

DUKE UNIVERSITY MEDICAL CENTER  
CURRICULUM VITAE

**Thomas N. Denny**

January 2017

**PRIMARY ACADEMIC APPOINTMENT(s):**

Professor of Medicine 2010 – present  
Department of Medicine, Duke School of Medicine  
Duke University Medical Center  
Durham, North Carolina

Chief Operating Officer 2006 – present  
Duke Human Vaccine Institute and Center for HIV/AIDS  
Vaccine Immunology  
Duke School of Medicine, Duke University  
Durham, North Carolina

Director 2006 – present  
Duke Human Vaccine Institute- Immunology Quality  
Assessment Center  
Duke School of Medicine, Duke University  
Durham, North Carolina

**SECONDARY APPOINTMENT(s):**

Member, Health Sector Advisory Board 2010-present  
Duke Fuqua School of Business  
Duke University  
Durham, North Carolina

Member, Duke Center for AIDS Research 2006 – present  
Duke School of Medicine  
Duke University  
Durham, North Carolina

Member, Duke Global Health Institute 5/1/13 - present  
Duke University  
Durham, North Carolina  
(Affiliate Member, Duke Global Health Institute 2009-2013)

**PRESENT ACADEMIC RANK AND TITLE**

Professor of Medicine

**DATE AND RANK OF FIRST DUKE FACULTY APPOINTMENT**

Temporary Instructor/ Associate Professor,  
Track 5, May 2006

**MEDICAL LICENSURE**

N/A

**CITIZENSHIP**

United States

**EDUCATION****INSTITUTION****DATE/YEAR****DEGREE****High School**St. Thomas More High  
School Philadelphia, PA

1972

Diploma

**College**Pennsylvania State  
University

1975

Bachelor of Science (B.S.),  
Biology**GRADUATE/PROFESSIONAL SCHOOL**Master of Science (M.Sc.), Molecular and Biomedical Immunology  
University of East London, Faculty of Sciences and Health, London, United  
Kingdom

2001

Thesis: Immunological Assessment of Maternal and Fetal Baboon  
Immunoregulatory CellsMASTER IN MEDICAL LAW (M. Phil), Beginning of Life and Genetic Issues  
Institute of Law and Ethics in Medicine, School of Law, University of Glasgow,  
Glasgow, Scotland

2010

Thesis: Contemporary Science and Old Traditions: Stem Cell Policies in the  
United Kingdom and the United States**ADDITIONAL GRADUATE WORK:**Fourteenth Annual Summer Institute in Management of Nonprofit Organizations  
Robert F. Wagner Graduate School of Public Service  
New York University, New York, New York

1992

**FELLOWSHIP**Robert Wood Johnson Foundation Health Policy Fellow National Academies  
Institute of Medicine U.S. Senate Committee on Health, Education, Labor and  
Pensions (Legislative portfolio: Global HIV/AIDS, Biodefense, Vaccines, Clinical  
Trials/IRB) <http://www.healthpolicyfellows.org/home.php>

2002-2003

**ONGOING TRAINING:**Certificate in Isotope Handling, Hahneman Medical College and Hospital  
Philadelphia, Pennsylvania

1975

Development of the Saginaw Community Cancer Center Research Laboratory,  
Saginaw, Michigan: A Satellite Campus of Michigan State University College of  
Human Medicine

1976

Participant in the American Society of Clinical Pathologists Continuing Education  
Program

1979

Research Diving Program, Bermuda Biological Station for Research, St. Georges  
West, Bermuda

1981

Annual Course in Flow Cytometry, Applications in Immunobiology and Cell  
Biology, Los Alamos National Laboratory, Los Alamos, New Mexico

1987

Strategic Management Program, The Wharton School, University of Pennsylvania,

1991

Philadelphia, Pennsylvania	
Program for Advanced Training in Biomedical Research Management, Harvard School of Public Health, Boston, Massachusetts	1993
Design Principles for Immune System and Other Distributed Autonomous Systems, Santa Fe Institute, Santa Fe, New Mexico	1999
Human Subject Participant Protection Training Certification, Investigational Review Board New Jersey Medical School, Newark, New Jersey	2001
Intensive Bioethics Course XXIX – A Brave New World The Kennedy Institute of Ethics, Georgetown University, Washington, DC	2003
Leadership Academy, New Jersey Medical School, Newark, New Jersey	2003

### SCHOLARLY SOCIETY

Sigma Xi, The Scientific Research Society	1987
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### PROFESSIONAL TRAINING AND ACADEMIC CAREER:

Institution	Position/Title	Dates
University of Pennsylvania, Philadelphia, PA	Research Assistant Department of Pathology, Veterinary Medical College	1973–1974
Hahneman Medical College and Hospital, Philadelphia, PA	Research Assistant Department of Surgery and Medicine, Hematology / Oncology Section	1974–1975
American Red Cross, Lansing, MI	Research Assistant	1975–1977
Michigan State University, East Lansing, MI	Senior Research Assistant Oncology / Hematology Laboratory, Department of Medicine, College of Human Medicine	1975–1979
Capital Area Career Center, Mason, MI	Instructor Department of Allied Health	1977–1979
Sloan Kettering Institute, Memorial Sloan-Kettering Cancer Center, New York, NY	Senior Research Assistant Developmental Immunobiology, Cell Engineering and Cancer Immunotherapy Section Laboratory and Lymphocyte Surface Marker Laboratory	1979–1983
UMD-New Jersey Medical School, Newark, NJ	As Follows:	1983-2006
	Research Teaching Specialist II, Laboratory Supervisor Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics	1983–1986
	Director of Research Administration and Laboratory Services Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics	1986-1992
	Associate in Pediatrics	1987-1997

Director, Center for Laboratory Investigation Division of Allergy, Immunology and Infectious Diseases, Department of Pathology, Laboratory Medicine and Pediatrics	1990-2006
Executive Director Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics New Jersey Medical School	1992-2003
Assistant Professor of Pathology Laboratory Medicine and Pediatrics	1997-2002
Associate Professor of Pathology, Laboratory Medicine and Pediatrics	2003-2006
Assistant Dean for Research in Health Policy	2003-2006
Associate Professor of Preventive Medicine and Community Health	2005-2006

**PROFESSIONAL ACTIVITIES**

Consultant	Becton Dickinson Immunocytometry Systems, San Jose, California	1989-1990
Consultant	Coulter Immunology, Coulter Incorporated, Miami, Florida	1991-1992
Consultant	Ministry of Health, Republic Kalmykia, Halmg Tangche, Russia, (Former Soviet Union)	1991-2006
Guest Editor	<i>Clinical Immunology Newsletter</i> . Pediatric HIV Infection: Epidemiology, Treatment and Laboratory Diagnosis. Vol. 12 #6	1992
Editor	<i>Immunology Updates</i> , Publisher Norman E. Williams, Wyckoff, New Jersey	1992-1993
Consultant	Abbott Laboratories Diagnostics Division, Abbott Park, Illinois	1992-1994
Consultant	Zynaxis Cell Sciences, Malvern, Pennsylvania	1992-1996
Ad Hoc Reviewer	<i>Journal of Clinical Immunology and Immunopathology</i> , <i>Clinical Infectious Diseases</i> and <i>Journal of International Infectious Diseases</i>	1992– present
Editor	<i>Pediatric HIV Forum</i> , Publisher Norman E. Williams, Wyckoff, New Jersey	1993-1995
Member Editor Board	<i>Communications in Clinical Cytometry</i> (re-appointed 1998)	1993 - present

