

**DUKE UNIVERSITY MEDICAL CENTER
CURRICULUM VITAE**

Date prepared: January 24, 2017

Name: **Dennis Alfred Clements III MD MPH PhD**

Primary Academic Appointment: **PEDIATRICS**

Social Security Number: ***_**_****

Present Academic Rank: Professor with tenure (3/1/2002)
Department of Pediatrics
Duke University Medical Center (DUMC)
Durham, NC 27710 USA

Professor Global Health
Duke University
Durham, NC 27708 USA

Professor (10/1/2002))
Dept. Community & Family Medicine
DUMC, Durham, NC 27710 USA

Professor (9/1/2003)
Department of Medicine
DUMC, Durham, NC 27710 USA

Professor (5/01/2008)
School of Nursing
DUMC, Durham, NC 27710 USA

Adjunct Professor (9/1/02)
Department of Epidemiology
School of Public Health
University of North Carolina
Chapel Hill, NC, USA

Date and Rank of first Duke appt: Pediatric Clinical Associate (7/1/78)

Medical licensure: 1) Diplomat National Board of Medical
Examiners (123019) 1974
2) North Carolina State License
(19587) 1974

Specialty Certification: American Board of Pediatrics 1978
(21196)
Pediatric Infectious Diseases 1997
(000531) (not renewed)

Date of birth: 30 November 1946

Place of birth: Birmingham, Alabama, USA

Citizen of: USA

Education:	<u>Place</u>	<u>Degree</u>	<u>Date</u>
High School	Leysin, Switzerland	Diploma	1964
University	Johns Hopkins, Maryland	BA	1968
Graduate School	Univ. of Rochester, NY	MD	1973
	UNC - Chapel Hill, NC	MPH	1988
	UNC – Chapel Hill, NC	Ph.D.	1990
(School of Public Health - Epidemiology “Risk Factors for HIB Disease in Australia”)			

PROFESSIONAL TRAINING AND ACADEMIC CAREER

Residency:

Pediatrics, (PL1, PL2, PL3) Duke University Medical Center Durham, N. C. 27710	1973-1976
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Military Service:

Flight Surgeon, USAF, Norton AFB, CA	1976-1978
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Private Pediatric Practice:

Partner, Durham Pediatrics Central Medical Park Durham, NC 27705	1978-1986
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Fellowships:

Pediatric Infectious Diseases Duke University Medical Center Durham, N. C. 27710	1986-1988
Fellow, Department of Microbiology/Infectious Diseases Royal Children's Hospital Melbourne, Victoria 3052 AUSTRALIA	1988-1990

Occupation:

Medical Director, Duke Primary Care	1998-2005
Vice Chair Pediatrics for Primary Care Services	1997-2005
ID Attending Staff Duke Children’s and Durham VA hospitals	1990-2005
Interim Chair Department of Pediatrics (1 March 2004-30 June 2005)	2004-2005
Chief Medical Officer of the Duke Children’s Hospital	2005-2007
Executive Vice-Chair for Clinical Services – Department of Pediatrics	2005-2007
Division Chief Duke Children’s Primary Care	1994-2016
Course Director, Exploring Medicine in Other Cultures - Duke Med	2000-present
Advisor, Medical Spanish Course – Duke Medical School	2004-present
Senior Advisor – Duke Global Health Institute	2007-present
Director, Center for Latin American and Caribbean Studies	2008-2012
Co-Director, Consortium for Latin American & Caribbean Studies	2008-present

Present Address:

