1985-1987	Epilepsy Foundation of America
K08MH00581	Neuropsychiatric Disorders in Children with Epilepsy (direct costs \$159,750). Clinical Investigator Award	Principal Investigator	1985-1988	National Institute of Mental Health
N/A	Services for Teens at Risk (years-to-date \$12,650,000)	Director	1989-present	Commonwealth of Pennsylvania
		Co-Director	1986-1989	
87-1133-87	Consortium on Adolescent Bereavement (direct costs (b) (4))	Chairperson	1986-1987	William T. Grant Foundation
86-1063-86	Adolescent Suicide & Suicidal Behavior: Cognitive Coping Style, Environmental	Principal Investigator	1986-1989	William T. Grant Foundation

CURRICULUM VITAE

Abdelmonem A. Afifi

Business Address and Personal Data

Address: School of Public Health, UCLA
Box 951772, Los Angeles, CA 90095
Telephone: 310-825-0707
Fax: 310-267-2113
Email: afifi@ucla.edu

Education

9/1955-6/59 B.Sc. (Honors) Cairo University, Cairo, Egypt (Mathematics)
9/1960-6/62 M.S. University of Chicago, Illinois (Statistics)
9/1962-1/65 Ph.D. University of California, Berkeley (Statistics)

Professional Positions (UCLA)

2008-present Professor Emeritus, Biostatistics, School of Public Health and
Biomathematics, School of Medicine
2007- 2010 Co-director, Southern California Injury Prevention Research
Center
1975- 2008 Professor, Biostatistics, School of Public Health and
Biomathematics, School of Medicine
1987-2000 Dean, School of Public Health
1985-1987 Acting Dean, School of Public Health
1977-1980 Head, Biostatistics Division, School of Public Health
1975-1976 Head, Biostatistics Division, School of Public Health
1971-1975 Associate Professor, Biostatistics, School of Public Health and
Biomathematics, School of Medicine
1965-1971 Assistant Professor, Biostatistics, School of Public Health

Professional Positions (Other)

1976-1977 Guest Scholar: International Institute of Applied Systems Analysis
Laxenburg, Austria
1974-1975 Guest Scholar: International Institute of Applied Systems Analysis
Laxenburg, Austria
1/1965-8/1965 Visiting Assistant Professor: Department of Statistics,
University of Wisconsin, Madison
1963-1965 Teaching and Research Assistant: University of California, Berkeley
1961-1963 Researcher: The Pure Oil Co., Research Center, Crystal Lake, Illinois
1959-1960 Demonstrator: Mathematics, Cairo University, Cairo, Egypt

Scientific Organization Memberships

American Public Health Association

Fall	2011	PH150 - Guest lecture on Biostatistics
Spring	2012	Bios 406
Summer	2012	PH150 - Guest lecture on Biostatistics
Fall	2012	PH150 - Guest lecture on Biostatistics
Spring	2013	Bios 406
Summer	2013	2-day course in Clinical Research, Jules Stein Eye Institute
Summer	2013	PH150 - Guest lecture on Biostatistics
Fall	2013	PH150 - Guest lecture on Biostatistics
Spring	2014	Bios 406

Chair of Doctoral Committee

(b) (6)

Ph. D.	6-1968	
Ph.D.	6-1969	
Ph.D.	6-1969	
Ph.D.	8-1969	
Ph.D.	4-1970	
Ph.D.	12-1970	
Ph.D.	5-1971	
Ph.D.	7-1971	
Dr. P.H.	6-1971	(co-chair)
Ph.D.	3-1973	
Ph.D.	8-1973	
Ph.D.	10-1973	
Ph.D.	8-1974	
Ph.D.	12-1976	
Ph.D.	3-1981	
Ph.D.	5-1981	(co-chair)
Ph.D.	9-1985	(co-chair)
Ph.D.	12-1985	
Ph.D.	6-1985	
Dr. P.H.	6-1987	(co-chair)
Ph.D.	6-1987	(co-chair)
Ph.D.	12-1987	
Dr. P.H.	9-1989	
Ph.D.	6-1993	(co-chair)
Dr. P.H.	3-1996	(co-chair)
Ph.D.	12-1999	
Dr. P. H.	3-2008	(co-chair)

Member of Doctoral Committee

(b) (6)

Ph.D.	8-1966
Ph.D.	12-1966
Dr. P.H.	3-1968
Dr. P.H.	6-1968
Dr. P.H.	9-1968
Ph.D.	12-1968
Ph.D.	8-1969

(b) (6)

Dr. P.H.	12-1969
Ph.D.	3-1970
Dr. P.H.	3-1970
Ph.D.	6-1970
Dr. P.H.	6-1970
Ph.D.	6-1970
Dr. P.H.	8-1970
Dr. P.H.	deceased
Ph.D.	12-1970
Ph.D.	2-1971
Ph.D.	5-1971
Ph.D.	8-1971
Dr. P.H.	8-1971
Dr. P.H.	9-1971
Ph.D.	11-1971
Ph.D.	5-1972
Ph.D.	5-1972
Dr. P.H.	6-1972
Dr. P.H.	9-1972
Ph.D.	11-1972
Dr. P.H.	12-1972
Dr. P.H.	1-1973
Ph.D.	4-1973
Ph.D.	8-1973
Dr. P.H.	8-1973
Ph.D.	2-1974
Dr. P.H.	9-1974
Dr. P.H.	9-1974
Dr. P.H.	9-1974
Dr. P.H.	12-1974
Ph.D.	8-1975
Ed.D.	11-1975
Ph.D.	12-1975
Ph.D.	6-1976
Ph.D.	6-1976
Ph.D.	6-1976
Ph.D.	6-1976
Dr. P.H.	6-1976
Dr. P.H.	6-1976
Dr. P.H.	6-1976
Dr. P.H.	6-1976
Dr. P.H.	6-1976
Dr. P.H.	6-1977
Ph.D.	6-1978
Dr. P.H.	6-1978
Ph.D.	6-1978
Ph.D.	2-1979
Ph.D.	6-1979
Ph.D.	9-1979
Ph.D.	9-1980

(b) (6)

Ph.D.	11-1980
Ph.D.	5-1981
Ph.D.	3-1981
Dr. P.H.	6-1981
Ph.D.	6-1981
Ph.D.	6-1981
Ph.D.	12-1981
Ph.D.	12-1981
Ph.D.	12-1981
Ph.D.	3-1982
Ph.D.	6-1982
Ph.D.	6-1982
Ph.D.	5-1984
Ph.D.	5-1984
Ph.D.	6-1984
Ph.D.	6-1984
Ph.D.	2-1985
Ph.D.	3-1985
Dr. P.H.	3-1985
Ph.D.	6-1985
Ph.D.	6-1985
Ph.D.	1-1986
Ph.D.	2-1986
Dr. P.H.	12-1986
Ph.D.	6-1987
Ph.D.	6-1987
Dr. P.H.	12-1987
Dr.P.H.	6-1988
Ph.D.	3-1989
Ph.D.	6-1989
Ph.D.	6-1989
Ph.D.	9-1989
Ph.D.	6-1990
Ph.D.	9-1990
Dr. P.H.	6-1991
Ph.D.	12-1991
Ph.D.	5-1993
Dr. P.H.	9-1993
Ph.D.	6-1996
Ph.D.	6-1996
Ph.D.	3-1997
Ph.D.	6-1997
Ph. D.	6-1997
Ph.D.	6-1999
Ph. D.	12-1999
Ph.D.	5-2002
Ph.D.	5-2002
Ph.D.	8-2002
Dr. P. H.	10-2002
Ph.D.	6-2003

(b) (6)

Ph.D.	12-2003
Ph.D.	12-2003
Ph.D.	9-2004
Ph. D.	4-2004
Ph. D.	6-2004
Ph. D.	6-2004
Dr. P. H.	12-2004
Ph. D.	9-2005
Ph. D.	6-2006
Ph. D.	3-2006
Ph. D.	4-2006
Ph. D.	12-2006
Ph. D.	6-2006
Ph. D.	6-2006
Ph. D.	6-2008
Ph. D.	2-2006
Ph. D.	5-2006
Dr. P. H.	6-2006
Dr. P. H.	6-2006
Dr. P. H.	8-2006
Ph. D.	11-2006
Ph. D.	10-2007
Ph. D.	2-2007
Ph. D.	5-2007
Ph. D.	5-2007
Ph. D.	10-2007
Ph. D.	2-2008
Ph. D.	4-2007
Ph. D.	6-2008
Ph. D.	6-2008
Dr. P. H.	12-2008
Ph. D.	2-2009
Ph. D.	4-2009
Ph. D.	6-2009
Ph. D.	11-2009
Ph. D.	7-2010
Ph. D.	7-2009
Ph. D.	12-2009
Ph. D.	12-2009
Ph. D.	2-2006
Ph. D.	9-2008
Ph. D.	5-2010
Ph. D.	3-2009
Ph. D.	3-2010
Ph. D.	5-2010
Ph. D.	7-2014
Dr. P. H.	3-2011
Ph. D.	6-2011
Ph. D.	8-2012
Dr. P. H.	3-2013

(b) (6)

Ph. D.	12-2012
Ph. D.	6-2011
Ph. D.	3-2013
Ph. D.	12-2013
Ph. D.	9-2013
Ph. D.	8-2013
Ph. D.	9-2012
Ph. D.	5-2013
Ph. D.	
Ph. D.	5-2014
Ph. D.	5-2014
Ph. D.	
Ph. D.	
Ph. D.	
Ph. D.	
Ph. D.	
Ph. D.	