Consultant	Lviv Regional Specialized Children's Hospital of Chernobyl, Lviv, Ukraine, (Former Soviet Union)	1993-2006
Member, Special Review Committee	AIDS P-94-25B- Master Agreement for Preclinical Vaccine Development, National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID), Bethesda, Maryland	1994
Participant, Working Group	<i>Pneumocystis carinii</i> Prophylaxis for Infants and Children At-Risk for HIV, Centers for Disease Control, Atlanta, Georgia	1994
Member, Conference Scientific Program Committee	Sixth International Conference on Human Retrovirology: HTLV, Absecon, New Jersey	1994
Consultant	Serono Laboratories, Inc., Norwell, Massachusetts	1994-1995
Consultant	Biometric Imaging, Mountain View, California	1994-1996
Member Editorial Board	<i>Clinical Diagnostic and Laboratory Immunology</i> (re-appointed 1999 and 2002)	1994-2005
Member, Cellular Diagnostic Advisory Panel	Abbott Laboratories Diagnostics Division, Abbott Park, Illinois	1994-1997
Visiting Scientist	Pedro Kouri Institute of Tropical Infectious Diseases, Havana, Cuba	1995
Consultant	Bio Delivery Systems International, Newark, New Jersey	1995-2005
Member, Advisory Board	Frontier Science and Technology Research Foundation, Amherst, New Jersey	1995-1998
Member, International Scientific Committee for Clinical Science	The XI International Conference on AIDS, Vancouver, British Columbia	1996
Consultant	Smith – Kline Beecham Pharmaceuticals, Philadelphia, Pennsylvania	1997-1999
Member, International Scientific Committee for Clinical Science	The XII International Conference on AIDS, Geneva, Switzerland	1998
Member, Special Emphasis Panel PAR 96-060	Acute Infection and Early Disease Research Network (AIEDRN) Development, National Institutes of Health, National Institute of Allergy, and Infectious Diseases, Bethesda, Maryland	1998
Member, International Scientific Committee for Clinical Science	The XIII International Conference on AIDS, Durbin, South Africa	2000

Member Editorial Board	Clinical and Applied Immunology Reviews	2000-2006
Member, Special Emphasis Panel Review Group ZRG1	Center for Scientific Review, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland	2001
Member, Special Review Group for Immunology Support Laboratories	Adult AIDS Clinical Trials Group, National Institutes of Health, Bethesda, Maryland	2003
Member, Special Emphasis Panel Review Group ZRG1	Center for Scientific Review, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland	2003
Consultant	Centers for Disease Control, GAP/PEPFAR HIV Maternal to Child Transmission Program – Guyana	2003-2007
Associate Editor	Immunology Section American Society of Microbiology Procedures Handbook, Second Edition, American Society of Microbiology, Washington, D.C.	2004
Member Special Emphasis Panel 10 U01 (CIPRA Program)	Center for Scientific Review, National Institutes of Health, Department of Health and Human Services, Bethesda, Maryland	2005
Consultant	Becton-Dickson Immunocytometry Systems, San Jose, California	2005-2007
Consultant Medical / Scientific Officer	Department of Essential Health Technologies, World Health Organization, Geneva, Switzerland	2005-2007
Member Special Emphasis Review Panel ZAI1-ML-A-J1	Leadership for HIV/AIDS Clinical Trials Networks: Microbicide	2005
Report Reviewer – National Academies – Institute of Medicine	The Smallpox Vaccination Program – Public Health in an Age of Terrorism, Committee on Smallpox Vaccination Program Implementation, Board on Health Promotion and Disease Prevention, Institute of Medicine of the National Academies, Washington, DC	2005
Consultant	Caribbean Epidemiology Centre – CAREC/PAHO/WHO Port of Spain, Republic of Trinidad and Tobago	2005-2007
Member, Editorial Board	[reappointed Jan 2010 - Dec 2012] Journal of Clinical Microbiology	2005 – present
Program Reviewer	National Research Foundation of South Africa, Pretoria, South Africa	2006
Program Reviewer	The Netherlands Organization for Health Research and Development, Utrecht, The Netherlands	2006

Abstract Reviewer	4th International AIDS Society Meeting on HIV Pathogenesis, Treatment and Infection Sydney, Australia	2007
Abstract Reviewer	5th International AIDS Society Meeting on HIV Pathogenesis, Treatment and Infection Mexico City, Mexico	2008
Abstract Reviewer	5th IAS Conference on HIV Pathogenesis, Treatment and Prevention Cape Town, South Africa	2009
Primary Reviewer	NHLBI PPG Host Defense Against HIV-related Pulmonary Infections 2 P01 HL076100-07 Judd E. Shellito, Louisiana State University Health Sciences Center – N.O.	2009
Member	Society for Clinical and Translational Science	2010 - present
Search Committee Member	Search for Duke University Infectious Diseases Chief	2010-2011
Search Committee Member	Search for Director of the Duke-NUS Program in Emerging Infectious Diseases (EID)	2011
Member, Editorial Board	International Journal of Laboratory Hematology	2011
Editor	4th edition of the Clinical Microbiology Procedures Handbook	2013
Member, Steering Committee	North Carolina Center for Vaccine Innovation	2012 -present
Member, ZAI1-TS-A-S1 Review Committee	National Institute of Allergy and Infectious Diseases, Bethesda, MD	2013
Section Editor	Clinical Microbiology Procedures Handbook 4 <sup>th</sup> edition (CMPH4); Immunology Section	2014-2016
Reviewer	Tuberculosis Quality Assurance (TBQA) Scientific Review Officer for the Mycobacterium Tuberculosis (Mtb) Quality Assessment Program review panel. NIAID Special Emphasis Panel ZAI1 KP-A (C1) Agenda Seq Num 307880/ RFP-NIAID-NIHAI2015048	2016
Chair ZAI1-JBS-A-C1 Peer Review Committee	RFP: NIAID DAIDS NIHA12015050 NIAID HIV (CRSS) Special Emphasis Panel NAID Peer Review Meeting Agenda Seq Num 00314375	2016

## **PUBLICATIONS/ REFEREED JOURNALS**

### *PUBLISHED ARTICLES*

1. 1977 Dimitrov, N. V.; Greenberg, C. S., & Denny, T. N. (1977). Organ distribution of

- corynebacterium parvum labeled with iodine-125. *Journal of the National Cancer Institute*, 58(2), 287-294.
2. 1978 Dimitrov, N. V.; **Denny, T. N.**, & LaVigne, R. (1978). Immune responses during administration of adriamycin and corynebacterium parvum. *Clinical Immunology and Immunopathology*, 9(2), 177-183.
  3. 1979 Dimitrov, N. V.; **Denny, T. N.**; Weisman, M. F., & Cameron, D. G. (1979). Effect of adriamycin and corynebacterium parvum in tumor-bearing mice: Modulation of response to sheep red blood cells. *Journal of the National Cancer Institute*, 63(2), 423-426.
  4. 1979 **Denny, T. N.**; Kinsley, K. M.; Benson, J. W., & Bull, R. W. (1979). An electronic method for counting human T and B cell rosettes. *Vox Sanguinis*, 37, 244-250.
  5. 1982 Koziner, B.; **Denny, T.**; Myskowski, P. L.; Kris, M., & Safai, B. (1982). Opportunistic infections and kaposi's sarcoma in homosexual men: Increased suppressor t-cell activity in male homosexuals with kaposi's sarcoma [Letter to the editor]. *The New England Journal of Medicine*, 306(15), 932-935.
  6. 1982 Wustrow, T. P. U.; **Denny, T. N.**; Fernandes, G., & Good, R. A. (1982). Changes in macrophages and their functions with aging in C57BL/6J, AKR/J, and SJL/J mice. *Cellular Immunology*, 69, 227-234.
  7. 1982 Koziner, B.; Gebhard, D.; **Denny, T. N.**; McKenzie, S.; Clarkson, B. D.; Miller, D. A., & Evans, R.L. (1982). Analysis of t-cell differentiation antigens in acute lymphatic leukemia using monoclonal antibodies. *Blood*, 60(3), 752-757.
  8. 1982 Koziner, B.; Gebhard, D.; **Denny, T. N.**, & Evans, R.L. (1982). Characterization of b-cell type chronic lymphocytic leukemia cells by surface markers and a monoclonal antibody. *The American Journal of Medicine*, 73, 802-807.
  9. 1983 Aabo, K.; Romond, E.; Dimitrov, N. V.; **Denny, T. N.**, & Suhrlund, L. G. (1983). Pancreatic islet cell carcinoma associated with multiple hormone secretion and pancytopenia. Evidence of a serum factor suppressing hematopoiesis. *Cancer*, 51, 1691-1696.
  10. 1984 Mittelman, A.; **Denny, T. N.**; Gebhard, D.; Cirrincione, C.; Kurland, E., & Koziner, B. (1984). Analysis of t-cell subsets in b-cell chronic lymphocytic leukemia: A correlation with the stage of disease. *American Journal of Hematology*, 16, 67-73.
  11. 1985 Wustrow, T. P. U.; **Denny, T. N.**; Fernandes, G., & Good, R. A. (1984). Age-dependent alterations of peritoneal exudate macrophages in autoimmune-prone and autoimmune-resistant mouse strains. *Cellular Immunology*, 83(2), 321-329. Lin, R. Y.; Tanz, W. S., & Denny, T. N. (1985). Suppressor function of T lymphocytes in the acquired immunodeficiency syndrome as assessed by allogeneic mixed lymphocyte culture. *Journal of Clinical & Laboratory Immunology*, 16, 69-73.
  12. 1985 Kaplan, J. E.; Oleske, J. M.; Getchell, J. P.; Kalyanaraman, V. S.; Minnefor, A. B.; Zabala-ablan, M.; Joshi, V.; **Denny, T. N.**; Cabradilla, C. D.; Rogers, M. F.; Sarngadharan, M. G.; Sliski, A.; Gallo, R. C., & Francis, D. P. (1985). Evidence against transmission of human t-lymphotropic virus/lymphadenopathy-associated virus (HTLV-III/LAV) in families of children with the acquired immunodeficiency syndrome. *Pediatric Infectious Disease*, 4(5), 468-471.
  13. 1986 Rapaport, R.; Oleske, J.; Ahdieh, H.; Solomon, S.; Delfaus, C., & **Denny, T. N.** (1986). Suppression of immune function in growth hormone-deficient children during treatment with human growth hormone. *Journal of Pediatrics*, 109(3), 434-439.
  14. 1987 Rapaport, R.; Oleske, J.; Ahdieh, H.; Skuza, K.; Holland, B. K.; Passannante, M.