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PUBLICATIONS

1. Refereed Journals:

- 1) Vogel CL, **Clements DA**, et al. Phase II Trials of BCNU and Bleomycin in the treatment of Kaposi's Sarcoma. *Cancer Chemotherapy Reports* **1973**;57:325-33.
- 2) **Clements DA** and Gilbert GL. *Haemophilus influenzae* type b Infection: Victoria and Worldwide. *Aust Microbiologist* **1989**;10:523-526.
- 3) **Clements DA**, Gilbert GL. Increase in *Neisseria meningitidis* Infection in Australia. *Lancet* **1989**;ii:1464.
- 4) **Clements DA**. *Haemophilus influenzae* type b Infections in Australia and Worldwide. Australian Society for Microbiology - Tasmania Branch. **1989**;4:3-6.
- 5) **Clements DA**, Wilfert CM, MacCormack JN, Weigle KA and Denny FW. Pertussis Immunization in eight-month-old children in North Carolina. *Am J Pub Health* **1990**;80:734-736.
- 6) Gilbert GL, **Clements DA**, Broughton SJ. *Haemophilus influenzae* type b infections in Victoria, Australia 1985-87. A population based study to determine the need for immunization. *Pediatr Infect Dis J* **1990**;9:252-257.
- 7) **Clements DA**, Rouse JB, London WL, Yancy WS, Moggio MV and Wilfert CM. Antibody response of 18 month old children 1 and 18 months following *Haemophilus influenzae* type b (PRP) vaccine administered singly or with DTP vaccine. *Journal of Paediatrics and Child Health* **1990**;26:46-49.
- 8) **Clements DA**, Gilbert GL. Immunization against *Haemophilus influenzae*. *Med J Aust* **1990**;152:397-398.
- 9) **Clements DA**, Gilbert GL. Immunization for the prevention of *Haemophilus influenzae* type b disease: A review. *Australian and New Zealand J of Medicine* **1990**;20:828-34.
- 10) **Clements DA**. *Haemophilus influenzae* type b: A description of the organism, the components of the cell envelope and their contribution to virulence. *Austr Microbiologist* **1990**;11:427-30.
- 11) **Clements DA**, Guise IA, MacInnes SJ, Gilbert GL. *Haemophilus influenzae* type b infections in Victoria, Australia 1985-89. *J Infect Dis* **1992**;165(suppl):S33-34.

12) Takala AK, **Clements DA**. Socioeconomic Risk Factors for invasive *Haemophilus influenzae* type b Disease. J Infect Dis: **1992**;165(suppl): S11-15.

13) **Clements DA**, MacInnis SJ, Gilbert GL. Outer membrane protein (OMP) subtypes of *Haemophilus influenzae* type b (HIB) causing invasive disease in Victoria, Australia 1988-90. J Clin Micro **1992**;1879-81.

14) **Clements DA**, Guise I, Sherry A. Day care attendance rates in Victoria, Australia 1988-90. Implications for the future. J Paediatr Child Health **1992**;29:71.

15) **Clements DA**, Booy R, Dagan R, Gilbert GL, Moxon ER, Slack M, Takala A, Zimmermann HP, Zuber LF, Eskola J. A Comparison of Epidemiology and Cost of *Haemophilus influenzae* type b (Hib) Disease in Five Western Countries. Ped Infect Dis J. **1993**;12:362-367.

16) Gilbert GL and **Clements DA**. Distribution of *Haemophilus influenzae* type b outer membrane protein subtypes in different ethnic groups in Australia. J Infect Dis **1993**;168:255.

17) **Clements DA**, Katz SL. Varicella in a susceptible pregnant woman. Curr Clin Top Infect Dis **1993**;13:123-130.

18) Walter E, Drucker R, **Clements DA**. A major barrier to the universal immunization of infants against Hepatitis B. Arch Pediatr Adolesc Med **1994**;148:538-539.

19) Clements DA. Cost of Treatment and Prevention of *Haemophilus influenzae* type b Disease: An International Perspective. Pharmacoeconomics **1994**; 6(5):442-452.

20) Walter EB, Simmons SS, **Clements DA**. Anti-PRP antibody levels five years after a primary series of *Haemophilus influenzae* type b HIB conjugate vaccine. J Infect Dis **1994**;170:1050-1.

21) Jones SE, Armstrong CB, Bland C, Walter EB, **Clements DA**. Varicella Prevalence in Day Care Centers. Pediatric Infect Dis **1995**;14:404-405.