Member of Masters Committee

(b) (6)

M.S.P.H.	6-1968
M.S.P.H.	12-1968
M.S.P.H.	8-1970
M.S.P.H.	8-1970
M.S.P.H.	9-1972
M.S.P.H.	9-1974
M.S.P.H.	9-1974
M.S.P.H.	6-1976
M.S.P.H.	6-1976
M.S.P.H.	6-1982
M.S.	12-2012

CURRICULUM VITAE**EVAN YALE SNYDER, M.D., PH.D., F.A.A.P**

Home: -----(b)(6)-----
 -----(b)(6)-----

Office/Laboratory: Burnham Institute for Medical Research (BIMR)
 Director, Program in Stem Cell & Regenerative Biology)
 Director, Stem Cell Research Center
 10901 North Torrey Pines Road, Room 7261, La Jolla, California 92037 USA
 Phone: (858) 646-3158; Fax: (858) 713-6273; Cell Phone: 617-686-5361
 E-mail: esnyder@burnham.org or evan.snyder@childrens.harvard.edu

EDUCATION:

1973 B.A. University of Pennsylvania, Philadelphia, PA
Summa cum laude; Highest Honors, Psychology)
 1974 Oxford University, Oxford, U.K. (M.Sc. Program in Psychology)
 1974 Linguistics Institute of the Linguistics Society of America, Amherst, MA
 1980 M.D. University of Pennsylvania School of Medicine, Philadelphia, PA
 1980 Ph.D. University of Pennsylvania, Philadelphia, PA
 (Graduate Committee of Anatomy [Neuroscience])
 (Medical Scientist Training Program, National Institutes of Health)

INTERNSHIPS & RESIDENCIES:

1980-83 Resident in Pediatrics
 Children's Hospital-Boston, Harvard Medical School, Boston, MA
 (------(b)(6)-----)
 1983-84, 1986-87 Resident in Neurology (Pediatric Neurology)
 Harvard Longwood Neurology Training Program,
 Harvard Medical School, Boston, MA
 (------(b)(6)-----)
 1984-85 Chief Medical Resident, Children's Hospital-Boston,
 Harvard Medical School, Boston, MA
 (------(b)(6)-----)
 1987 Chief Neurology Resident, Children's Hospital-Boston
 Harvard Medical School, Boston, MA
 (------(b)(6)-----)
 (9/17/09)

FELLOWSHIPS:

- 1985-86; 1988-91 Clinical Fellow & Junior Attending in Medicine (Neonatology, Newborn Intensive Care), Joint Program in Neonatology, Children's Hospital-Boston, Harvard Medical School, Boston, MA
(-----)(b)(6)-----)
- 1985-92 Postdoctoral Research Fellow
Department of Genetics, Harvard Medical School, Boston, MA
(-----)(b)(6)-----)
[Concurrent with Clinical Residencies, Fellowships, & Attending Position]

ACADEMIC APPOINTMENTS & POSITIONS:

- 1989-2003- Attending Physician in Pediatrics (Neonatology, Neurology)
Joint Program in Neonatology
Dept. of Neurology, Children's Hospital-Boston
Harvard Medical School, Boston, MA
- 1992-1995 Instructor in Neurology (Neonatology)
Harvard Medical School, Boston, MA
[Independent Laboratory Established]
- 1996-2003 Assistant Professor in Neurology
Harvard Medical School, Boston, MA
- 2003-present Professor
Director, Program in Stem Cell & Regenerative Biology
Director, Stem Cell Research Center
Center Leadership Team, Del E. Webb Center for Neuroscience, Stem Cells, & Aging
Burnham Leadership Team
Burnham Scientific Program Advisory Committee
Burnham Institute for Medical Research, La Jolla CA
Molecular Pathology Graduate Program, University of California, San Diego
Biomedical Sciences Graduate Program, University of California, San Diego
Founding Coordinator, *Southern California Stem Cell Consortium*
Scientific Steering Committee, *San Diego (Sanford) Consortium for Regenerative Medicine*
Faculty Attending Neonatologist, Dept. of Pediatrics *University of California, San Diego*
(Director, Basic Science Training, Division of Neonatology, Dept. of Pediatrics)
- 2008-present Associate, Sanford Pediatric Research Center, *Burnham Institute for Medical Research*

LICENSES & CERTIFICATION:

- 1981 Diplomate, National Board of Medical Examiners (--)(b)(6)--)
- 1985 Board certified, American Academy of Pediatrics (--)(b)(6)--)
- 1986 Permanent licensure, Registry of Medicine, Massachusetts (#55687)
- 1989- Federal Drug Enforcement Administration (DEA) Controlled Substances Registration (----)(b)(6)----) (Schedules 2, 2N, 3, 3N, 4, 5)
- 1989- Commonwealth of Massachusetts Controlled Substances Registration
(---)(b)(6)---) (Schedules 2, 3, 4, 5, 6)

NIH/NIBIB, ZEB1 OSR-C (A1) S Loan Repayment Proposals (LRP), (May 18, 2007)

NIH -- Special Emphasis Panel IRG/SRG: ZNS1 SRC (99) for NINDS (June, 2007)

NIH – Neurological Sciences & Disorders K (NINDS) – ad hoc – June 28, 2007

NIH -- CNNT (Clinical Neuroplasticity & Neurotransmitter) Study Section – ad hoc – Feb. & June 2008

NIH -- Charter member – Clinical Neuroplasticity & Neurotransmitter (CNNT) study section (2008-present)

TRAINEES IN LABORATORY:

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---(b)(6)-----	---(b)(6)---	---(b)(6)-	---(b)(6)-	

FORMAL TEACHING:

1984-85	Chief Medical Resident, Children's Hospital-Boston; served as chief educational officer for hospital; responsible for providing and/or arranging all educational activities and curricula for pediatric housestaff
1987-92	Introduction to Clinical Medicine, the Neonatal & Pediatric exams, Harvard Medical School
1990-2003	Lecturer, Neonatal Core Curriculum for Children's Hospital-Boston Pediatric housestaff, Harvard Medical School
1992-1998	Co-Director and Co-Founder, Joint Program in Neonatology Summer Student Research & Education Program, Harvard Medical School
1993-95 ('96- sub)	Tutor, Genetics, Embryology, & Reproduction course, New Pathway Program, Department of Genetics, Harvard Medical School
1996-2003	Lecturer, Graduate Course on Gene Therapy, Harvard Medical School
1996-2003	Lecturer, Perinatal asphyxia and neonatal seizures, Joint Program in Neonatology (Harvard Medical School)-sponsored continuing medical education out-reach lecture series for community-based pediatricians
1995-2003	Preceptor, Undergraduate Senior Honors Theses in Biology, Biology Concentration, Dept. of Molecular & Cellular Biology, Harvard College
1999-2003	Mentor, Four Directions Summer Research Program for Native American students
1999-2003	High school community/public service learning internship program
2003-present	Organizer, Annual Christopher Reeve Satellite Symposium on 'Hot Topics' in Stem Cell Biology, Society for Neuroscience
2004-present	Co-Director, NIH Human embryonic stem cell course (sponsored by The Burnham Institute)
2004-present	Co-Director, Burnham Institute-sponsored short courses in human stem cell biology (including embryonic stem cells)
2004-present	Molecular Pathology Graduate Program, University of California, San Diego
2007-present	Biomedical Sciences Graduate Program, University of California, San Diego
2007-present	Bedside-to-Bench Rounds (monthly), Neonatology Clinical Training Program, Dept. of Peds., UCSD – founding leader, instructor, and facilitator of this unique teaching forum