- R., & **Denny, T. N.** (1987). Effects of human growth hormone on immune functions: In vitro studies on cells of normal and growth hormone-deficient children. *Life Sciences*, *41*(20), 2319-2324.
15. 1987 Joshi, V. V.; Kauffman, S.; Oleske, J. M.; Fikrig, S., **Denny, T. N.**; Gadol, C., & Lee, F. (1987). Polyclonal polymorphic b-cell lymphoproliferative disorder with prominent pulmonary involvement in children with acquired immune deficiency syndrome. *Cancer*, *59*, 1455-1462.
  16. 1987 Bogden, J. D.; Oleske, J. M.; Munves, E. M.; Lavenhar, M. A.; Bruening, K. S.; Kemp, F. W.; Holding, K. J.; **Denny, T. N.**, & Louria, D. B. (1987). Zinc and immunocompetence in the elderly: Baseline data on zinc nutriture and immunity in unsupplemented subjects. *The American Journal of Clinical Nutrition*, *46*, 101-109.
  17. 1988 Bogden, J. D.; Oleske, J. M.; Lavenhar, M. A.; Munves, E. M.; Kemp, F. W.; Bruening, K. S.; Holding, K. J.; **Denny, T. N.**; Guarino, M. A.; Krieger, L. M., & Holland, B. K. (1988). Zinc and immunocompetence in elderly people: Effects of zinc supplementation for 3 months. *The American Journal of Clinical Nutrition*, *48*, 655-663.
  18. 1988 B. P.; Ponzio, N. M.; **Denny, T. N.**; Maher, E., & Walters, T. R. (1988). Restriction of tumor growth in mice by sodium-deficient diet. *Cancer Research*, *48*, 3445-3448. PMID337064
  19. 1988 Kuriyama, S.; **Denny, T. N.**, & Aviv, A. (1988).  $^{22}\text{Na}^+$  and  $^{86}\text{Rb}^+$  transport in vascular smooth muscle of SHR, wistar kyoto, and wistar rats. *Journal of Cardiovascular Pharmacology*, *11*(6), 722-729.
  20. 1988 Troiano, R.; Deveraux, C.; Oleske, J.; **Denny, T. N.**; Hafstein, M.; Zito, G.; Rohowski-Kochan, C.; Dowling, P. C., & Cook, S. D. (1988). T cell subsets and disease progression after total lymphoid irradiation in chronic progressive multiple sclerosis. *Journal of Neurology, Neurosurgery, and Psychiatry*, *51*, 980-983.
  21. 1989 Lombardo, J. M.; Horsburgh, C. R.; **Denny, T. N.**; Michaels, J.; Schable, C.; Meyenhofer, M. F.; Shriver, K.; Sharer, L. R.; Ou, C. Y.; Rayfield, M. A.; Kloser, P. C.; Oleske, J. M.; Schochetman, G., & Weiss, S. H. (1989). Evaluation of an atypical HIV Type 1 antibody. Serologic pattern leading to detection of HIV type 2 infection in North America. *Archives of Pathology & Laboratory Medicine*, *113*, 1245-1249.
  22. 1989 Fitzgerald-Bocarsly, P.; Feldman, M.; Curl, S.; Schnell, J., & **Denny, T. N.** (1989). Positively selected leu-11a (CD16+) cells require the presence of accessory cells or factors for the lysis of herpes simplex virus-infected fibroblasts but not herpes simplex virus-infected raji. *The Journal of Immunology*, *143*(4), 1318-1326.
  23. 1989 Mintz, M.; Rappaport, R.; Oleske, J. M.; Connor, E. M.; Koenigsberger, M. R.; **Denny, T. N.**, & Epstein, L. G. (1989). Elevated serum levels of tumor necrosis factor are associated with progressive encephalopathy in children with acquired immunodeficiency syndrome. *American Journal of Diseases of Children*, *143*, 771-774.
  24. 1989 Kloser, P. C.; Mangia, A. J.; Leonard, J.; Lombardo, J. M.; Michaels, J.; **Denny, T. N.**; Sharer, L.; Sathe, S.; Weiss, S. H.; Schable, C.; Horsburgh, Jr., C. R.; Oleske, J., & Kapila, R. (1989). HIV-2-associated AIDS in the United States. The first case. *Archives of Internal Medicine*, *149*, 1875-1877.
  25. 1990 Rohowsky-Kochan, C.; Eiman, D.; Troiano, R.; Bansil, S.; Oleske, J.; **Denny, T. N.**, & Cook, S. D. (1990). Decreased suppressor-inducer T lymphocytes in multiple sclerosis and other neurological diseases. *Journal of Neuroimmunology*, *28*, 161-166.
  26. 1990 Bogden, J. D.; Oleske, J. M.; Lavenhar, M. A.; Munves, E. M.; Kemp, F. W.;