22) Walter EB, Elliott AJ, Regan AN, Drucker RP, **Clements DA**, Wilfert CM. Maternal Acceptance of Voluntary Human Immunodeficiency Virus Antibody Testing During the Newborn Period using the Guthrie Card. Pediatr Infect Dis J **1995**; 14:376-81.

23) **Clements DA**, Armstrong CB, Ursano AM, Moggio MV, Walter EB, Wilfert CM. Over five-year follow-up of Oka/Merck varicella vaccine recipients in 465 infants and adolescents. Pediatr Infect Dis J **1995**;14:874-9.

24) Watson B, Rothstein E, Bernstein H, Arbeter A, Arvin A, Chartrand S, **Clements D**, Kumar ML, Reisinger K, Blatter M, Starr SE, Straehle B, Ngai A, White CJ. Safety and Cellular and Humoral Immune Responses of a Booster Dose of Varicella Vaccine 6 Years after Primary Immunization. J of Infect Dis **1995**;172:217-9.

25) Gilbert GL, Johnson PD, **Clements DA**. Clinical manifestations and outcome of *Haemophilus influenzae* type b disease. J Paediatr Child Health **1995**;31:99-104.

- 26) **Clements DA**, Weigle, KA, and Gilbert GL. A case-control study examining risk factors for invasive *Haemophilus influenzae* type b disease in Victoria, Australia 1988-90. *J Paediatr. Child Health* **1995**;31:513-518.
- 27) **Clements DA**, Langdon ML, Bland CL, Walter EB. Influenza A Vaccine Decreases the Incidence of Otitis Media in 6-30 Month Old Day Care Children. *Archives of Pediatrics and Adolescent Medicine* **1995**;149:1113-1117.
- 28) Kuter BJ, Ngai AL, Patterson CM et al. Safety, tolerability and immunogenicity of two regimens of OKA/Merck varicella vaccine in healthy adolescents and adults. *Vaccine* **1995**;13:967-972.
- 29) Combs SP, Walter EB, Drucker RP, **Clements DA**. Removing a Major Barrier to Universal Hepatitis B Immunization in Infants. *Archives of Pediatrics and Adolescent Medicine* **1996**;150:112-114.
- 30) Ngai AL, Staehle BO, Kuter BJ et al. Safety and Immunogenicity of one vs. two injections of Oka/Merck Varicella Vaccine in Healthy Children. *Ped Infect Dis J* **1996**;15:49-54.
- 31) **Clements DA**. Influenza A Vaccine and the Incidence of Otitis Media. *Archives of Pediatrics and Adolescent Medicine* **1996**;150:652-3.
- 32) **Clements DA**. Modified Varicella-Like Syndrome. *Infectious Disease Clinics of North America* **1996**;10(3):617-629.
- 33) Walter EW, Simmons SS, Bland CL, **Clements DA**. Modified varicella like syndrome in children previously vaccinated with live attenuated measles, mumps, rubella and varicella vaccine. *Ped Infect Dis J* **1997**;16:626-627.
- 34) **Clements DA**. Use of Influenza A vaccines in children. *Balliere's Clinical Paediatrics: Respiratory Infections: Prevention and Review* **1997**;5:157-170.
- 35) Reuman PD, Sawyer MH, Kuter BJ, Matthews H and the MMRV Study Group. Safety and immunogenicity of concurrent administration of measles-mumps-rubella-varicella vaccine and PedvaxHIB vaccines in healthy children twelve to eighteen months old. *Pediatric Infect Dis J* **1997**;16:662-7.
- 36) Walter EB, Sung J, Meine EK, Drucker RP, **Clements DA**. Lack of effectiveness of a letter reminder for annual influenza immunization of asthmatic children. *Ped Infect Dis J* **1997**;16:1187-1188.
- 37) Rennels MB, Hohenboken MJ, Reisinger KS, **Clements DA** et al. Comparison of acellular DTP and *Haemophilus influenzae* type b vaccines administered separately versus combined in younger versus older toddlers. *Pediatr Infect Dis J*:**1998**;17:164-166.
- 38) Meine EK, Bailey SR, Drucker RP, **Clements DA**, Walter EB. Varicella vaccination in a primary care pediatric practice. *Archives of Pediatrics and Adolescent Medicine* **1998**;152 (608-609).