PH.D. THESIS COMMITTEES

- (b)(6)---, Massachusetts Institute of Technology – co-preceptor (site of 50% of benchwork) & thesis committee member (2000)
- (b)(6)-----, Massachusetts Institute of Technology -- thesis committee member (2000)
- (b)(6)----, Harvard Medical School -- thesis committee member (2001)
- (b)(6)-----, Molecular Pathology, UCSD – thesis advisor/committee leader (2003-2008, PhD awarded).
- (b)(6)---, Molecular Pathology, UCSD – thesis committee (2003-).
- (b)(6)-----, Dept. of Biology, UCSD – thesis advisor/committee leader (2005-).
- (b)(6)-----, Dept. of biology, UCSD – thesis advisor/committee leader (2005-).
- (b)(6)-----, Molecular Pathology, UCSD – thesis advisor/committee leader (2006-2008, PhD awarded).
- (b)(6)----- – UCSD Bioengineering Ph.D. (2005-).
- (b)(6)----- – thesis opponent, Sahlgrenska Academy at Goteborg University (2005)
- (b)(6)----- – thesis opponent, Sahlgrenska Academy at Goteborg University (2006)
- (b)(6)----- – Curie Institute, Paris (2007, PhD awarded)
- (b)(6)----- – Burnham Institute for Medical Research graduate program (2008-)

AWARDS & HONORS:

1969 -----(b)(6)-----
 1969 -----(b)(6)-----
 1973 Phi Beta Kappa
 1973 Summa Cum Laude with Highest Honors & Distinction in the Major, University of Pennsylvania
 1973 Netzkyscholarship for study in Great Britain
 1974 Linguistics Society of America Scholarship
 1974 Medical Scientist Training Program Awardee, by NIH, at University of Pennsylvania
 1975 William A. Jeffers Prize in Neurologic Research, University of Pennsylvania
 1979 CIBA Foundation Award
 1979 Mary Ellis Bell Award for Outstanding Research, University of Pennsylvania
 1979 Excellence of Research Award, Eastern Research Forum
 1979 Wilton R. Earle Award for Research, Tissue Culture Association & W. Alton Jones Cell Science Center
 1979 Saul R. Korey Award for Research, American Academy of Neurology
 1980 John G. Clark Prize for Meritorious Research, University of Pennsylvania
 1980 Sigma Xi National Research Honor Society
 1984 Chief Resident, Department of Medicine, Children's Hospital-Boston, Harvard Medical School
 1986 Chief Resident, Department of Neurology, Children's Hospital-Boston, Harvard Medical School
 1989 Farley Fellowship Award for Research, Children's Hospital-Boston & Harvard Medical School
 1989 Clinical Investigator Development Award (CIDA), NINDS, NIH
 1990 Young Investigator Award, Child Neurology Society
 1990 Young Investigator Award, Eastern Society for Pediatric Research
 1991 New Program Awardee, Mental Retardation Core, NICHD, NIH
 1993 Nominee, Harvard Medical School Annual Teaching Award
 1995 Elected Fellow of the American Society for Neural Transplantation
 1997 Elected Councillor of the American Society for Neural Transplantation
 1998 State-of-the-Art Lecturer, Society for Pediatric Research
 1998 Child Neurology Society Visiting Scientist Awardee
 1998 Keynote State-of-the-Art Address Selectee, Midwest Society for Pediatric Research
 1999 William H. Tooley Visiting Lecturer, University of California, San Francisco, Dept. of Pediatrics
 1999 Elected National Secretary of the American Society of Neural Transplantation & Repair
 1999 Franklin Delano Roosevelt Grantee (from the March of Dimes)
 1999 Alexis A. Boss Chair of Research of the Brain Tumor Society
 2000 Pfizer Travelling Fellow, Institut de Recherches Cliniques de Montréal
 2000 Arnold J. Rudolph Memorial Visiting Professorship, Baylor College of Medicine, Houston, TX
 2000 Annual John Curran Neonatal Fellowship Lecturer, University of South Florida College of Medicine, Tampa, FL
 2000 The Jerry Elliot Memorial Lecturer, New England Conference on Perinatal Research, Chatham, MA
 2000 Outstanding Speaker Award, Advances in Clinical Chemistry, Education & New Technology, American Association of Clinical Chemistry (AACC)
 2001 Annual Prize & Lectureship in Neurodegenerative Genetic Disease, Hospital for Sick Children in Toronto, Jacob's Ladder Foundation
 2001 Grass Lecturer in the Neurosciences, Society for Neuroscience, University of Louisville, Kentucky
 2002 Keynote Speaker, Brain Tumor Society
 2002 Keynote Speaker, International Multiple Sclerosis Society
 2002 Keynote Scientific Speaker, Association of American Cancer Institutes
 2002 State-of-the-Art Lecturer, Annual World Symposium on Lysosomal Storage Diseases
 2003 John W. & Marvelle M. Ridgeway Visiting Scholar, University of Missouri-Columbia School of Medicine
 2004 Highman Lectureship, University of California-Davis

- 2004 Keynote Address, Inaugural of the Children's Memorial Institute for Education & Research (CAMIER)
- 2004 Brain Cell Regeneration Annual Lectureship, Neurological Institute of New Jersey, University of Medicine & Denistry of New Jersey, Newark NJ
- 2004 Honoree for career contributions to children's neurological health, Children's Neurobiological Solutions, New York, October 7, 2004
- 2004 Joy Goodwin Lecturer, Auburn University, College of Veterinary Medicine
- 2005 The Molly & Bernard Sanberg Memorial Award in Recognition of Significant Contributions to the field of Brain Repair, American Society for Neural Therapeutics & Repair
- 2005- Director (PI), NIH Human Embryonic Stem Cell Research Center grant
- 2006 27th Annual Reynolds Historical Lectureship, University of Alabama at Burmingham.
- 2006 Outstanding presentation award in basic stem cell research, Stem Cells & Regenerative Medicine 2006 Meeting, San Francisco, GeneExpression Systems
- 2006 MacKeith Basic Science Lecturer, American Association of Cerebral Palsy & Developmental Medicine
- 2006 Arthur & Mary Robinson Family Lecturer, University of Colorado Health Sciences Center
- 2006 James B. Sidbury Lectureship, Department of Pediatrics, Duke Children's Hospital & Health Center, Duke Medical School
- 2006 MacKeith Basic Science Lectureship, American Academy for Cerebral Palsy & Developmental Medicine
- 2006 Henry Dunn Lectureship, Department of Pediatrics, University of British Columbia & British Columbia Children's Hospital
- 2007 Elected President (for 2008-09) of the American Society for Neural Therapy & Repair
- 2007 State-of-the-Art Lecturer, 33th Annual New Englang Conference on Perinatal Research
- 2007 Elected Fellow of the American Academy of Pediatrics (F.A.A.P)
- 2007 Gardner Lectureship, Pennsylvania State University School of Medicine
- 2008 Selected by President of Israel to help craft future biomedical research in area of stem cells
- 2008 Forbes Magazine List of "12 Stem Cell Revolutionaries"
- 2008 Robert Gross Lectureship, Dept. of Pediatric Surgery, University of Texas Medical School-Houston
- 2008 C.N. (John) Liu Memorial Lectureship, Dept. of Cellular & Developmental Biology, University of Pennsylvania School of Medicine
- 2009 Hunt Wilson Lectureship, American Association of Neurological Surgeons (AANS)
- 2009 Co-recipient (as member of 4-Person Scientific Steering Committee of the Sanford Consortium for Regenerative Medicine) of the San Diego Chamber of Commerce Regional Unity Award
- 2009 25th annual Goldberg Family Lecturer, Dept. of Neurology & Center for Translational Neuromedicine, University of Rochester.
- 2009 Inaugural Merenstein Keynote Lectureship, American Academy of Pediatrics
- 2009 The LM Stephenson Lectureship (Annual Discovery Day Featured Speaker), Drexel University College of Medicine
- 2010 Latta Lectureship, University of Nebraska Medical Center
- 2010 Brain Awareness Week Lecturer, St. Louis Univeristy School of Medicine

AWARDS, HONORS, & GRANTS TO MEMBERS & TRAINEES OF SNYDER LAB:

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GZJ KKV'45"

