

CURRICULUM VITAE

Name: Steven H. Hinrichs, M.D.

Home and Campus Addresses:

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Omaha, NE 68124
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Pathology and Microbiology
University of Nebraska Medical Center
984080 Nebraska Medical Center
Omaha, NE 68198-4080
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Place of Birth: Redfield, S.D.

Education:

University of North Dakota	B.S.	1976
University of North Dakota	B.S.	1978 Medicine
University of North Dakota	M.D.	1980 Medicine

Post-degree Training:

University of California, Davis Categorical Intern in Pathology, 1980-1981
University of California, Davis Resident, Anatomic and Clinical Pathology, 1980-1984
Medical Staff Fellow, Laboratory of Molecular Virology, National Institutes of Health, 1985-1987

Security Clearance: Secret, FBI sponsor

Academic Appointments:

2008-present	Chair, Department of Pathology and Microbiology, University of Nebraska Medical Center
2007-2009	Senior Associate Dean for Research Development, University of Nebraska Medical Center
2008-Present	Director, UNMC Clinical Microbiology Fellowship Program, ABMM certified
2007-present	Department Advisor to UNeMed Corporation
2005-2007	Vice Chair, Research and Development, Department of Pathology & Microbiology, University of Nebraska Medical Center
2002-present	Stokes-Shackleford Professor, Department of Pathology & Microbiology, University of Nebraska Medical Center
2002-present	Courtesy Professor, Eppley Institute, University of Nebraska Medical Center
2002-present	Courtesy Professor, Department of Orthopaedic Surgery, University of Nebraska Medical Center
1997-present	Director, Nebraska Public Health Laboratory

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 2

1992-present	Associate Faculty, Creighton University/University of Nebraska Schools of Medicine, Pediatric Infectious Disease Division
1991-present	Director, Microbiology and Virology Laboratory, Pathology and Microbiology, University of Nebraska Medical Center
1991-2002	Associate Professor, Department of Pathology and Microbiology, University of Nebraska Medical Center
1985-1987	Medical Staff Fellow, Laboratory of Molecular Virology, National Institutes of Health
1984-1991	Assistant Professor, University of California, Davis Medical Center, Sacramento, CA

Current NIH/DOD Research Support:

Title: Evaluation of a new generation respiratory protection against aerosolized infectious agents.

Funding agency: DoD/Air Force

Project period: 7/18/07-11/18/10

Funding Amount: \$1,644,592

Principal Investigator: Steven H. Hinrichs, M.D.

Purpose: Phase 1: to determine whether personal respirator devices are capable of filtering viruses including influenza. Phase 2: investigate new compounds with inhibitory activity in respiratory media.

Title: Rapid identification of biological warfare agents

Funding agency: DoD US Army

Project period: 03/13/09-8/31/11

Funding Amount: \$792,252

Principal Investigator: Steven H. Hinrichs, M.D.

Purpose: This project seeks to identify new targets in select agents for use in diagnostic assays and studies of pathogenesis.

Title: Identification of Biological Materials of Unknown Origin

Funding agency: NIH

Project period: 2/1/06-1/31/11

Funding Amount: \$764,000

Principal Investigator: Khalid Sayood

Role on Project: Dr. Hinrichs is the faculty mentor for the project

Prior Research Support: available on request

Patents:

Patent #5,641,486 "Methods and composition for inhibiting B-ZIP transcription factor pathways"

Patent #5,844,096 "Methods of inhibiting transcription of the cyclic AMP responsive element binding protein and the activating transcription factor 1"

Patent #5,910,573 "Methods and Compositions of Modulating Transcription Factor Activity"

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 3

Patent #6,872,523 “Materials and methods for molecular detection of clinically relevant, pathogenic fungal species.”

2006 Patent Issued March 29 2005 Number: 6,872,523 B1 Materials

and Methods for Molecular Detection of Clinically Relevant Pathogenic Fungal Species

2007 # 10/561,889 System and Method for Sequence Distance Measure for Phylogenetic Tree Construction

Patent Applications:

Patent #N1374-007 “Methods and compositions for modulating transcription factor activity”

Patent #63174P “Method and approach for identification of mycobacteria”

Docket #63174 “Custom Sequence Databases and Methods of Use Thereof”

Docket #63204 “Methods for identifying primase trinucleotide initiation sites and identification of inhibitors of primase activity derived from invention disclosure No. 03028”.