- 39) Walter EB and **Clements DA**. Travel consultation for children in a University Affiliated Primary Care Setting. *Ped Infect Dis J*. **1998**;17:841-843.
- 40) Walter EB, Hornick R, Poland GA, Tucker R et al. Concurrent Administration of Inactivated Hepatitis A Vaccine with Immune Globulin in Adults. *Vaccine* **1999**;17:1468-73.
- 41) Frey S, Dagan R, Ashur, Y, **Clements D**, et al. Interference of antibody production to hepatitis B surface antigen in a combination Hepatitis A/Hepatitis B vaccine. *J Infect Dis* **1999**;2018-22.
- 42) **Clements DA**, Coplan P, Moriera S, Bland C, Walter EB. Post-licensure study of Varicella vaccine Effectiveness in a Day Care setting. *Ped Infect Dis J* **1999**;18:1047-50.
- 43) **Clements DA**. Varicella Vaccination in Children. *BioDrugs* **2000**;14:49-60.
- 44) **Clements DA**, Zaref JI, Bland CL, Walter EB, Coplan PM. Partial Uptake of Varicella Vaccine and the Epidemiologic Effect on Diseases in Eleven Day Care Centers in North Carolina. *Arch Pediatr Adol Med* **2001**;155:455-461.
- 45) Lee PL, Matchar DB, **Clements DA**, Huber J, Hamilton JD, Peterson ED. Economic Analysis of Influenza Vaccination and Anti-Viral Treatment for Healthy Working Adults. *Annals of Internal Medicine* **2002**; 137:225-231.
- 46) Woods CW, Bressler AM, LiPuma JL, Alexander BD, **Clements DA**, Weber DJ, Moore CM, Reller LB, Kaye KS. Virulence Associated with Outbreak-related Strains of *Burkholderia cepacia* Complex among a Cohort of Patients with Bacteremia. *Clin Infect Dis* **2004**; 38:1243-50.
- 47) Kuter B, Matthews H, Shinefield H, Black S et al. Ten Year Follow-up of Healthy Children who Received one or two Injections of Varicella Vaccine. *Pediatr Infect Dis* **2004**; 23:132-7.
- 48) Walter EB, Snyder MA, **Clements DA**, Katz SL. Large Injection Site Reactions after a Second Dose of Varicella Vaccine. *Pediatr Infect Dis* **2008**;27(8):757-9.
- 49) Pollak, KI, Alexander, SC, Østbye, T, Lyna, P, Tulsy, JA, Dolor, RJ, Coffman, C, Brouwer, RJN, Esoimeme, I, Manusov, JRE, Bravender, T, Primary care physicians' discussions of weight-related topics with at risk and overweight adolescents: Results from the Teen CHAT pilot study. *Journal of Adolescent Health*. 2009; 45(2) 205-207.
- 50) Salsbury, Mark; Fetzko, Stephanie; Flack, Sheila; Bodnar, Wanda; **Clements, Dennis**; Nylander-French, Leena A. "EVALUATION OF A URINE BIOMARKER OF ACETAMIPRID EXPOSURE IN HONDURAN PESTICIDE APPLICATORS: A PILOT STUDY" (re-submitted)
- 51) Walter EB and **Clements DA**. Pneumococcal Conjugate Vaccine: Are 3 Doses Equal to 4 Doses? (2013). *Pediatrics*, 08/2013, Volume 132, Issue 2, pp. e498 - E499
- 52) Matthew D Gunderson, MScGH; **Dennis Clements, MD**; Sara Elizabeth Benjamin Neelon, PhD, MPH, RD: Nutritional Quality of Foods Marketed to Children in Honduras. *Appetite*, 02/2014, Volume 73, pp. 1 - 6.