- Bruening, K. S.; Holding, K. J.; **Denny, T. N.**; Guarino, M. A., & Holland, B. K. (1990). Effects of one year of supplementation with zinc and other micronutrients on cellular immunity in the elderly. *Journal of the American College of Nutrition*, 9(3), 214-225.
27. 1991 Connor, E.; Bagarazzi, M.; McSherry, G.; Holland, B.; Boland, M.; **Denny, T.**, & Oleske, J. (1991). Clinical and laboratory correlates of pneumocystis carini pneumonia in children infected with HIV. *The Journal of the American Medical Association*, 265(13), 1693-1697.
28. 1992 **Denny, T. N.**; Yogev, R.; Gelman, R.; Skuza, C.; Oleske, J.; Chadwick, E.; Cheng, S. C., & Connor, E. (1992). Lymphocyte subsets in healthy children during the first 5 years of life. *The Journal of the American Medical Association*, 267(11), 1484-1488. Article was cited in Synopsis Book: Best Articles relevant to Pediatric Allergy and Immunology, (1993), *Pediatrics*, 92(2 pt 2). PMID1347086
29. 1992 Palumbo, P. E.; Weiss, S. H.; McCreedy, B. J.; Alexander, S. S.; **Denny, T. N.**; Klein, C. W., & Altman, R. (1992). Evaluation of human T cell lymphotropic virus infection in a cohort of injecting drug users. *The Journal of Infectious Diseases*, 166, 896-899.
30. 1992 Louria, D. B.; **Denny, T.**; Palumbo, P.; Rios, M., & Bianco, C. (1992). An unusual case of false-positive serology for the human immunodeficiency virus: Report from the heterosexual HIV transmission study. *Clinical Infectious Diseases*, 15, 707-709.
31. 1992 Weiss, S. H.; Klein, C. W.; Mayur, R. K.; Besra, J., & **Denny, T. N.** (1992). Idiopathic CD4+ t-lymphocytopenia [Letter to the editor]. *The Lancet*, 340, 607-609.
32. 1993 Connor, E.; Wang, Z.; Stephens, R.; Holland, B.; Palumbo, P.; McSherry, G.; Oleske, J., & **Denny, T. N.** (1993). Enzyme immunoassay for detection of human immunodeficiency virus-specific immunoglobulin A antibodies. *Journal of Clinical Microbiology*, 31(3), 681-684.
33. 1993 Calvelli, T.; **Denny, T. N.**; Paxton, H.; Gelman, R., & Kagan, J. (1993). Guideline for flow cytometric immunophenotyping: A report from the national institute of allergy and infectious diseases, division of AIDS. *Cytometry*, 14, 702-715. PMID8243200
34. 1994 Rameshwar, P.; **Denny, T. N.**; Stein, D., & Gascon, P. (1994). Monocyte adhesion in patients with bone marrow fibrosis is required for the production of fibrogenic cytokines. Potential role for interleukin-1 and TGF- $\beta$ . *The Journal of Immunology*, 153, 2819-2830.
35. 1994 Bogden, J. D.; Bendich, A.; Kemp, F. W.; Bruening, K. S.; Skurnick, J. H.; **Denny, T. N.**; Baker, H., & Louria, D. B. (1994). Daily micronutrient supplements enhance delayed-hypersensitivity skin test responses in older people. *The American Journal of Clinical Nutrition*, 60, 437-447.
36. 1994 Rohowsky-Kochan, C.; Eiman, D.; **Denny, T. N.**; Oleske, J., & Cook, S. D. (1994). Induction of autologous mixed lymphocyte culture responses by myelin basic protein-reactive T cell clones. *Journal of Neuroimmunology*, 50, 59-70.
37. 1995 Mintz, M.; Boland, M.; O'Hara, M. J.; Barros, J.; Hansen, C.; **Denny, T. N.**; Scolpino, A.; Maha-Elkins, M.; Sandzhieva, D.; Esenova, V.; du Boisrouvray, A., & Oleske, J. (1995). Pediatric HIV infection in Elista, Russia: Interventional strategies. *American Journal of Public Health*, 85(4), 586-588.
38. 1995 **Denny, T. N.**; Jensen, B. D.; Gavin, E. I.; Louzao, A. G.; Vella, F. A.; Oleske, J. M., & Wong, W. (1995). Determination of CD4 and CD8 lymphocyte subsets by a new alternative fluorescence immunoassay. *Clinical and Diagnostic Laboratory*

*Immunology*, 2(3), 330-336. PMID7664180

39. 1995 Bardeguet, A. D.; **Denny, T. N.**; Palumbo, P.; Wesley, Y.; Oleske, J.; Connor, E., & Weiss, G. (1995). Human immunodeficiency virus type 1 counseling and testing Program in the prenatal setting. *Infectious Diseases in Obstetrics and Gynecology*, 3, 229-235.
40. 1995 **Denny, T. N.**; Scolpino, A.; Garcia, A.; Polyak, A.; Weiss, S. N.; Skurnick, J. H.; Passannante, M. R., & Colon, J. (1995). Evaluation of t-lymphocyte subsets present in semen and peripheral blood of healthy donors: A report from the heterosexual transmission study. *Cytometry*, 20, 349-355.
41. 1996 **Denny, T. N.**; Skurnick, J. H.; Garcia, A.; Perez, G.; Passannante, M. R.; Colon, J.; Sheffet, A.; Weiss, S. H., & Louria, D. (1996). Lymphocyte immunoregulatory cells present in semen from human immunodeficiency virus (HIV)-infected individuals: A report from the HIV heterosexual transmission study. *Cytometry (Communication in Clinical Cytometry)*, 26, 47-51.
42. 1996 Rameshwar, P.; **Denny, T. N.**, & Gascon, P. (1996). Enhanced HIV-1 activity in bone marrow can lead to myelopoietic suppression partially contributed by gag p24. *The Journal of Immunology*, 157, 4244-4250.
43. 1996 **Denny, T. N.**; Stein, D.; Mui, T.; Scolpino, A., & Holland, B. (1996). Quantitative determination of surface antibody binding capacities of immune subsets present in peripheral blood of healthy adult donors. *Cytometry (Communications in Clinical Cytometry)*, 26, 265-274.
44. 1996 Rixen, D.; Livingston, D. H.; Loder, P., & **Denny, T. N.** (1996). Ranitidine improves lymphocyte function after severe head injury: Results of a randomized, double-blind study. *Critical Care Medicine*, 24(11), 1787- 1792.
45. 1996 Heredia, A.; Soriano, H. A.; Weiss, S. H.; Bravo, R.; Vallejo, A.; **Denny, T. N.**; Epstein, J. S., & Hewlett, I. K. (1996). Development of a multiplex PCR assay for the simultaneous detection and discrimination of HIV-1, HIV-2, HTLV-I and HTLV-II. *Clinical and Diagnostic Virology*, 7, 85-92.
46. 1997 Nicholson, J. K. A.; Stein, D.; Mui T.; Mack, R.; Hubbard, M., & **Denny, T. N.** (1997). Evaluation of a method for Counting absolute numbers of cells with a flow cytometer. *Clinical and Diagnostic Laboratory Immunology*, 4(3), 309-313. PMID9144369
47. 1997 Bardeguet, A. D.; Skurnick, J. H.; Perez, G.; Colon, J. M.; Kloser, P., & **Denny, T.N.** (1997). Lymphocyte shedding from genital tract of human immunodeficiency virus-infected women: Immunophenotypic and clinical correlates. *American Journal of Obstetrics & Gynecology*, 176(1), 158-165.
48. 1997 Rohowsky-Kochan, C.; Molinaro, D.; Devereux, C.; Troaino, R.; Bansil, S.; Zito, G.; Wolansky, L.; Jotkowitz, A.; **Denny, T.**; Oleske, J.; Dowling, P., & Cook, S.D. (1997). The effect of total lymphoid irradiation and low-dose steroids on T lymphocyte populations in multiple sclerosis: Correlation with clinical and MRI status. *Journal of the Neurological Sciences*, 152, 182-192.
49. 1997 Xin, Z.; Jiang, X.; Wang, H. Y.; **Denny, T. N.**; Dittel, B. N., & Ganea, D. (1997). Effect of vasoactive intestinal peptide (VIP) on cytokine production and expression of VIP receptors in thymocyte subsets. *Regulatory Peptides*, 72, 41-54.
50. 1998 Wang, Q.; Maloof, P.; Wang, H.; Fenig, E.; Stein, D.; Nichols, G.; **Denny, T. N.**; Yahalom, J., & Wieder, R. (1998). Basic fibroblast growth factor downregulates Bcl-2 and promotes apoptosis in MCF-7 human breast cancer cells. *Experimental Cell Research*, 238, 177-187.
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## OTHER / ARTICLES IN PREPARATION/ SUBMITTED FOR PUBLICATION:

2017

## NON-REFEREED PUBLICATIONS

N/A

## CHAPTERS IN BOOKS/ BOOKS

### Published Books / Chapters

1. 1993 Shearer, W.T., Rosenblatt, H.M., Schluchter, M.D., Mofenson, L.M., **Denny, T.N.**: The NICHD IVIG Clinical Trial Group and the NHLBI P2C2 Pediatric Pulmonary and Cardiac Complications of HIV Infection Study Group. Pediatric AIDS: Clinical Pathologic and Basic Science Perspectives. Volume 693 of the Annals of the New York Academy of Sciences, 35-51, 1993.
2. 2001 **Denny, T.N.**: Cytokines: A Common Signaling System for Cell Growth, Inflammation, Immunity and Differentiation. In Design Principles for the Immune System and Other Distributed Autonomous Systems. Edited by Lee Segal and Irun Cohen, Oxford University Press, Oxford, United Kingdom, 2001.
3. 2007 Barnett D and **Denny T.N.**: Lymphocyte Immunophenotyping in human Immunodeficiency Virus Infection: for Richer, For Poorer in Flow Cytometry in Clinical Diagnosis, 4th Edition. Edited by JL Carey, III, JP McCoy, Jr and DF Karen, American Society for Clinical Pathology Press, 2007.
4. 2010 **Thomas N. Denny**, Raul Louzao, John Wong, Brooke Walker: Flow Cytometry in Drug Discovery and Development, Chapter 8, *CD4 T Cell Assessments in Evaluation of HIV Therapeutics*, pp 169-188, Edited by Virginia Litwin, Philip Marder, Published by John Wiley & Sons, Inc., Hoboken, New Jersey, 2010