Docket #63190 “Specimen Reporting System”

Docket #UNVN 115325 System and Method for Sequence Distance Measure for Phylogenetic Tree construction

Products Licensed:

Santa Cruz Biotech, Inc. ATF-1 Monoclonal antibody NC41.4

Clinical Appointments:

1997-present	Director of Microbiology and Virology, The Nebraska Medical Center
1997-present	Director, Nebraska Public Health Laboratory at UNMC
1998-2000	Associate Director, University of Nebraska Medical Center Clinical Laboratories,
1996-1997	Director, Specialty Laboratory, University of Nebraska Medical Center
1993-1996	Director, Molecular Diagnostics, University of Nebraska Medical Center
1991-1994	Director, Clinical Virology Laboratory, University of Nebraska Medical Center
1984-1991	Staff Pathologist, Department of Medical Pathology, University of California, Davis, Medical Center

Other Academic Appointments or Positions:

2006-present	Member, Information Science & Technology Dean’s Advisory Committee, UNO
2005-2009	Member, Board of Directors, Association of Public Health Laboratories
2002-present	Director, Nebraska Center for Biosecurity
2001-2002	Co-leader, Exploring Partnership Opportunities; Omaha Veterans Administration and the Nebraska Medical Center
1998-2000	Biosafety Officer
1995-1996	Member, Laboratory Redesign Committee
1992-2003	Program Member, Molecular, Cellular, and Structural Biology, Eppley Cancer Center
1992-2000	Director, Transgenic Animal Facility, University of Nebraska Medical

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 4

Center
1991-1996 Director, Molecular Diagnostics, University of Nebraska Medical Center

Consulting Positions:

2003-2007 Member, ASTHO/CIC: Enterprise Data Model Development and Management Working Group
1998-2002 Laboratory Corporation of America, Lincoln, NE
1997-1998 Blue Cross Blue Shield of Nebraska, Medical advisory board, Omaha, NE
1997-1998 DiaSorin (formerly INCSTAR)
1994-1997 Journal of Biomedical Research, Editorial Board
1994-1995 DAKO Corp., general diagnostic company
1993-1996 INCSTAR Corp., viral diagnostic company

Honors and Awards:

2007 NU Innovation, Development and Entrepreneurship Award
2006 UNMC Distinguished Scientist for 2006
2006 Northwest Rotary Vocational Service Award for Outstanding Service to the Community
2004 Faculty Member of Alpha Omega Alpha National Honor Society of Alpha of NE Chapter
2000-2002 California Cancer Research Coordinating Committee
1999 Department of Pathology, Grand Rounds Lecturer, University of Texas Medical Center
1996 Department of Pathology, Grand Rounds Lecturer, Albert Einstein College of Medicine, University of Nebraska Medical Center
1993 AMA-EMF Carter Fellowship
1991 Princess Takamatsu Cancer Research Symposium Lecturer
1989 Pluto Society Member
1985-1987 Medical Staff Fellow, The Nebraska Medical Center
1983 Landgraf Cancer Research Fellowship
1978-1979 National Foundation for Medical Education, Medical Perspectives Fellowship
1979 North Dakota Medical Association Award
1979 Lange Publications Award
1977 Special Alumni Award

Memberships and Offices in Professional Societies:

American Society of Microbiology
American Association for the Advancement of Science
Editorial advisory board: *Journal of Biomedical Science*
Nebraska Association of Pathologists
American Society of Clinical Pathology
Omaha Medical Society

Committee Assignments:

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 5

Departmental

2005	Chair, Department Review Committee, COM
2000-2003	Pathology/Microbiology Graduate Committee
1992-present	Pathology/Microbiology Administrative Team
1992-1997	Pathology/Microbiology Graduate Committee

University of Nebraska Medical Center (UNMC)