53) Bhavna T. Pahal, DDS, PhD, R. Gary Rozier, DDS, Sally C. Stearns¹, PhD, John S. Preisser, PhD, **Dennis A. Clements, MD, PhD** The Effect of Dental Referrals by Primary Care Providers on Children's Dental Utilization. *AJPH* submitted.

54) Romina Libster, Monica McNeal, Emmanuel Walter, Andi Shane et al. Safety and Immunogenicity of Sequential Rotavirus Vaccine Schedules. *Pediatrics* 2016;137;1-10

55) **Clements DA**, Vaccination to Prevent Cancer. *NCMJ* 77:337-340 2016

56) Ezzeldin Saleh...**Dennis Clements**. An open-label pilot study to compare the safety and immunogenicity of an alternate dosing schedule (2-5 weeks, 2 and 4 months) for pentavalent rotavirus vaccine (RV5) to the standard recommended schedule (2,4 and 6 months) *Ped Infect Dis J*; submitted

57) Burrell H, Song KW, **Clements DA**. A Qualitative Survey of Trash Disposal in Rural Honduras. *Journal of Public Health in Developing Countries*. 2016;2;3. 291-6.

1. Recent Poster Presentations/lectures:

Exploring Medicine in Foreign Cultures, Interdis 422c. Clements et al, Global Health Symposium Duke University February 11, 2014

Picking up the Pieces after Natural Disasters – Clements Knowledge, Policy, Environments and Publics in Globalizing Latin America – Feb 10-11, 2006, Chapel Hill, NC

Staying in Touch From Afar. Linda Lee and Dennis Clements. CIT Instructional Technology Showcase 2006, Duke University April 27, 2006.

2. Book Chapters:

Haemophilus influenzae type b. In: *Infectious Diseases of Children*, 9th Edition, eds. Krugman S, Katz SL, Gershon AA, Wilfert CM. Mosby-Year Book, St. Louis (1992)

Relationship of viral isolation to otitis media in a research day care center 1978-1988. Clements DA, Henderson FW, Neebe EC. *Recent Advances in Otitis Media - Proceedings of the 5th International Symposium*. Lim, Bluestone, Klein, Nelson, Ogra (eds). Decker Periodicals (1993)

Haemophilus influenzae type b. In: *Infectious Diseases of Children*. 10th Edition, eds. Katz SL, Gershon AA, Wilfert CM. Mosby-Year Book, St. Louis (1997)

Pharyngitis, Laryngitis and Epiglottitis. In: *Infectious Diseases*, eds. Armstrong D and Cohen J. Mosby, London, England (1999).

Haemophilus influenzae type b. In: Infectious Diseases of Children. 11th Edition, eds. Katz SL, Gershon AA, Wilfert CM. Mosby-Year Book, St. Louis (2003)

Pharyngitis, Laryngitis and Epiglottitis. In: Infectious Diseases, eds. Armstrong D and Cohen J. Mosby, London, England (2003).

Infections in Day Care Environments. In: Current Pediatric Therapy, eds Burg, Ingelfinger, Polin, Gershon. Elsevier Science, Philadelphia (2005)

The Health Professions Educator: A Practical Guide for New and Established Faculty. Gerald Kayingo and Virginia McCoy Hass eds, International Clinical Rotations (2017)

3. Grants:

Doris Duke International Clinical Research Fellowships \$861,078 – August 2012-2017

Title VI – Latin American and Caribbean Studies – Duke –UNC Consortium 2014-2018
\$2,560,000

ORGANIZATIONS AND PARTICIPATION:

Current Professional Societies:

Ambulatory Pediatric Society
 American Academy of Pediatrics
 Australasian Society of Infectious Disease
 European Society of Paediatric Infectious Diseases
 Infectious Disease Society of America (Fellow)
 Durham-Orange County Medical Society –President 2006
 North Carolina Pediatric Society
 Pediatric Infectious Disease Society of America
 Society of Epidemiologic Research