## REPORTS

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2. 1992 Centers for Disease Control Guidelines for the Performance of CD4+ T-cell Determination in Persons with Human Immunodeficiency Virus Infection. MMWR, (1992),41 (No.RR-8): (Inclusive page numbers).
3. 2005 Healers Abroad, Americans Responding to the Human Resource Crisis in HIV/AIDS: Committee on the Options for Overseas Placement of U.S. Health Professionals, Board on Global Health, Institute of Medicine of the National Academies, Washington, DC ([www.nap.edu](http://www.nap.edu)), 2005
4. 2005 Plan for Short-term Evaluation of President's Emergency Plan for AIDS Relief (PEPFAR), Committee for the Evaluation of PEPFAR Implementation, Board on Global Health/Board on Children, Youth and Families, Institute of Medicine of the National Academies, Washington, DC ([www.nap.edu](http://www.nap.edu)), 2005
5. 2007 PEPFAR Implementation – Progress and Promise, Committee for the Evaluation of PEPFAR Implementation, Board on Global Health/Board on Children, Youth and Families, Institute of Medicine of the National Academies, Washington, DC ([www.nap.edu](http://www.nap.edu)), 2007.

## NATIONAL/INTERNATIONAL INVITED LECTURES

1. 1990 Fifth Annual Meeting Clinical Applications of Cytometry, National Institute of Allergy and Infectious Diseases HIV Workshop, Charleston, South Carolina
2. 1991 Second Annual Flow Cytometry Consensus Meeting, The Bureau of HIV/AIDS Laboratory and Research, Laboratory Centre for Disease Control, Canadian Health Protection Branch, Aylmer, Quebec
3. 1991 Sixth Annual Meeting Clinical Applications of Cytometry, National Institute of Allergy and Infectious Diseases HIV Workshop, Charleston, South Carolina, 1991
4. 1992 Third Annual Flow Cytometry Consensus Meeting, The Bureau of HIV/AIDS Laboratory and Research, Laboratory Center for Disease Control, Canadian Health Protection Branch, Aylmer, Quebec
5. 1992 NIH/CDC Conference on Measurement and Use of CD4+ and Other Lymphocyte Immunophenotypic Markers in Pediatric HIV Infection, Chairman, Session on Age and Disease Related Changes in CD4+ Counts, Washington, DC, (session chair)
6. 1993 Fourth Annual Flow Cytometry Consensus Meeting, The Bureau of HIV/AIDS Laboratory and Research, Laboratory Centre for Disease Control, Canadian Health Protection Branch, Aylmer, Quebec
7. 1993 Eighth Annual Meeting Clinical Applications of Cytometry, National Institute of Allergy and Infectious Diseases HIV Workshop, Charleston, South Carolina
8. 1993 The Lymphocyte in Pediatric Populations, First Annual John P. Johnson Lecture/Symposium, Department of Pediatrics, School of Medicine, University of Maryland at Baltimore, Maryland
9. 1994 Dako Corporation, Immunobiology Division, Carpinteria, California
10. 1995 Sixth Annual Flow Cytometry Consensus Meeting, The Bureau of HIV/AIDS Laboratory and Research, Laboratory Center for Disease Control, Canadian Health Protection Branch, Aylmer, Quebec
11. 1995 The Second National Conference on CD4+ T-Lymphocyte Immunophenotyping, Centers for Disease Control and Prevention, U.S. Department of Health and Human Services, Atlanta, Georgia, (session chair)
12. 1995 The AIDS Epidemic - New Jersey and Beyond, New Jersey Public Health Association and New Jersey Department of Health, Long Branch, New Jersey
13. 1996 Seventh Canadian Flow Cytometry Consensus Meeting, The Bureau of HIV/AIDS Laboratory and Research, Laboratory Center for Disease Control, Canadian Health Protection Branch, Aylmer, Quebec
14. 1996 Flow Cytometry Users' Meeting, Becton Dickinson, Philadelphia, Pennsylvania
15. 1996 The XI International Conference on AIDS, Vancouver, British Columbia
16. 1997 Dako Corporation, Immunobiology Division, Carpinteria, California
17. 1998 Specialist Lecturer, Faculty of Sciences and Health, Department of Life Sciences, University of East London, London, United Kingdom.
18. 2004 National Institute of Dental and Craniofacial Research, Infectious Diseases - AIDS: Methods for Enhancing Efficiency of Dental/Oral Health Clinical Trials; Current Status and Future Possibilities.
19. 2005 Clinical Applications of Cytometry Society - Global HIV: Access to Care or Treatment and the Laboratory Challenge
20. 2005 Workshop on CD4+ T cell enumeration and basic laboratory tests in care and treatment of HIV/AIDS; Caribbean Epidemiology Centre, Port of Spain, Trinidad, and Tobago.



21. 2005 Forum for Collaborative HIV Research – Conference on Retroviruses and Opportunistic Infections; Transfer of HIV Monitoring Technologies into Resource-Poor Settings: Moving the Field Forward: Pediatric HIV Monitoring
22. 2009 AIDS Seminar at Dartmouth, Lebanon, NH, HIV Vaccine initiatives in the US and Abroad
23. 2013 Speaker, UK NEQAS for Leucocyte Immunophenotyping, New Technologies and POC testing, Manchester, UK
24. 2014 Chair, NIAID Special Emphasis Panel, ZAI1-RB-A-C1, to review contract proposals submitted in response to RFP-NIAID-DAIDS-NIHAI2014002, "Clinical Pharmacology Quality Assurance (CPQA)", September 4, 2014, closed meeting teleconference.

### PUBLISHED ABSTRACTS

1. 1976 Dimitrov, N.V., Greenberg, C., **Denny, T.N.**: "Distribution of 1125 labeled *Corynebacterium parvum* in Normal and Tumor Bearing Mice". Proceeding of the American Association for Cancer Research, May 1976.
2. 1977 Swisher, S.N., Dimitrov, N.V., **Denny, T.N.**: "Erythrocyte Autoantibodies Induced in Mice by Experimental Tumors and *Corynebacterium* Vaccine. *Blood*", V50: Supplement, 1977.
3. 1977 Dimitrov, N.V., Eastland, G., **Denny, T.N.**, Fechner, L: "The Antitumor effect of rhodium formate in B16 Melanoma and Lewis Lung Tumor Bearing Mice". Proceedings of the 10th International Congress of Chemotherapy, 1977.
4. 1977 Dimitrov, N.V., **Denny, T.N.**: "Immune Responses During Administration of Adriamycin and *Corynebacterium parvum*". Proceedings of the American Association of Cancer Research, V20, 1977.
5. 1978 Dimitrov, N.V., Soeliner, S., Barry, R., **Denny, T.N.**, Balcueva, E.P., Fechner, L., Wofford, R: "Inhibition of Tumor Growth and Enhancement of the Immune Responses by *Listeria Monocytogenes*. Proceedings of the American Association for Cancer Research, V19, 1978.
6. 1978 **Denny, T.N.**, Kinsley, K., Bull, R., Benson, J.W., Weisman, M: "An Electronic Method for Counting Human T-cell and Rosettes". *Experimental Hematology* 6, Supplement 3, 1978.
7. 1978 **Denny, T.N.**, Kinsley, K., Bull, R., Benson, J.W., Weisman, M: "An Electronic Method for Counting Human T-cell and B-cell Rosettes". *International Society for Experimental Hematology*, Chicago, Illinois, 1978.
8. 1978 **Denny, T.N.**, Kinsley, K., Bull, R., Benson, J.W., Weisman, M: "An Electronic Method for Counting Human T-cell and Rosettes". *Experimental Hematology* 6, Supplement 3, 1978.
9. 1979 **Denny, T.N.**, Dimitrov, N.V., Jaehn, N.R: "Serum and Intracellular Lysozyme Levels in Cancer Patients". *Clinical Research* 27:2, 1979.
10. 1979 Aabo, K., **Denny, T.N.**, Dimitrov, N.V., Field, M, Suhrlund, L.G: "Tumor Muramidase as a Possible Tumor Marker". *American Society of Clinical Oncology* Vol.20, 1979.
11. 1979 Swisher, S.N., Dimitrov, N.V., **Denny, T.N.**, Doolin, K.A., Suhrlund, L.G: "Induction of Erythrocyte Antibodies by Experimental Tumors and *C. parvum*". Proceedings American Association for Cancer Research, Vol 20, 1979.
12. 1981 Wustrow, T.P.U., **Denny, T.N.**, Fernandez, G., Good, R.A: "Chemotaxis and Phagocytosis of Thioglycolate Activated Macrophages in Young and Old