2008-present	Innovation, Development and Engagement Award (IDEA) Committee
2008-present	Associate Member, Molecular and Biochemical Etiology of Cancer Program
2008-2009	College of Medicine Curriculum Committee
2008-2009	Laboratory Advisory Council
2007-present	Conflict of Interest Committee, College of Medicine
2006-present	Advisory Committee for Bioinformatics & Molecular Modeling Core Facility
2006-present	Doctoral Programs Planning Subcommittee College of Public Health
2006-present	Partnerships for the College of Public Health
2006-present	Faculty Senate Intellectual Property Committee
2006-2009	Remote Sensor Project – UNMC and TNMC
2006-2009	Chair, Research and Development Committee, COM
2006-2009	Clinical and Translational Science Award Planning Grant Steering Committee
2006-2008	Research Task Force, North Central Association Accreditation Committee
2006-2008	Committee for the establishment of College of Public Health Statewide partnership
2006-2008	Medical Record-Personal Health Record Development
2006-2008	Avian Flu Preparedness, Employee Absenteeism Collaboration with Offutt/STRATCOM GISC
2006-2007	UNMC/Hampton University (Virginia) Alliance – Bioterrorism Partnership
2003-2005	Member, Technological Evaluation & Protection Committee (TEPC)
2002-2004	UNMC/NHS Safety and Security Executive Committee
2002-2008	Research and Development Committee, College of Medicine
1999-present	Infection Control Committee, University of Nebraska Medical Center
1999-2002	Laboratory Planning Committee (Architectural Design)
1999-2002	Cancer Center Membership Committee
1996-1999	UNMC-UNO Biosafety Committee
1996-2002	Laboratory Operations Team Committee
1998	Exploring Opportunities NHS/OVAH Oversight Committee
1996	Hattie B. Munroe Planning Committee
1996	Genetics Planning Committee
1995	Eppley Cancer Center Translational Research Grant Review
1995	Colon Cancer Screening Initiative Committee
1995	Hattie B. Munroe Building Committee
1995	XLP/PTLD Study Groups

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 6

1995-1996	Solid Tumor Tissue Bank (consultant)
1995-1996	Laboratory Redesign Committee
1995-1997	Animal Care Committee-Eppley Institute
1995-1997	Committee on Basic Research, College of Medicine
1995-2000	System Redesign Committee
1993	Eppley Breast Cancer Development Grant Committee
1993-1994	College of Dentistry Graduate Program Review Committee
1993-1994	MD/PhD Program Development Committee
1992	Campus Seed Grant Committee, Chair
1992-1993	UNL 3M Chair in Genetics Search Committee
1991-1994	Research and Development Committee, College of Medicine

The Nebraska Medical Center, Committee Appointments:

1998-present	Infection Control Committee
1998-2010	Medical Staff Pharmacy and Therapeutics Committee

Committee Assignments/National:

2009-present	American Society of Microbiology and Immunology Chairs
2008-present	National Biosurveillance Advisory Subcommittee (NBAS, CDC)
2008-present	NBAS Healthcare and Public Health Information Exchange Task Force- Committee Chair
2007-2008	Consultant, United States Air Force Scientific Advisory Board
2007-2008	National Governor's Association Task Force, Health Information Communication Task Force
2007-present	SPADA PHAA Work Group, AOAC International
2006-present	CDC/APHL Public Health Laboratory Informatics Project – co-lead
2006-2008	Douglas County Health Department Pandemic Influenza Policy Committee
2006-present	TB Advisory Committee, State of Nebraska, Department of Health and Human Services
2006-2007	CDC CLIAC Workgroup on Impact of Rapid Tests for Infectious Disease on Public Health
2006-2009	HHS Biosurveillance Data Steering Committee
2006-present	NeHII Collaborative – Electronic Health Records
2006-2008	HHSS Turning Point Public Health Stakeholders Group
2006-2007	HISPC RFP Steering Committee
2006-2008	APHL Board of Directors
2006-2008	APHL RWJF Workforce Initiative Oversight Team
2003-2005	ASTHO (Association of State & Territorial Health Officials), Liaison (APHL), Public Health Informatics Committee
2001-2005	CDC: CIC: Member CDC Information Council
2001-present	College of American Pathology, Laboratory Accreditation Inspector
2001-2003	NIH, Clinical Oncology Study Section
2000-2003	California Cancer Research Program: Biomedical Study Section B, member