Committees and Positions

Duke Regional Hospital	
Pharmacy Committee	1979-1982
Pediatric Training Director	1979-1986
Medical Education Committee	1983-1986
Duke University Medical Center	
Clinical Research Unit Advisory Committee	1993-1996
Managed Care Operations Committee - Physicians	1994-1997
Primary Care Committee	1994-1998
Joint Ventures Managed Care Operating Committee	1995-1998
Executive Committee of the Medical Staff	1998-2005
Medical Student mentor (MPH, 1 st -4 th year)	1990-pres.
Duke Children’s Hospital	
Planning and Marketing Committee	1993-1996
Pediatric Resident Applicant Interview Committee	1990-pres.
Duke Children’s Hospital Advisory Committee	1994-1998
Duke Children’s Clinical Operations Committee	1994-1998
Vice Chair for Primary Care Services	1997-2007.
Vice Chair for Pediatric Outreach/government Relations	2003-2007.
Chief Medical Officer Duke Children’s Hospital	2005-2007
Duke University and Health System	
DUAP Advisory Board	1999-2005

Medical Director, PDC Primary Care	1999-2005.
Duke University Health System Board of Directors	2000-2003
PrimaHealth IPA Board member and Treasurer	1997-2010
Duke Center for Latin American & Caribbean Studies	2002-pres.
Duke University International Affairs Committee	2003-2010
Duke Primary Care Advisory Committee	2006-2012.
Co-Director LAS Consortium – Duke and UNC	2006-pres
Board Member, Duke Human Rights Committee	2009-2016
Board Member, Duke Center for Civic Engagement FHI	2010-pres
Duke Medicine Global Support Corporation	2010-2016
Duke University Board of Trustees Audit Committee	2010-pres.
Duke Integrated Primary Care	2012-2015
Academic Council (1997-2001, 2003-5, 2009-15, 2016-8)	2009-2018
Executive Committee Academic Council	2012-2014
Global Priorities Committee, Duke University	2012-pres
SEAD Director of Student Recruitment	2014-pres

North Carolina State

Immunization Advisory Committee	1996-2013.
Physician Advisory Committee to Medicaid -secretary	2002-2015
Durham Community Health Network – Medical Director	2001-2013
Dental Advisory Committee to Medicaid	2004-2013
North Carolina Committee for Dental Health, DHHS	2004-pres
NC State Health Coordinating Council (Representing NC academic health centers)	2005-2014.

Other

Carolina for Kibera Advisory Board	2003-2012
Board of SEEDS, NC –past president	2007-2016.
Advisory Board, East Durham Children’s Initiative	2010-2013.
Family Health Ministries Board - vice chair	2013-pres.

Honors and Awards

UNC Graduate Student Honors Award	1989
Frank E, Engel Society	2003
Alpha Omega Alpha (Honor Medical Society)	2005
Master Clinician-Teacher Award – Duke Medical School	2006
Denny, Katz, Simon, Tingelstad Academic Service Award	2006
Dennis A. Clements Outstanding Service Award in Latin American & Caribbean Studies	2012
Professor of the Year, DGHI undergraduates	2014
Excellence in Professionalism Duke Medicine Award	2015
Duke University Meritorious Service Award	2016

To be completed by Chairman:

Teaching responsibilities including continuing education:

Dr. Clements precepts medical and PA students, and pediatric and psychiatry residents in the outpatient clinic each week. He gives lectures on infectious disease, immunology and epidemiology to medical students, PA students, residents and fellows, including grand rounds at Duke and UNC. Dr. Clements frequently supervises one 3rd year medical students each year while they obtain their MPH from UNC. He is the course director for a medical school course entitled "Exploring Medicine in Foreign Cultures" which has 20 hours of didactic education and a ten day practicum in Honduras. Typically 40 students take his course both from Duke and UNC and 15 students accompany him on the trip to Honduras. He is also director of the medical Spanish curriculum for the medical students. Dr. Clements teaches a course on Vaccines at UNC SPH.