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## **EDITORIALS, POSITION, AND BACKGROUND PAPERS**

### **CONSULTANT APPOINTMENTS**

#### ***Professional Awards and Special Recognitions***

- 1986 Presidential Performance Award UMD-New Jersey Medical School
- 2000 Research Recognition Award, UMD –New Jersey Medical School
- 2005 Fellow, College of Physicians of Philadelphia  
(college induction December 7, 2005)

#### ***Patent Awards***

- 1998 United States Patent # 5,834,015 (issued November 10, 1998) Protein-lipid vesicles and autogenous vaccine comprising the same

## **ORGANIZATIONS AND PARTICIPATION**

### ***Hospital Appointments***

- 1991 – 1997 Director, Immune Laboratory Services Center for Allergy and Immune Disorders and Infectious Diseases at Children’s Hospital of New Jersey

### ***Administrative Positions***

- 1985 – 1995 Senior Administrative and Fiscal Officer, Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics, UMD-New Jersey Medical School

### ***Board Appointments***

- 1999 – 2006 Chairman, Finance Committee, Board of Directors  
Children of Chernobyl Relief Fund, Short Hills, New Jersey
- 1997 – 2012 Member, Board of Directors  
Children of Chernobyl Relief Fund, Whippany, New Jersey
- 1977 – 1979 Member, Medical Advisory Board, Department of Health

Capital Area Career Center, Mason, Michigan

- 2005 – 2008 Co-Chairman, Pediatric HIV Diagnosis Working Group, The Forum for Collaborative HIV Research, George Washington University Medical Center
- 2005 – 2006 Member, Institutional Planning Committee, UMD – New Jersey Medical School, Newark, New Jersey

**Committee Assignments**

- 1986 – 2006 Member, Executive Committee, Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics, UMD-New Jersey Medical School
- 1987 – 1988 Member, UMDNJ-University Hospital Liver Transplant Task Force – Subcommittee on Equipment and Non-Physician Staffing
- 1987 – 1988 Member, UMDNJ-University Hospital Liver Transplant Task Force – Subcommittee on Equipment and Non-Physician Staffing
- 1987 – 1997 Member, Immunology Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Group
- 1987 – 1997 Member, Virology Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trails Group
- 1988 – 1990 Chairman, Laboratory Committee, National Institute of Allergy and Infectious Diseases; Multicenter Heterosexual AIDS Transmission Program
- 1988 – 1990 Chairman, Laboratory Committee, National Institute of Allergy and Infectious Diseases; Multicenter Heterosexual AIDS Transmission Program
- 1989-1992 Member, Virology Technical Subcommittee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Groups
- 1990-1993 Chairman, Research Flow Cytometry Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Group
- 1990 – 1996 Member, Executive Committee, NJ Heterosexual AIDS Transmission Program
- 1991 – 1995 Member, Corporate Support Committee, International Society for Analytical Cytology
- 1991 – 1996 Member, Flow Cytometry Advisory Committee, National Institute of Allergy and Infectious Diseases
- 1991 – 1996 Member, Immunology Core Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Group
- 1991– 2001 Member, Executive Committee, NJ Medical School AIDS Clinical Trial Unit
- 1992–1996 Co-Chairman, Laboratory Committee, Centers for Disease Control Perinatal AIDS Collaborative Transmission Studies
- 1992–1996 Chairman, Immunology Quality Control Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Group
- 1992 – 2006 Chairman, Research Steering and Advisory Committee, Division of Allergy, Immunology and Infectious Diseases, Department of Pediatrics, UMD-New Jersey Medical School
- 1993 – 1996 Chairman, Cytometry Advisory Committee, New Technology Working Group; National Institute of Allergy and Infectious Diseases
- 1993 – 1995 Member, Public Affairs Committee, Clinical Cytometry Society
- 1993 – 1997 Member, Cellular Immunity Committee, National Institute of Allergy and Infectious Diseases; AIDS Clinical Trials Group
- 1993 – 1997 Member, Pediatric Immunology Committee, National Institute of Allergy and Infectious Diseases: AIDS Clinical Trials Group

- 1994 – 1996 Member, New Jersey School Boards Association
- 1994 – 1997 Chairman, Building Grounds and Maintenance Committee, Cranford Board of Education, Township of Cranford, New Jersey
- 1994 – 1997 Member, Technology Committee, Cranford Board of Education, Township of Cranford, New Jersey
- 2002 – 2004 Consultant, Scientific Advisory Group, HSV Vaccine Efficacy Group, National Institute of Allergy and Infectious Diseases
- 2002 – 2005 Member, External Advisory Board, Pre-Clinical Microbicide Assay Quality Assurance Program, National Institute of Child Health and Disease
- 2004 Consultant, World Health Organization , WHO Consultation on Technical and Operational Recommendations for Scale-UP of Laboratory Services for Initiation and Monitoring Anti-Retroviral Therapy (ART) in Resource-Limited Settings
- 2004 – 2008 Consultant, Committee on the Assessment of Programs and Methods Implemented Under the HIV/AIDS, Tuberculosis, and Malaria Act of 2003 (PEPFAR) Global Board on Health, Institute of Medicine of the National Academies
- 2004 – 2006 Consultant, Committee on the Options for Overseas Placement of U.S. Health Professionals, Global Health Board, Institute of Medicine of the National Academies
- 2005 Consultant, World Health Organization, WHO Consultation on Specifications and Validation of HIV/AIDS Diagnostics Technologies

**PUBLIC SERVICE AND GOVERNMENT ACTIVITIES**

- 1994 – 1997 Member, Legislative Affairs Committee, Cranford Board of Education. Township of Cranford, New Jersey
- 1994 – 1997 Publicly Elected Member, Cranford Board of Education, Township of Cranford, New Jersey, three-year term
- 1994 – 1997 Member, Finance Committee, Cranford Board of Education, Township of Cranford, New Jersey
- 1994 – 1995 Alternate Delegate, Union County Educational Services Commission Representative Assembly
- 1994 – 1996 Member, Board of Directors, Union County Educational Services Commission
- 1994 – 1996 Delegate, Union County Educational Services Commission Representative Assembly
- 1995 – 1996 Vice President, Cranford Board of Education, Township of Cranford, New Jersey
- 1996 Secretary, Planning Board, Township of Cranford, Cranford, New Jersey
- 1996 – 1997 Member, Long Range Planning Committee, Cranford Board Education, Township of Cranford, New Jersey
- 1996 – 2002 Member, Cranford Historic Preservation Advisory Board
- 1996 – 2002 Member, Planning Board, Township of Cranford, Cranford, New Jersey
- 1997 – 1998 Chairman, Citizen Budget Planning and Advisory Committee, Township of Cranford, Cranford, New Jersey
- 1997 – 1998 Commissioner, Department of Engineering and Public Works, Township of Cranford, Cranford, New Jersey
- 1997 – 1999 Member, Solid Waste Advisory Council of Union County, New Jersey
- 1997 – 2002 Member, Board of Health, Township of Cranford, Cranford, New Jersey