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 7

2000-2002	CDC: HIBBS-ELR Panel, advisor, Electronic Laboratory Reporting for National Surveillance Group
2000-2006	APHL: Informatics, Committee Chair
2000	ASCP: Member, Strategic Alliance Task Force
1999	ASCP: Member, New Business Development Task Force
1999-2001	Network/Leadership Council, CDC: Public Health Information Steering Committee – NEDSS
1998-20001	ASCP: (Association of Clinical Pathology) Business Development Committee
1997	November, CAP Laboratory Inspection, University of Iowa, Iowa City, IA
1996-present	Region VII Chlamydia Control Advisory Committee
1995	August, CAP Laboratory Inspection, University of Washington, Seattle
1995	December, CAP Laboratory Inspection, Viromed, Inc., Minneapolis, MN
1993-1996	NIH: Immunology, Virology & Pathology Study Section (IVP)

Bibliography:

Articles published in scholarly journals:

1. Dajee H, Dane A, **Hinrichs S**, Lillington G. Pulmonary chondromas extra-adrenal paraganglioma and gastric leiomyosarcoma. *J of Thorac Cardiovasc Surg.* 1982 Sep 84(3):377-81.
2. Carlson JR, Bryant ML, **Hinrichs SH**, Yamamoto JK, Levy NB, Yee J, Higgins J, Pedersen N, Holland P, Garner MB. HTLV-III antibody screening of blood bank donors. *Lancet.* 1985 Mar 2;1(8427):523-4.
3. **Hinrichs SH**, Jaramillo M, Gumerlock PH, Gardner MB, Lewis JP, Freeman AE. Myxoid chondrosarcoma with a translocation involving chromosomes 9 and 22. *Cancer Genet Cytogenet.* 1985 Jan 15;14:219-26.
4. Carlson JR, **Hinrichs SH**, Levy NB, Gardner MB, Holland P, Pedersen NC. Evaluation of commercial AIDS screening test kits. *Lancet.* 1985 Jun 15;1(8442):1388.
5. Carlson JR, Bryant ML, **Hinrichs SH**, Yamamoto JK, Levy NB, Yee J, Higgins J, Levine AM, Holland P, Gardner MB, et al. AIDS serology testing in low-and high-risk groups. *JAMA.* 1985 Jun 21; 253(23):3405-8.
6. Holland PV, Richards CA, Teghtmeyer JR, Douville CM, Carlson JR, **Hinrichs SH**, Pedersen NC. Anti-HTLV-III testing of blood donors: reproducibility and conformability of commercial test kits. *Transfusion.* 1985 Jul-Aug; 25(4):395-7.
7. Levy N, Carlson JR, **Hinrichs S**, Lerche N, Schenker M, Gardner MB. The prevalence of HTLV-III/LAV antibodies among intravenous drug users attending treatment programs in California: A preliminary report. *N Engl J Med.* 1986 Feb 13;314(7):446.
8. Carlson JR, **Hinrichs SH**, Yee J, Gardner MB, Pedersen NC. Evaluation of three commercial screening testing of AIDS virus antibodies. *Am J Clin Pathol.* 1986 Sep; 86(3):357-9.
9. Carlson JR, Yee J, **Hinrichs SH**, Bryant ML, Gardner MB, Pedersen NC. Comparison of indirect immunofluorescence and Western blot for detection of anti-human immunodeficiency virus antibodies. *J Clin Microbiol.* 1987 Mar; 25(3):494-7.