Declaration of Rachel Clattenburg
Public Citizen v. FDA et al., 16-cv-781

Amanda Harris Corbett, PharmD, BCPS, FCCP

Eshelman School of Pharmacy
CB# 7569, 3202 Kerr Hall
The University of North Carolina
Chapel Hill, North Carolina
27599-7569
(919) 843-2280

PROFESSIONAL EXPERIENCE

<i>June 2013-present</i>	<i>Global Pharmacology Coordinator</i> Institute for Global Health and Infectious Diseases University of North Carolina at Chapel Hill Chapel Hill, North Carolina
<i>Dec 2011-present</i>	<i>Clinical Associate Professor</i> University of North Carolina at Chapel Hill Eshelman School of Pharmacy School of Medicine Chapel Hill, North Carolina
<i>Aug 2012-Feb 2013</i>	<i>Clinical Pharmacist</i> Chapel Hill Integrative Medicine Center Chapel Hill, North Carolina
<i>Sept 2011-present</i>	<i>General Supervisor</i> College of Pathology Accredited Antiretroviral Therapeutic Drug Monitoring Service UNC Eshelman School of Pharmacy Chapel Hill, North Carolina
<i>July 2003-present</i>	<i>Clinical Specialty Pharmacist</i> UNC Infectious Diseases Clinic Chapel Hill, North Carolina
<i>October 2007 – Dec 2011</i>	<i>Clinical Assistant Professor</i> University of North Carolina at Chapel Hill School of Medicine Chapel Hill, North Carolina
<i>July 2003 – Nov 2011</i>	<i>Clinical Assistant Professor</i> University of North Carolina at Chapel Hill Eshelman School of Pharmacy Chapel Hill, North Carolina
<i>January 2005 - present</i>	<i>Clinical Associate</i> Center for AIDS Research University of North Carolina at Chapel Hill

Chapel Hill, North Carolina

January 2004 - December 2006

Co-investigator

Adult AIDS Clinical Trials Group
Pharmacology Support Laboratory
University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

July 2000 - June 2003

Clinical Instructor

University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

EDUCATION AND TRAINING

July 2001 - June 2003

Infectious Diseases Pharmacotherapy Fellow

University of North Carolina at Chapel Hill
School of Pharmacy
Director: Angela D.M. Kashuba, BScPhm, PharmD, DABCP

July 2000 - June 2001

***Infectious Diseases Pharmacy Resident
Clinical Instructor, School of Pharmacy***

University of North Carolina at Chapel Hill
UNC Healthcare
Co-Directors:
Ralph H. Raasch, PharmD, BCPS, FACCPS
John C. Rublein, PharmD, BCPS

July 1999 - June 2000

Pharmacy Practice Resident

Wake Forest University Baptist Medical Center
Winston-Salem, North Carolina
Director: (b) (6)

August 1995 - May 1999

Doctor of Pharmacy

Campbell University
School of Pharmacy
Buies Creek, North Carolina

August 1990 - December 1994

Bachelor of Science in Chemistry

University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

LICENSURE AND CERTIFICATIONS

October 2013-present

New Foundations in Herbal Medicine
Tieraona Low Dog, MD

February 2014

Crystalline Reiki II Training

7. Society of Infectious Diseases Pharmacists (2000 - present)
8. American College of Clinical Pharmacy (1999 - present)
9. North Carolina Association of Pharmacists (1999 - present)
10. Kappa Psi Pharmaceutical Fraternity (1997 - present)
11. Phi Lambda Sigma Leadership Society (1996 - 1999)
12. American Society of Health System Pharmacists (1995 - 2002)
13. Gilead Sciences Advisory Board (2006 – 2009)
14. Abbott Laboratories Advisory Board (2006 - 2009)
15. Bristol Meyers Squibb Advisory Board (2007 - 2009)

GRANTS and CONTRACTS FUNDED

1. Tang J, Principal Investigator. **Corbett A, Co-investigator.** Pharmacokinetic interactions between efavirenz, rifampicin, and the levonorgestrel contraceptive implant. NIH NIAID Center for AIDS Research Supplemental Grant. August 2014. \$100,000
2. Kapito-Tembo A, Principal Investigator. **Corbett A, Co-investigator** Pharmacovigilance of infants exposed to antiretroviral drugs given to HIV-infected mothers during breastfeeding. International AIDS Society Collaborative Initiative for Paediatric HIV Education and Research (CIPHER) and World Health Organization April 2014. \$ (b) (4)
3. **Corbett A, Principal Investigator.** Roshdy, D, Co-Investigator. DPET 811: Infectious Diseases Learning Activity. December 2013. \$938.
4. Tang J, Principal Investigator. **Corbett A, Co-investigator.** A randomized clinical trial on the effects of progestin based contraception in the genital tract of HIV-infected and HIV-uninfected women. Centers for Disease Control and Prevention. Oct 2013. \$400,000
5. **Corbett A, Principal Investigator.** Nicol, M, Co-Investigator. HIV On-line Pre-Class Activity. UNC Eshelman School of Pharmacy Instructional Innovation September 2013. \$1625.
6. Fiscus S, Principal Investigator. **Corbett A, Co-Investigator.** Breast milk Transmission of HIV: Virology, Pharmacokinetics, and Adherence in BAN. NIH NIAID R56 AI091647-01 September 2010. \$269,079.
7. Dumond J, **Corbett A, Co-Investigator.** Extracellular and Intracellular Atripla (Tenofovir/Emtricitabine/Efavirenz) Pharmacokinetics in the Aging HIV-Infected Population. NC TraCS Institute, March 19, 2010. \$50,000
8. Dumond J, **Corbett A, Co-Investigator.** Atripla pharmacokinetics in the aging HIV-infected population. Society of Infectious Diseases Pharmacists, September 2009. \$ (b) (4)
9. Jackson A, **Corbett A, Co-Investigator.** A randomized controlled clinical trial to evaluate high dose fluconazole with short course amphotericin B, with or without

- flucytosine in the treatment of HIV-associated cryptococcal meningitis. The British Department of International Development. June 2009. \$ (b) (4)
10. van Rie A, **Corbett, A, Co-Investigator**. Impact of malnutrition on TB IRIS and pharmacokinetics of TB and HIV co-treatment. NIH/NICHD. October 2008 - September 2013. \$1,000,000.
 11. **Corbett A, Principal Investigator**. (b) (4)
 12. **Corbett A, Principal Investigator**. Characterization of novel antiretroviral resistance among HIV-infected patients in the UNC-CH cohort. Virco Laboratories. May 2008 - December 2009. \$15,000.
 13. (b) (4)
 14. van der Horst C, Principal investigator. **Corbett, A, Co-Investigator**. HIV Infection and Breastfeeding: Interventions for Maternal and Infant Health. Centers for Disease Control, Special Interest Project 13-01. October 2001 - September 2014. \$800,000.
 15. Quinlivan EB, Principal investigator. **Corbett, A, Co-Investigator**. Ryan White Comprehensive AIDS Resources Emergency Act Title III Grant. US DHHS/Health Resources and Services Administration/HIV/AIDS Bureau. September 2006 - March 2012.
 16. (b) (4)
 17. **Corbett A, Principal Investigator**. UNC University Research Council Research Grant. Antiretroviral Pharmacology in Malawian Children. University of North Carolina, University Research Council. May 2004 - April 2006. \$3961.
 18. **Corbett A, Principal Investigator**. UNC Center for AIDS Research Developmental Award. Pharmacokinetic comparison of two generic and trade formulations of lamivudine, stavudine, and nevirapine in HIV-infected Malawian children: Triomune tablets versus generic liquids versus trade liquids. University of North Carolina, CFAR. June 2004 - May 2005. \$11,526.
 19. **Corbett A, Principal Investigator**. UNC School of Pharmacy Faculty Seed Grant. Pharmacokinetic comparison of two generic and trade formulations of lamivudine, stavudine, and nevirapine in HIV-infected Malawian children: Triomune tablets versus generic liquids versus trade liquids. University of North

- Carolina, School of Pharmacy and Pharmacy Foundation of North Carolina. April 2004 - May 2005. \$9700.
20. **Corbett A, Principal Investigator.** Junior Development Award. Antiretroviral Pharmacokinetics in Malawian Children. University of North Carolina, Committee on Faculty Research and Study Leaves. January 2004 - December 2004. \$5000.
21. Swanstrom R, Principal Investigator, **Corbett A, Co-Investigator.** UNC Center for AIDS Research. Pharmacology Core E. NIH DAIDS P30-HD37260 2006-Current. \$299,556
22. Kashuba ADM, Principal investigator, **Corbett A, Co-Investigator.** University of North Carolina ACTU Pharmacology Support Laboratory. Adult AIDS Clinical Trials Group. DAIDS (NIH). 2004 - 2006. \$280,000.