Areas of research interests:

- 1) *Health disparities and health care for the disadvantaged*
- 2) *Infectious Disease Epidemiology - otitis media, varicella, influenza*
- 3) *Cost-effectiveness of vaccination strategies*
- 4) *Vaccine Effectiveness - varicella vaccine use in day care*
- 5) *Preventive health care strategies - including vaccination, screening tests*
- 6) *Health Care Delivery systems – contracting, business plans, access to care, management*

Clinical Research: External Grant Support

While Dr. Clements was in charge of the Duke Vaccine Unit from 1990-1996 grant support totaled approximately \$1.75 million dollars.

Year Trial/Grant Description

- 1990 - Interchangeability of PedvaxHIB, HibTITER and ProHIBIT*
- 1990 - Oka/Merck Varicella vaccine in adolescents and adults*
- 1991 - PRP-OMP vaccine in HIV patients - Merck*
- 1991 - Liquid PedvaxHIB vaccine in children - Merck*
- 1991/4 - Ability of influenza A vaccine to prevent otitis media in day care - Pasteur Mérieux*
- 1992 - Oka/Merck Varicella vaccine in adults - two dose regimen.*
- 1992 - Oka/Merck Varicella vaccine in children 1 vs. 2 doses*
- 1992 - MMRV vaccine in children - Merck*
- 1992 - 5 year follow-up revaccination of children with Oka/Merck Varicella vaccine*

1992 - Hepatitis A vaccine in adults - Merck
1992 - MMRV vaccine +/- Hib vaccine at 12-15 months of age - Merck
1993 - RWJ "All Kids Count" immunization tracking project Durham County, NC
1993 - HIV screening of newborns in Durham and Wake County, NC
1993 - Seroprevalence of measles antibody in HIV infected children post MMR
1994 - Hepatitis A vaccine in adults - consistency lots Merck
1994 - Hepatitis A vaccine +/- immunoglobulin in adults - Merck
1994 - Varicella efficacy trial - day care children -Merck
1994 - Tetracel vs. HbOC + DTaP in 12-18 month old children - Lederle
1994/5 - Rotavirus vaccine in infants - Wyeth
1995 - AIK-C Measles in 6 mo. olds - Connaught
1995 - BCG vaccine in hospital employee - Connaught
1995 - Hepatitis A/B vaccine in adolescents & adults
1995 - Acellular pertussis vaccine in infants – Amvax
1996 –Pediatric Allergy Learning Study – Schering Plough
1996 – Dr. Emmanuel Walter assumes directorship of Vaccine Unit

External Grant Support

Doris Duke International Clinical Fellowship Director - \$861,078 (2012-2017)

Clinical activity - type of practice and estimate of time commitment:

Dr. Clements sees patients in the outpatient clinic at Roxboro Street, Durham, NC. He was chief of Duke Children's Primary Care from 1991-2017 He has a large panel of patients (two half days per week) while also pursuing education and administrative tasks for the department and DGHI.

Participation in academic and administrative activities of the University and Medical Center:

Member Audit Committee Duke University Board of Trustees

Member of Third Year Committee Duke University School of Medicine

Member of the Pediatric Residency Interview Committee

Medical School Course Director of "Exploring Medicine in Foreign Cultures"

Career Advisor to Pediatric Residents (2001 – present)

Member APT Committee Member 1)Community and Family Medicine and 2)School of Medicine

Emeritus Director, Pediatric Phantoms of Phun (20 year anniversary 2010)

Signature of Chairman: _____

Date: ____ / ____ / ____

Optional - PERSONAL INFORMATION

Home address: 119 Wisteria Drive, Chapel Hill, NC 27514, USA

Home phone: 919-493-5304

Marital Status: Married

Name of Spouse: Martha Ann Keels Degrees: DDS, Ph.D.

Children: Gillian, age 36
Morgan, age 35
Meredith, age 32

Activities: Chamber Music Participant, Flight Instructor, Birdwatcher, Scuba Diver, Photographer