- 1997 - 2002 Publicly Elected Member, Cranford Township Governing Body, Township of Cranford, Cranford, New Jersey, first three-year term 1/1997 - 12/1999; re-elected 11/1999 – second three-year term 1/2000 -12/2002
- 1997– 2002 Member, Emergency Management Council, Township of Cranford, Cranford, New Jersey
- 1999 Member, Union County Community Development Revenue Sharing Committee, Department of Economic Development, County of Union, New Jersey
- 1999 Mayor, Township of Cranford, Cranford, New Jersey
- 1999 President, Cranford Board of Health, Township of Cranford, Cranford, New Jersey
- 1999 – 2006 Member, New Jersey Conference of Mayors
- 2000; 2002 Commissioner, Public Safety Departments, Township of Cranford, Cranford, New Jersey
- 2000 – 2006 Member, New Jersey Community Mental Health Citizens' Advisory Board and Adult Mental Health Planning Council, State of New Jersey, Trenton, New Jersey
- 2001 Commissioner, Public Affairs, Township of Cranford, Cranford, New Jersey
- 2001 – 2006 Chairman, New Jersey Community Mental Health Citizens' Advisory Board and Adult Mental Health Planning Council, State of New Jersey, Trenton, New Jersey
- 1990 – 2010 American Academy of Medical Administrators

**ASSOCIATIONS**

- 1980 –Present New York Academy of Science
- 1986 –Present Society for Analytical Cytology
- 1987 – 2001 Clinical Laboratory Management Association
- 1987 –Present American Society for Microbiology
- 1987 –Present Sigma Xi Scientific Research Society
- 1991 - Present Association of Medical Laboratory Immunologists
- 1992 – Present Clinical Immunology Society
- 1992 – Present Great Lakes International Flow Cytometry Association - Charter Member
- 1993 – Present Clinical Cytometry Society
- 1995 – Present New Jersey Public Health Association
- 1996 – Present American Association of Immunologists
- 1996 – Present American Society of Tropical Medicine and Hygiene
- 2001 – Present European Federation of Biotechnology
- 2002 – 2006 American Political Science Association
- 2002 – Present American Public Health Association
- 2003 Kennedy Institute of Ethics - Georgetown University
- 2006 –Present National Council of University Research Administrators, 1990 – 2004
- 2006 - Present Society of Research Administrators, 1990 – 2001
- 2007 – Present American College of Health Care Executives
- 2010 Clinical and Laboratory Standards Institute

**TEACHING RESPONSIBILITIES INCLUDING CONTINUING EDUCATION**

- 1975 – 1979 Michigan State University, Department of Medicine, Division of Hematology and

	Oncology East Lansing, Michigan
1979 – 1983	Memorial Sloan Kettering Cancer Center New York, New York
1983 – 2006	UMD-New Jersey Medical School, Department Pathology, Laboratory Medicine and Pediatrics, Newark, New Jersey

**AREAS OF RESEARCH INTERESTS LIST**

Emerging / Re-Emerging Diseases  
 Host Defense Immune Responses (pathogens, tumors)  
 Vaccine Development / Safety / Regulation  
 Clinical Trials Regulation / Human Subject Protection  
 Clinical trials (vaccines, immune modulators, antiviral agents)  
 Bioterrorism / Biodefense  
 Health Policy  
 Global HIV/AIDS

**PARTICIPATION IN ACADEMIC AND ADMINISTRATIVE ACTIVITIES OF THE UNIVERSITY AND MEDICAL CENTER**

2006 - present	Duke Division of Medicine – Division Chiefs – Member
2006 - present	Duke Division of Medicine – Executive Board –Member
2006 - present	Duke Center for AIDS Research - Member
2006 - present	Duke Human Vaccine Institute – Chief Operating Officer
2006 - 2010	Duke University Medical Center, Department of Medicine – Associate Professor
2008	Duke ID Search Committee for Infectious Disease Division Chief – Member
2009 -2013	Duke Global Health Institute – Member
2011	Duke-Singapore Search Committee member for Director of Emerging Pathogens
2013 - present	Duke Global Health Institute – Secondary Faculty Appointment

**EXTERNAL SUPPORT - GIFTS, GRANTS, AND CONTRACTS:**

	<b>PI</b>	<b>% Effort</b>	<b>Purpose</b>	<b>Amount</b>	<b>Approx. Duration</b>
<b>Past:</b>	Thomas N. Denny, P.I.	3%	Pharmaceutical Product Development / National Institute of Health Peripheral Blood Mononuclear Cell (PBMC) Quality Assurance Program	\$4,532,639	2007 - 2010
CD4	BD Biosciences	1%	BD Biosciences to conduct a clinical study relating to the Clinical Trail for the BD FACSCount CD4	\$12,670	2007-2008
NIH	Thomas N. Denny, P.I.	18%	UMD-NJ Medical School Immunology Quality Assessment Program. Project goals: conduct proficiency testing to assess sites' ability to reliably perform immunological assays; support comparative evaluations of cytometric instruments, methods/reagents; facilitate development, standardization and characterization of new immunological assays for use in multi-center investigations.	\$594,801	2006 - 2007
AIDS	Thomas N. Denny, P.I.		National Institute of Health - Fogarty International Center AIDS Fogarty Research International Collaborative Award for Burkina Faso	\$120,000	2004 – 2007
AIDS	Thomas N. Denny, P.I.		National Institute of Health NIAID Division of AIDS Immunology Quality Assessment Program	\$6,169,325	1998 – 2007
Sepsis	Zolton Spolarics, P.I.		National Institute of Health, “G6PD Deficiency and Sepsis”	\$1,250,000	2001 – 2005
Bioterrorism	Thomas N. Denny, P.I.		National Institute of Health Bioterrorism, “Rapid Response Grant Program on Bioterrorism-Related Research”	\$466,500	2002 – 2004
Small-pox	Thomas N. Denny, P.I.		UMDNJ Foundation, “UMDNJ Extended Community Health Assessment of Immunity to Smallpox”	\$50,000	2001 – 2002
HIV	Thomas N. Denny, P.I.		Bristol-Meyers Squibb, “Immunology Substudy - Novel HIV-1 Protease Inhibitor, BMS #232632 Alone and in Combination Regimen(s) as Compared to a Reference Combination Regimen (s) in Antiretroviral-Experienced HIV-Infected subjects”	\$55,000	2000 – 2001
HIV	Thomas N. Denny, P.I.		Bristol-Meyers Squibb, “Immunology Substudy - Novel HIV-1 Protease Inhibitor, BMS #232632 Alone and Combination with D4T and 3TC as Compared to a Reference Combination Regimen”	\$78,000	2000 – 2001
Cell Sorter	Thomas N. Denny, P.I.		National Institute of Health Division of Research Resources, “Shared Instrument Cell Sorter Grant”	\$355,000	2000 – 2001
Breast Cancer	Pranella Rameshwar, P.I.		National Institute of Health, “Breast Cancer Bone Marrow Stromal Interactions”	\$237,286	2000 – 2001

**EXTERNAL SUPPORT - GIFTS, GRANTS, AND CONTRACTS:**

	PI	% Effort	Purpose	Amount	Approx. Duration
<b>Past</b> (cont.)					
HIV	Thomas N. Denny, P.I.		AIDS Malignancy Consortium, National Cancer Institute, "Lymphocyte Characterization/ Function Studies to Accompany AMC Protocol 008 (Treatment of HIV Associated Non-Hodgkins Lymphoma with IL-2 or IL-12)"	\$60,000	1998-2000
HIV-1	Thomas N. Denny, P.I.		Bristol-Meyers Squibb Immunology Substudy - Novel HIV-1 Protease Inhibitor, BMS #232632 Alone and in Combination with D4T as Compared to a Reference Combination Regimen	\$68,000	1999 – 2000
Cell Sorter	Thomas N. Denny, P.I.		National Institute of Health, Division of Research Resources Shared Instrument Cell Sorter Grant	\$155,000	1998 – 1999
Glucose 6	Zoltan Spolarics, MD, PhD, P.I.		UMD-New Jersey Medical School, National Institute of Health, Department of Anatomy, Cell Biology, Injury, " Glucose-6- phosphate Dehydrogenase deficiency and sepsis".	\$1,196,243	1997-2000
HIV	James M. Oleske, P.I.		Center for Disease Control, Atlanta, Georgia, "Study of Transmission of Human T-Lymphotropic Virus III from Infected Mothers to their Infants: A Natural History Study of Pediatric HIV Infection", UMD-New Jersey Medical School, total support, 1986 – 1991 (program renewed 1991 – 1996 and 1996 – 1998)	\$2,500,000	1986 - 1998
AIDS	Edward Connor, M.D., P.I.		National Institutes of Health, "AIDS Clinical Studies Group", UMD-New Jersey Medical School, total support, 1987 – 1992 (program renewed 1993 – 1998)	\$6,247,174	1987-1998
HIV	Thomas N. Denny, P.I.		National Institute of Health Immune Responses to a Cochleate HIV Subunit Vaccine in a Maternal/Fetal Baboon Model	\$256,849	1997 – 1998
HIV	Paul E. Palumbo, MD, P.I.		National Institute of Health, UMD-New Jersey Medical School, Department of Pediciatrics, "Viral and Immune Elements in Early Pediatric HIV Infection"	\$1,356,818	1995 - 2000
AIDS	Donald Louria, M.D., P.I.		National Institutes of Health, "Heterosexual AIDS Transmission Study", UMD-New Jersey Medical School	\$13,200,000	1988 – 1993