23.  (b) (4)
24. 

GRANTS AND CONTRACTS SUBMITTED (NOT FUNDED)



(b) (4)

RESEARCH INITIATIVES (internally funded)

1. [REDACTED] (b) (6)
2. Resident Mentored Project and Co-Investigator. [REDACTED] (b) (6)
3. Student Mentored Project. [REDACTED] (b) (6)
4. Resident Mentored Project. [REDACTED] (b) (6)
5. PhD Student Mentored Project. [REDACTED] (b) (6)
6. Fellow Mentored Project. [REDACTED] (b) (6)
7. Resident Mentored Project: [REDACTED] (b) (6)
8. Resident Mentored Project: [REDACTED] (b) (6)
9. Student Mentored Project: [REDACTED] (b) (6)
10. Student Mentored Project: [REDACTED] (b) (6)
11. Resident Mentored Project: [REDACTED] (b) (6)
12. [REDACTED] (b) (6)
13. [REDACTED] (b) (6)
14. [REDACTED] (b) (6)

15. [REDACTED] (b) (6)
16. [REDACTED] (b) (6)
17. [REDACTED] (b) (6)
18. [REDACTED] (b) (6)
19. [REDACTED] (b) (6)
20. [REDACTED] (b) (6)

MANUSCRIPTS AND REVIEWS

1. [REDACTED] (b) (6)
2. Zhou S, Martin K, **Corbett A**, et al. Total daily pill burden in HIV-infected patients in the US South. *AIDS Patient Care and STDs* 2014;28(6):311-317.
3. **Corbett A**, Kayira D, Kashuba A, White N, Kourtis A, Chasela C, Martinson F, Phiri G, Musisi B, Kamwendo D, Hudgens M, Hosseinipour M, van der Horst V. Pharmacokinetics of HAART in mothers and breastfeeding infants from 6-24 weeks post partum. *Antiviral Therapy* 2014;19(6):587-95 [Epub ahead of print Jan 2014].
4. Dumond J, **Corbett AH**, Kashuba ADM, et al. Pharmacokinetics of two common antiretroviral regimens in older HIV-infected patients: a pilot study. *HIV Med* 2013 Aug;14(7):401-9.
5. **Corbett AH**. Antiretroviral pharmacology in breast milk. *Adv Exp Med Biol* 2012;743:109-18.
6. Daniels L, Raasch R, **Corbett A**. Frequency of antiretroviral related medication errors in hospitalized patients after the implementation of several interventions. *Am J Health Syst Pharm* 2012;69(5):422-30.

	Chair- ASHP Midyear Meeting Committee
1997 - 1998	Phi Lambda Sigma, Campbell University Vice President
1997	Kappa Psi Pharmaceutical Fraternity Vice President Pledge Class Fund Raising Committee

PRECEPTING/MENTORING:

North Carolina AIDS Education and Training Center: NC Rural HIV Care Mini-Residency

Nov 2013-current

Pharmacist Preceptorships

(b) (6)

UNC School of Pharmacy PhD Candidates (precepting, student advisory and dissertation committees)

May 2013-present

(b) (6)

May 2012-Aug 2013

Jan 2011-July 2014

May 2010-July 2014

May 2009

April 2009 – Dec 2011

August 2008 – 2012

January 2009 - June 2009

August 2008- December 2008

UNC Hospitals Infectious Diseases and Pharmacy Practice Residents

(b) (6)

July 2015-present

July 2014-June 2015

July 2013-July 2014

July 2012-June 2013

July 2011-June 2012

July 2010-June 2011

July 2009 – June 2010

July 2008 - June 2009
 July 2007 - June 2008
 July 2006 - June 2007
 July 2005 - June 2006
 July 2004 - June 2005
 January 2004 - June 2004



UNC School of Pharmacy Fellows (clinical advisor)

Sept 2012-present
 July 2010-June 2012
 July 2007 – June 2010
 July 2005 - June 2007

 September 2004 - June 2005
 July 2003 - June 2005



***UNC School of Pharmacy Honors Program and
 UNC School of Pharmacy Infectious Disease Group***

Dec 2011-April 2012
 Apr-May 2011
 June 2005 - May 2007
 March 2005 - June 2007
 November 2004 - December 2004



UNC School of Pharmacy Research Elective

October 2009 – Jan 2010
 August 2007 - April 2008
 June 2004 - December 2004



UNC Clinical Scholars Program

May 2009 – May 2010
 June 2008 –April 2009
 April 2008
 June 2007 - April 2008
 June 2007 - April 2008
 June 2006 - April 2007
 May 2004 - present



Faculty Mentor

UNC Eshelman School of Pharmacy Teaching Certificate Mentor

August 2014-present
 August 2013-2014
 August 2012-2013
 August 2011-2012



UNC Medical Student Research Program

January 2004 – December 2004



UNC Epidemiology, PhD Candidates

July 2007 – 2013



***UNC School of Pharmacy, Clinical Clerkships
 HIV Ambulatory Care Rotation***

Amanda Harris Corbett, PharmD, BCPS, FCCP

OFFICE: School of Pharmacy
 CB# 7569, 3202 Kerr Hall
 The University of North Carolina
 Chapel Hill, North Carolina
 27599-7569
 (919) 843-2280

PROFESSIONAL EXPERIENCE

<i>June 2013-present</i>	<i>Global Pharmacology Coordinator</i> Institute for Global Health and Infectious Diseases University of North Carolina at Chapel Hill Chapel Hill, North Carolina
<i>Dec 2011-present</i>	<i>Clinical Associate Professor</i> University of North Carolina at Chapel Hill Eshelman School of Pharmacy School of Medicine Chapel Hill, North Carolina
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<i>October 2007 – Dec 2011</i>	<i>Clinical Assistant Professor</i> University of North Carolina at Chapel Hill School of Medicine Chapel Hill, North Carolina
<i>July 2003 – Nov 2011</i>	<i>Clinical Assistant Professor</i> University of North Carolina at Chapel Hill Eshelman School of Pharmacy Chapel Hill, North Carolina
<i>January 2005 - present</i>	<i>Clinical Associate</i> Center for AIDS Research University of North Carolina at Chapel Hill

Chapel Hill, North Carolina

January 2004 - December 2006

Co-investigator

Adult AIDS Clinical Trials Group
Pharmacology Support Laboratory
University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

July 2000 - June 2003

Clinical Instructor

University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

EDUCATION AND TRAINING

July 2001 - June 2003

Infectious Diseases Pharmacotherapy Fellow

University of North Carolina at Chapel Hill
School of Pharmacy
Director: Angela D.M. Kashuba, BScPhm, PharmD,
DABCP

July 2000 - June 2001

***Infectious Diseases Pharmacy Resident
Clinical Instructor, School of Pharmacy***

University of North Carolina at Chapel Hill
UNC Healthcare
Co-Directors:
Ralph H. Raasch, PharmD, BCPS, FACCPS
John C. Rublein, PharmD, BCPS

July 1999 - June 2000

Pharmacy Practice Resident

Wake Forest University Baptist Medical Center
Winston-Salem, North Carolina
Director: James R. Beardsley, PharmD, BCPS

August 1995 - May 1999

Doctor of Pharmacy

Campbell University
School of Pharmacy
Buies Creek, North Carolina

August 1990 - December 1994

Bachelor of Science in Chemistry

University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

LICENSURE AND CERTIFICATIONS

October 2013-present

New Foundations in Herbal Medicine
Tieraona Low Dog, MD

June 2015

8. Dumond J, **Corbett A, Co-Investigator**. Atripla pharmacokinetics in the aging HIV-infected population. Society of Infectious Diseases Pharmacists, September 2009. \$10,000
9. Jackson A, **Corbett A, Co-Investigator**. A randomized controlled clinical trial to evaluate high dose fluconazole with short course amphotericin B, with or without flucytosine in the treatment of HIV-associated cryptococcal meningitis. The British Department of International Development. June 2009. \$164,593
10. van Rie A, **Corbett, A, Co-Investigator**. Impact of malnutrition on TB IRIS and pharmacokinetics of TB and HIV co-treatment. NIH/NICHD. October 2008 - September 2013. \$1,000,000.
11. **Corbett A, Principal Investigator**. Pharmacokinetics of Lopinavir/ritonavir in Breast milk and Breastfeeding Infants. Abbott Laboratories. October 2008 - December 2009. \$31,000.
12. **Corbett A, Principal Investigator**. Characterization of novel antiretroviral resistance among HIV-infected patients in the UNC-CH cohort. Virco Laboratories. May 2008 - December 2009. \$15,000.
13. Kashuba ADM, Principal investigator. **Corbett, A, Co-Investigator**. Open-Label, Multiple-Dose, Drug Interaction Study to Assess the Effect of Famotidine with or without Tenofovir on the Pharmacokinetics of Atazanavir when given with Ritonavir in HIV-Infected Subjects. Bristol-Myers Squibb Company. November 2006 - June 2007. \$187,932.
14. van der Horst C, Principal investigator. **Corbett, A, Co-Investigator**. HIV Infection and Breastfeeding: Interventions for Maternal and Infant Health. Centers for Disease Control, Special Interest Project 13-01. October 2001 - September 2014. \$800,000.
15. Quinlivan EB, Principal investigator. **Corbett, A, Co-Investigator**. Ryan White Comprehensive AIDS Resources Emergency Act Title III Grant. US DHHS/Health Resources and Services Administration/HIV/AIDS Bureau. September 2006 - March 2012.
16. **Corbett A, Principal Investigator**. American College of Clinical Pharmacy, Sanofi-Aventis Infectious Diseases Investigator Development Research Award. Antiretroviral Pharmacology in Malawian Children. July 2004 - June 2005. \$15,000.
17. **Corbett A, Principal Investigator**. UNC University Research Council Research Grant. Antiretroviral Pharmacology in Malawian Children. University of North Carolina, University Research Council. May 2004 - April 2006. \$3961.
18. **Corbett A, Principal Investigator**. UNC Center for AIDS Research Developmental Award. Pharmacokinetic comparison of two generic and trade formulations of lamivudine, stavudine, and nevirapine in HIV-infected Malawian children: Triomune tablets versus generic liquids versus trade liquids. University of North Carolina, CFAR. June 2004 - May 2005. \$11,526.

19. **Corbett A, Principal Investigator.** UNC School of Pharmacy Faculty Seed Grant. Pharmacokinetic comparison of two generic and trade formulations of lamivudine, stavudine, and nevirapine in HIV-infected Malawian children: Triomune tablets versus generic liquids versus trade liquids. University of North Carolina, School of Pharmacy and Pharmacy Foundation of North Carolina. April 2004 - May 2005. \$9700.
20. **Corbett A, Principal Investigator.** Junior Development Award. Antiretroviral Pharmacokinetics in Malawian Children. University of North Carolina, Committee on Faculty Research and Study Leaves. January 2004 - December 2004. \$5000.
21. Swanstrom R, Principal Investigator, **Corbett A, Co-Investigator.** UNC Center for AIDS Research. Pharmacology Core E. NIH DAIDS P30-HD37260 2006-Current. \$299,556
22. Kashuba ADM, Principal investigator, **Corbett A, Co-Investigator.** University of North Carolina ACTU Pharmacology Support Laboratory. Adult AIDS Clinical Trials Group. DAIDS (NIH). 2004 - 2006. \$280,000.
23. Kashuba, ADM, Principal Investigator, **Corbett A, Co-Investigator.** Eron J, Co-Investigator. The Pharmacokinetic Interaction of a Triple Protease Inhibitor Regimen Containing Fosamprenavir, Lopinavir and Ritonavir in Healthy Volunteers. GlaxoSmithKline (Investigator Initiated Research), 2002 - 2003. \$59,000.
24. Kashuba ADM, Principal Investigator, **Corbett A, Co-Investigator.** Ortho-McNeil Infectious Diseases Academic Fellowship. American College of Clinical Pharmacy. 2002 – 2003. \$20,000.

GRANTS AND CONTRACTS SUBMITTED (NOT FUNDED)

1. van der Horst C, Principal Investigator. **Corbett A, Co-Investigator.** Centers for Disease Control and Prevention SIP. A prospective randomized clinical trial on the effects of different forms of progestin based hormonal contraception on HIV shedding in the female genital tract. Submitted August 2014. Not funded
2. Naidoo A, Principal Investigator. **Corbett A, Co-Investigator,** McIlleron H, Co Investigator. Impact of moxifloxacin co-administration with rifampin in tuberculosis treatment. Submitted April 2014. Not funded.
3. Stuart G, Principal Investigator. **Corbett A, Co-Investigator.** NIH NIAID R21. Outcomes and measures of combined oral contraceptives in HIV-infected women using combined oral contraceptives. Submitted Jan, 2010. Not funded
4. Fiscus S, Principal Investigator. **Corbett A, Co-Investigator.** NIH NIAID R01. Breastmilk Transmission of HIV: Virology, Pharmacokinetics, and Adherence in BAN. Submitted Jan, 2010. Impact/Priority Score: 51.

5. **Corbett A, Principal Investigator.** NIH NIAID Small Research Grant Program (R03) PA-06-180. Influence of Fluconazole and Flucytosine Exposures on Cryptococcal Meningitis. Submitted May, 2009. Impact/Priority Score: 48.
6. Fiscus S, Principal Investigator. **Corbett A, Co-Investigator.** NIH NICHD Grand Opportunities OD09-004. Laboratory Studies to Determine the Reasons for Breast Milk Transmission Despite Use of Antiretrovirals in the BAN Study. Submitted May, 2009. Impact/Priority Score: 59.

RESEARCH INITIATIVES (internally funded)

1. "Implementation of clinic-based nutritional interventions in infectious diseases"
2. Resident Mentored Project and Co-Investigator. "A cross-sectional evaluation of total pill burden, medication discrepancies, and health-related quality of life in patients with HIV at an outpatient infectious diseases clinic"
3. Student Mentored Project. "Evaluation of Abacavir Use and HLA-B*5701 Genotyping in HIV-Infected Patients".
4. Resident Mentored Project. "Characterization of Raltegravir Treated HIV-Infected Patients in an Outpatient Population".
5. PhD Student Mentored Project. "Self-report of Current and Prior Antiretroviral Drug Use in Comparison to the Medical Record Among HIV-infected Patients Receiving Primary HIV Care".
6. Fellow Mentored Project. "Correlations between Drug Metabolizing Enzyme and Drug Transporter Genotypes and Nevirapine Exposure in HIV-Infected Malawian Adults and Children".
7. Resident Mentored Project: "Intervention to Decrease the Frequency of Antiretroviral Related Medication Errors in Hospitalized Patients".
8. Resident Mentored Project: "High-frequency of HIV-related Medication Errors and Associated Risk Factors in Hospitalized Patients".
9. Student Mentored Project: "Evaluation of Dyslipdemia in HIV-infected Patients".
10. Student Mentored Project: "Effects of Optimal Psychiatric Management of Depression in HIV-infected Patients on Associated Virologic and Immunologic Outcomes".
11. Resident Mentored Project: "Analysis of the Impact of Understudied Barriers to Medication Access on Adherence in Indigent HIV-infected Patients".
12. "Early access of MK-0518 in combination with an optimized background antiretroviral therapy (OBT) in highly treatment experienced HIV-1 infected patients with limited or not treatment options".
13. "Early access of TMC125 in combination with other antiretrovirals in treatment experienced HIV-1 infected subjects with limited treatment options".

14. "Pharmacokinetic comparison of two generic and trade formulations of lamivudine, stavudine, and nevirapine in HIV infected Malawian children: Triomune™ tablets versus generic liquids versus trade liquids" in collaboration with Mina Hosseinipour, MD; Peter Kazembe, MD; Irving Hoffman, PA.
15. "Assessment of pharmacologic treatments of HIV/AIDS and associated outcomes using the North Carolina-AIDS drug assistance program (ADAP) database" in collaboration with Emily Brouwer (PharmD candidate); Peter Leone, MD; Sonia Napravnik, PhD.
16. "A retrospective comparative analysis of the immunologic and virologic response to Fuzeon™ (enfuvirtide; T-20) versus optimized background in HIV infected patients-after the TORO trials" in collaboration with Leslie Prichard(PharmD candidate), Sonia Napravnik, PhD; Joseph Eron, MD; Prema Menezes, PA.
17. Protocol Pharmacologist for "ACTG 5221: A strategy study of immediate versus deferred initiation of antiretroviral therapy for HIV-infected persons treated for tuberculosis with CD4<200cells/mm³".
18. Protocol Pharmacologist for "ACTG 5225: A phase I/II dose finding study of high dose fluconazole treatment in AIDS-associated cryptococcal meningitis".
19. Co-investigator and Coordinator for "BI 1182.70: An open-label non-randomized treatment protocol of tipranavir co-administered with low dose ritonavir (TPV/r) in protease inhibitor-experienced patients with HIV-1 infection (the tipranavir expanded access program)".
20. Co-investigator and Coordinator for "A comparison of alternative injection devices to the standard subcutaneous needle/syringe combination for enfuvirtide (Fuzeon®)".