**EXTERNAL SUPPORT – GIFTS, GRANTS, AND CONTRACTS:**

	<b>PI</b>	<b>% Effort</b>	<b>Purpose</b>	<b>Amount</b>	<b>Approx Duration</b>
<b>Past</b> (cont.)					
HIV	Edward M. Connor, M.D., P.I.		Walter Reed Army Institute of Research, United States Army and National Institute of Allergy and Infectious Diseases, "Maternal Factors Influencing Perinatal Transmission of HIV Infection", UMD-New Jersey Medical School	\$2,744,424	1988-1993
HIV	Thomas N. Denny, P.I.		New Jersey State Department of Health, "Epidemiology of HIV Infection	\$25,000	1988-1991
HIV	Gibraltar Biological Lab.		Gibraltar Biological Laboratories, "Effects of Disinfectants on HIV", UMD-New Jersey Medical School	\$25,641	1987-1988
Cell Sorter	James M. Oleske, M.D., P.I.		National Institute of Health "Shared Instrument Cell Sorter Grant", UMD-New Jersey Medical School	\$310,500	1988
AIDS	Stuart Cook, MD, P.I.		Division of Research Resources, "AIDS Infrastructure: Alteration and Renovation", UMD-New Jersey Medical School	\$359,000	1988
Zinc/ Elderly	John D. Bogden, Ph.D., P.I.		National Institute of Health "Effect of Zinc on Immunocompetence in the Elderly", UMD-New Jersey Medical School	\$241,126	1984-1987
AIDS	Vincent Lanzoni, MD, PI		New Jersey State Department of Health James M. Oleske, M.D., P.I., Application for Health Service Grant Pediatric AIDS Program), UMD-New Jersey Medical School	\$75,000	1987
Alzheimer's	James M. Oleske, M.D., P.I.		Ciba-Geigy Pharmaceutical, "Pyrollidone and Effects on the Immune System in Alzheimer's Disease", UMD-New Jersey Medical School	\$24,000	1985-1986
HTLV-III	James M. Oleske, M.D., P.I.		AIDS Medical Foundation, "Perinatal Transmission of HTLV-III", UMD – New Jersey Medical School	\$10,000	1985-1986
AIDS	Vincent Lanzoni, M.D., P.I.		New Jersey State Department of Health, "AIDS Research and Patient Management", UMD-New Jersey Medical School	\$50,000	1984-1985
AIDS	James M. Oleske, M.D., P.I.		National Institute of Health, "RFP 263-84-P (51)-211 To provide AIDS Specimens to NIH", UMD-New Jersey Medical School	\$75,000	1985



**EXTERNAL SUPPORT – GIFTS, GRANTS, AND CONTRACTS:**

	<b>PI</b>	<b>% Effort</b>	<b>Purpose</b>	<b>Amount</b>	<b>Approx Duration</b>
<b>Past (cont.)</b>	Thomas N. Denny, P.I.	15%	Duke Immunology Quality Assessment Program. Project goals are: to conduct proficiency testing to assess sites' ability to reliably perform immunological assays; support comparative evaluations of cytometric instruments, methods and reagents; facilitate the development, standardization and characterization of new immunological assays for use in multi-center investigations determining assay variability, sensitivity, specificity and predictive value when appropriate. HHSN272200700054C	\$4,212,868	2007-2014
	Barton F. Haynes, MD, P.I.	51%	NIH/NIAID, CHAVI: Project goals: to elucidate early viral & immunological events & host genetic factors associated w/ HIV-1 transmission, establishment of infection, & (partial) containment of virus replication; determine correlates of SIV immune protection in primates; design, develop test novel immunogens & adjuvants that elicit persistent mucosal and/or systemic immune responses to HIV-1 and SIV in humans and primates; to evaluate HIV-1 vaccine candidates in early phase clinical trials.	\$275,961,112	2006 - 2012
	Thomas N. Denny, P.I.	10%	National Institute of Health Foundation / Bill & Melinda Gates Foundation Comprehensive T-Cell Vaccine Immune Monitoring Consortium	\$1,645,940	2007-2011
	CD4 Initiative	10%	CD4 Initiative of the Imperial College, London / Bill & Melinda Gates Foundation New Tools for Initiating and Monitoring Antiretroviral Therapy in the Developing World	\$2,500,000	2007-2111
	Thomas N. Denny, P.I.	3%	CVC - Cancer Vaccine Consortium -The program focuses on immune assays, their external performance validation and harmonization: Elispot, intracellular cytokine staining (ICS) and tetramer/ pentamer staining.	\$83,052	2008-2009
	Thomas N. Denny, Co-P.I.		Advance Liquid Logic, Inc. Subcontract to support development of viral load and antibody measurements and field trials. Denny/ Tomaras Co-P.I. Co-PI Thomas Denny \$771,152	\$771,152	9/2009-9/2013

Co-PI Georgia Tomaras	\$487,190
<b>Total Grant Award</b>	<b>\$1,258,342</b>

**EXTERNAL SUPPORT - GIFTS, GRANTS, AND CONTRACTS:**

PI	% Effort	Purpose	Amount	Approx Duration
<b>Present</b>				
Thomas N. Denny, P.I.		NIH: Immunology Quality Assessment Program: The goals of this project are to: (1) conduct proficiency testing to assess sites' ability to reliably perform immunological assays; (2) support comparative evaluations of cytometric instruments, methods and reagents; facilitate the development, standardization and characterization of new immunological assays for use in multi-center investigations determining assay variability, sensitivity, specificity and predictive value when appropriate. 11/06/98 –10/01/07 - 10/01/07 – 09/30/14	Reawarded 10/2014-9/2021	
Barton F. Haynes, MD, P.I.	51%	NIH/NIAID, CHAVI ID: Project goals: to elucidate early viral & immunological events & host genetic factors associated with the HIV-1 transmission, establishment of infection, and (partial) containment of virus replication; determine correlates of SIV immune protection in primates; design, develop test novel immunogens and adjuvants that elicit persistent mucosal and/or systemic immune responses to HIV-1 and SIV in humans and primates; to evaluate HIV	\$139,748,000	2012-2019
Thomas N. Denny, P.I.	3%	Duke Medical Center, Human Vaccine Institute, Chief Operating Officer, Durham,	n/a	2006 - present

NC

Thomas N Denny – P.I.	External Quality Assurance Program Oversight Laboratory (EQAPOL)	\$52 Million	2010- 2017
Emmanuel Walter, PI T Denny – Sr. Investigator	VTEU NIAID Vaccine and Treatment Evaluation Units (VTEUs): Evaluation of Control Against Diseases Other Than AIDS"	\$4 Million	2013- 2020
David Barnett - PI Thomas Denny - Faculty	Alexion Pharmaceuticals awarded UK NEQAS for Leucocyte Immunophenotyping/ Sheffield Teaching Hospitals (STH) an unrestricted Educational grant to establish an International School of Clinical Flow Cytometry.	1.3 million £ (unrestricted)	2014- 2017

**EXTERNAL SUPPORT - GIFTS, GRANTS, AND CONTRACTS:**

**PENDING**

<b>PI</b>	<b>Purpose</b>
Thomas N. Denny, co- P.I.	Training of Research Specialists for HIV Vaccine Development in Russia - AIDS Training and Research Program (D43) PI: Andrei P Kozlov / St. Petersburg, Russian Federation
Thomas N. Denny – P.I.	Non-Human Primate Core Quantitative Viral RNA Laboratory for AIDS Vaccine Research and Development