MANUSCRIPTS AND REVIEWS

1. Flax V, **Corbett A**, et al. Plasma micronutrient concentrations are altered by antiretroviral therapy and lipid based nutrient supplements in lactating HIV-infected Malawian women. *Journal of Nutrition* 2015 (in press).
2. Zhou S, Martin K, **Corbett A**, et al. Total daily pill burden in HIV-infected patients in the US South. *AIDS Patient Care and STDs* 2014;28(6):311-317.
3. **Corbett A**, Kayira D, Kashuba A, White N, Kourtis A, Chasela C, Martinson F, Phiri G, Musisi B, Kamwendo D, Hudgens M, Hosseinipour M, van der Horst V. Pharmacokinetics of HAART in mothers and breastfeeding infants from 6-24 weeks post partum. *Antiviral Therapy* 2014;19(6):587-95 [Epub ahead of print Jan 2014].
4. Dumond J, **Corbett AH**, Kashuba ADM, et al. Pharmacokinetics of two common antiretroviral regimens in older HIV-infected patients: a pilot study. *HIV Med* 2013 Aug;14(7):401-9.
5. **Corbett AH**. Antiretroviral pharmacology in breast milk. *Adv Exp Med Biol*

	Faculty Advisor
1997 - 1998	ASHP Student Forum Communications Committee
1996 - 1997	SSHP Campbell University Vice President Chair- ASHP Midyear Meeting Committee
1997 - 1998	Phi Lambda Sigma, Campbell University Vice President
1997	Kappa Psi Pharmaceutical Fraternity Vice President Pledge Class Fund Raising Committee

PRECEPTING/MENTORING:

North Carolina AIDS Education and Training Center: NC Rural HIV Care Mini-Residency

Nov 2013-current	Pharmacist Preceptorships Minh Pharm, PharmD Leslie Sanderson, PharmD Treva Stevens, PharmD Krutika Mediwala Eunice Eun, PharmD
------------------	--

UNC School of Pharmacy PhD Candidates (precepting, student advisory and dissertation committees)

May 2013-present	Corbin Thompson (student advisory committee member, dissertation advisory committee member and ID clinic rotation)
May 2012-Aug 2013	Brandon Gufford (ID/IM clinic rotation)
Jan 2011-July 2014	Melanie Nicol (dissertation committee member and ID clinic clinical advisor)
May 2010-July 2014	Melanie Nicol (ID clinic rotation and student advisory committee member)
May 2009	Nathan Pfeifer (ID clinic rotation)
April 2009 – Dec 2011	Tae Eun Kim (student advisory committee member and dissertation committee member)
August 2008 – 2012	LaToya Griffin (student advisory committee member and dissertation committee member)
January 2009 - June 2009	Sunita Paul (student advisory committee member)
August 2008- December 2008	Christina Santos (ID clinic rotation)

UNC Hospitals Infectious Diseases and Pharmacy Practice Residents

July 2015-present	Whitney Davis, PharmD
July 2014-June 2015	Jacqueline Isip, PharmD
July 2013-July 2014	Danya Roshdy, PharmD

July 2012-June 2013	Nicole Nicolsen, PharmD
July 2011-June 2012	Kelly Martin, PharmD
July 2010-June 2011	Emily Heil, PharmD
July 2009 – June 2010	Lisa Fletcher, PharmD
	Emily Heil, PharmD
	Caroline Tee, PharmD
	Cameron Mitchell, PharmD
July 2008 - June 2009	Paul Lewis, PharmD
July 2007 - June 2008	Lindsay Mayer, PharmD
July 2006 - June 2007	Rakhi Karwa, PharmD
July 2005 - June 2006	Sonak Pastakia, PharmD
July 2004 - June 2005	Will Musick, PharmD, BCPS
January 2004 - June 2004	Todd Correll, PharmD, BCPS

UNC School of Pharmacy Fellows (clinical advisor)

Sept 2012-present	Mackenzie Cottrell
July 2010-June 2012	Jessica Adams, PharmD
July 2007 – June 2010	Kevin Brown, PharmD
July 2005 - June 2007	Julie Dumond, PharmD
	Kan Lu, PharmD
September 2004 - June 2005	Lakshmi Vassist, PharmD
July 2003 - June 2005	Rosa Yeh, PharmD, BCPS

***UNC School of Pharmacy Honors Program and
UNC School of Pharmacy Infectious Disease Group***

Dec 2011-April 2012	Angela Kim, PharmD candidate
Apr-May 2011	Melissa Hunter, PharmD candidate
June 2005 - May 2007	Leslie Prichard, PharmD
March 2005 - June 2007	Emily Brouwer, PharmD
November 2004 - December 2004	Carolina Molina Lowe, PharmD

UNC School of Pharmacy Research Elective

October 2009 – Jan 2010	Ciantel Adair Blyler, PharmD candidate
August 2007 - April 2008	Ryan Owenby, PharmD candidate
June 2004 - December 2004	Jessica Poirier, PharmD candidate
	Vincent Gaver, PharmD candidate

UNC Clinical Scholars Program

May 2009 – May 2010	Rebekah Wrenn, PharmD candidate
June 2008 –April 2009	Cameron Mitchell, PharmD
April 2008	Emily Wong, PharmD
June 2007 - April 2008	Megan Davis, PharmD
June 2007 - April 2008	Jaimie Bertino, PharmD
June 2006 - April 2007	Tania Vila, PharmD
May 2004 - present	Faculty Mentor

UNC Eshelman School of Pharmacy Teaching Certificate Mentor

August 2014-present	Breanne Roess, PharmD
August 2013-2014	Kristen Gardner, PharmD
August 2012-2013	Farah Khorassani, PharmD
August 2011-2012	Nicole Nichol森, PharmD

UNC Medical Student Research Program

January 2004 – December 2004	Alison Lyke, PharmD
------------------------------	---------------------

UNC Epidemiology, PhD Candidates

July 2007 – 2013

(Holderness Fellowship Recipient)

Emily Brouwer, PharmD

UNC School of Pharmacy, Clinical Clerkships**HIV Ambulatory Care Rotation**

January 2004 - present

Fourth year pharmacy students

COURSE COORDINATOR:

1. Course Title: Evidence Based Practice
Dates: August 2015- present
2. Course Number: NURS 609.001
Course Title: Global Health Service Learning to Increase Understanding of Migrant Latino Health
Dates: January 2015-present
3. Course Number: DPET 811
Course Title: Infectious Diseases
Dates: January 2013-present
4. Course Number: DPET 816
Course Title: Integrative Medicine
Dates: August 2010-present
5. Course Number: DPET 810
Course Title: AIDS: Principles, Practices, and Politics
Dates: January 2004 - present
6. Course Number: PUBH 120
Course Title: AIDS: Principles, Practices, and Politics
Dates: Jan 2004 - present (co-coordinator)
7. Course Title: UNC School of Pharmacy, DPET Division
Postdoctoral Fellows Course
Dates: July 2006 - June 2009

LECTURER

1. Course Number: MEDI 238
Course Title: Respiratory Block
Lectures: Overview of Clinical Pharmacology
2. Course Number: PHCY 442
Course Title: Introduction to Pharmaceutical Care
Lectures: Integrative Medicine
2011-present
3. Course Title: Fellows Core Curriculum, UNC School of Medicine
Division of Infectious Diseases
Lectures: Antiretroviral Pharmacology
2006 - present

EXHIBIT 46

Declaration of Rachel Clattenburg
Public Citizen v. FDA et al., 16-cv-781

CURRICULUM VITAE

Name: Alan J. Russell

Birth Date: (b) (6)

Home Address: (b) (6)(b) (6)(b) (6)
(b) (6)(b) (6)

Birth Place: (b) (6)(b) (6)

Mobile Phone: (b) (6)

Citizenship: (b) (6)

Business Address: DHTI
Carnegie Mellon University
1203 Hamburg Hall
5000 Forbes Ave
Pittsburgh, PA 15213Email Address: alanrussell@cmu.edu

Business Phone: (412) 544-6977

Business Fax: (412) 544-2564

EDUCATION and TRAINING

UNDERGRADUATE:

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Subject</i>
	University of Manchester Institute of Science and Technology Manchester, England	B.Sc. - 1984 (Honors, First Class)	Biochemistry and Applied Molecular Biology

GRADUATE:

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Advisor and Discipline</i>
09/1984 – 06/1987	Imperial College of Science and Technology University of London England	PhD – 1987 DIC - 1987	Professor Sir Alan R. Fersht, FRS Biological Chemistry

PhD Thesis

Thesis Advisor:

Thesis Examiner:

Thesis Title:

(b) (6)

Protein engineering of the pH dependence of subtilisin BPN

POSTGRADUATE:

<i>Dates Attended</i>	<i>Name and Location of Institution</i>	<i>Degree Received and Year</i>	<i>Major Advisor and Discipline</i>
1987 – 1989	Massachusetts Institute of Technology	NATO Research Fellow	Professor A.M. Klibanov, Chemistry

CURRICULUM VITAE

01/18/2012

Name: Timothy Peter Cripe, M.D., Ph.D.

Social Security: Upon request

Work Address: Professor and Chief
Division of Hematology/Oncology/BMT
700 Children's Drive
Columbus, OH 43205

Office location: ED545
Office phone: (614) 722-3521
Office fax: (614) 722-3699
Pager: (614) 690-0204
Podcast: "This Week in Pediatric Oncology" on iTunes
Twitter: @TWiPOPodcast

Secretary: ----(b)(6)----
(614) 722-3552
----(b)(6)----@nationwidechildrens.org

Home Address: Upon request

EDUCATION

1989 University of Iowa
Iowa City, IA
Ph.D. Genetics: "Regulation of the Human Papilloma-
virus-16 Oncogene Promoter by the Papilloma-
viral E2 Proteins and by Cellular Regulatory Fac-
tors: Implications for Cervical Carcinogenesis"
Research Mentor: -----(b)(6)-----

1989 University of Iowa
Iowa City, IA
M.D.

1982 Princeton University
Princeton, NJ
A.B. Biochemistry, *Magna cum Laude*
Research Mentor: -----(b)(6)-----

POSTGRADUATE EDUCATION

1993 - 1995 Fellow, Hematology/Oncology

Children's Hospital and University of Colorado
Health Sciences Center, Denver, CO
Research Mentor: -----(b)(6)-----

1992 - 1993

Fellow, Hematology/Oncology
Children's Hospital and Dana-Farber Cancer Institute
Harvard Medical School, Boston, MA

1989 - 1992

University of Iowa College of Medicine
Resident, Pediatrics

CERTIFICATION AND LICENSURE

Upon Request

ACADEMIC APPOINTMENTS

1/2012 – present

Professor and Chief
Division of Hematology/Oncology/BMT
Nationwide Children's Hospital
Columbus, OH

1/2012 – present

Adjunct Professor of Pediatrics - Affiliated
University of Cincinnati
Cincinnati Children's Hospital Medical Center
Cincinnati, OH

2008 – 1/2012

Professor of Pediatrics - Affiliated
University of Cincinnati
Cincinnati Children's Hospital Medical Center
Cincinnati, OH

2008 – 1/2012

Medical Co-Director
Office for Clinical and Translational Research
Children's Hospital Medical Center
Cincinnati, OH

2008 – 1/2012

Director of Pilot and Collaborative Studies
Center for Clinical and Translational Science and Training
University of Cincinnati
Cincinnati, OH

2003 – 2008

Director
Translational Research Trials Office

Amanda Harris Corbett, PharmD, BCPS, FCCP

Eshelman School of Pharmacy
CB# 7569, 3202 Kerr Hall
The University of North Carolina
Chapel Hill, North Carolina
27599-7569
(919) 843-2280

PROFESSIONAL EXPERIENCE

<i>June 2013-present</i>	Global Pharmacology Coordinator Institute for Global Health and Infectious Diseases University of North Carolina at Chapel Hill Chapel Hill, North Carolina
<i>Dec 2011-present</i>	Clinical Associate Professor University of North Carolina at Chapel Hill Eshelman School of Pharmacy School of Medicine Chapel Hill, North Carolina
<i>Aug 2012-Feb 2013</i>	Clinical Pharmacist Chapel Hill Integrative Medicine Center Chapel Hill, North Carolina
<i>Sept 2011-present</i>	General Supervisor College of Pathology Accredited Antiretroviral Therapeutic Drug Monitoring Service UNC Eshelman School of Pharmacy Chapel Hill, North Carolina
<i>July 2003-present</i>	Clinical Specialty Pharmacist UNC Infectious Diseases Clinic Chapel Hill, North Carolina
<i>October 2007 – Dec 2011</i>	Clinical Assistant Professor University of North Carolina at Chapel Hill School of Medicine Chapel Hill, North Carolina
<i>July 2003 – Nov 2011</i>	Clinical Assistant Professor University of North Carolina at Chapel Hill Eshelman School of Pharmacy Chapel Hill, North Carolina
<i>January 2005 - present</i>	Clinical Associate Center for AIDS Research University of North Carolina at Chapel Hill

Chapel Hill, North Carolina

January 2004 - December 2006

Co-investigator

Adult AIDS Clinical Trials Group
Pharmacology Support Laboratory
University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

July 2000 - June 2003

Clinical Instructor

University of North Carolina at Chapel Hill
School of Pharmacy
Chapel Hill, North Carolina

EDUCATION AND TRAINING

July 2001 - June 2003

Infectious Diseases Pharmacotherapy Fellow

University of North Carolina at Chapel Hill
School of Pharmacy
Director: Angela D.M. Kashuba, BScPhm, PharmD, DABCP

July 2000 - June 2001

***Infectious Diseases Pharmacy Resident
Clinical Instructor, School of Pharmacy***

University of North Carolina at Chapel Hill
UNC Healthcare
Co-Directors:
Ralph H. Raasch, PharmD, BCPS, FACCPS
John C. Rublein, PharmD, BCPS

July 1999 - June 2000

Pharmacy Practice Resident

Wake Forest University Baptist Medical Center
Winston-Salem, North Carolina
Director: (b) (6)

August 1995 - May 1999

Doctor of Pharmacy

Campbell University
School of Pharmacy
Buies Creek, North Carolina

August 1990 - December 1994

Bachelor of Science in Chemistry

University of North Carolina at Chapel Hill
Chapel Hill, North Carolina

LICENSURE AND CERTIFICATIONS

October 2013-present

New Foundations in Herbal Medicine
Tieraona Low Dog, MD

February 2014

Crystalline Reiki II Training

A. CATHARINE ROSS
CURRICULUM VITAE

PRESENT POSITION: Professor of Nutrition,
Occupant, Dorothy Foehr Huck Chair,
Department of Nutritional Sciences,
Pennsylvania State University

Work address: 110/204 Chandlee Building
University Park, PA 16802
Office phone: (814) 865-4721/Fax: 814 863-6103
E-mail: acr6@psu.edu

EDUCATION

B.S. 1970	University of California at Davis; (College of Letters and Sciences, major in zoology)
M.N.S. 1972	Cornell University, Graduate School of Nutrition, (College of Agriculture and Life Sciences, emphasis in nutritional biochemistry)
Ph.D. 1976	Cornell University, Department of Biochemistry, Molecular and Cell Biology (graduate advisor (b) (6) , Ph.D.)
Post-doctoral 1976-78	Columbia University, Department of Medicine, Division of Metabolism and Nutrition [preceptor (b) (6) M.D.]

PREVIOUS POSITIONS HELD

1978-1982	Assistant Professor of Biochemistry, Department of Physiology and Biochemistry, Medical College of Pennsylvania Assistant Professor of Pediatrics (Nutrition), Department of Pediatrics, Medical College of Pennsylvania
1983-1989	Associate Professor of Biochemistry, Department of Physiology and Biochemistry, Medical College of Pennsylvania
Spring 1982	Visiting Scientist, Institute of Nutrition Research, University of Oslo, Oslo, Norway
1989-1994	Professor of Biochemistry, Department of Biochemistry (known as Department of Physiology and Biochemistry prior to 1992)
1991-1994	Professor of Pediatrics (Nutrition), Department of Pediatrics
1986-1994	Director, Division of Nutrition, Medical College of Pennsylvania
1991-1993	Director of Graduate Training, Department of Biochemistry, Medical College of Pennsylvania