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 8

10. Fung YK, Murphree AL, T'Ang A, Qian J, **Hinrichs SH**, Benedict WF. Structural evidence for the authenticity of the human retinoblastoma gene. *Science*. 1987 Jun 26;236(4809):1657-61.
11. Nerenberg M, **Hinrichs SH**, Reynolds RK, Khoury G, Jay G. The tat gene of human T-lymphotropic virus type I induces mesenchymal tumors in transgenic mice. *Science*. 1987 Sep 11;237(4820):1324-9.
12. **Hinrichs SH**, Nerenberg M, Reynolds RK, Khoury G, Jay G. A transgenic mouse model for human neurofibromatosis. *Science*. 1987 Sep 11;237(4820):1340-3.
13. Lucke-Huhle , **Hinrichs S**, Speit G. DHFR gene amplification in cultured skin fibroblasts of ataxia telangiectasia patients after methotrexate selection. *Carcinogenesis*. 1987 Dec;8(12):1801-6.
14. Reynolds RK, Hoekzema GS, Vogel J, **Hinrichs SH**, Jay G. Multiple endocrine neoplasia induced by the promiscuous expression of a viral oncogene. *Proc Natl Acad Sci USA*. 1988 May; 85(9):3135-9.
15. Vogel J, **Hinrichs SH**, Reynolds K, Luciw PA, Jay G. The HIV tat gene induces dermal lesions resembling Kaposi's sarcoma in transgenic mice. *Nature*. 1988 Oct 13; 335(6191):606-11.
16. **Hinrichs SH**, Vogel J, Rhim MJ, Jay G. Use of transgenic animals to study human retroviruses. *Cancer Metastasis Rev*. 1988 Dec;7(4):311-20. Review.
17. Koike K, **Hinrichs SH**, Isselbacher KJ, Jay G. Transgenic mouse model for human gastric carcinoma. *Proc Natl Acad Sci USA*. 1989 Jul;86(14):5615-9.
18. Green JE, **Hinrichs SH**, Vogel J, Jay G. Exocrinopathy resembling Sjogren's syndrome in HTLV-1 tax transgenic mice. *Nature*. 1989 Sep 7;341(6237):72-4.
19. Schrenzel MD, Higgins RJ, **Hinrichs SH**, Smith MO, Torten M. Type C retroviral expression in spontaneous feline olfactory neuroblastomas. *Acta Neuropathol (Berl)*. 1990;80(5):547-53.
20. Koike K, Jay G, Hartley JW, Schrenzel MD, Higgins RJ, **Hinrichs SH**. Activation of retrovirus in transgenic mice: Association with development of olfactory neuroblastoma. *J Virol*. 1990 Aug;64(8)3988-91.
21. **Hinrichs SH**, Fontes JD, Bills ND, Schneider PD. Transgenic models of human cancer. *Princess Takamatsu Symp*. 1991;22:259-74. Review.
22. Vogel J, **Hinrichs SH**, Napolitano LA, Ngo L, Jay G. Liver cancer in transgenic mice carrying the human immunodeficiency virus tat gene. *Cancer Res*. 1991 Dec 15;51(24):6686-90.
23. Baird AM, Green JE, Jay G, **Hinrichs SH**. Neurofibromatosis: Key Features of the Transgenic Mouse Model. *Comp Patho Journal*. 1992 Feb 24:3-4.
24. Feigenbaum L, **Hinrichs SH**, Jay G. JC virus and simian virus 40 enhancers and transforming proteins: Role in determining tissue specificity and pathogenicity in transgenic mice. *J Virol*. 1992 Feb;66(2):1176-82.
25. Bills ND, **Hinrichs SH**, Morgan R, Clifford AJ. Tissue folate levels in transgenic mice with tumors and in non-transgenic controls. *J of Nutri Biochem* 1992 3:113-7.
26. Bills ND, **Hinrichs SH**, Morgan R, Clifford AJ. Delayed tumor onset in transgenic mice fed a low-folate diet. *J Natl Cancer Inst*. 1992 Mar 4;84(5):332-7.
27. Heid MK, Bills ND, **Hinrichs SH**, Clifford AJ. Folate deficiency alone does not produce neural tube defects in mice. *J Nutr*. 1992 Apr;122(4):888-94.

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 9

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29. Green JE, Baird AM, **Hinrichs SH**, Klintworth GK, Jay G. Adrenal medullary tumors and iris proliferation in a transgenic mouse model of neurofibromatosis. *Am J Pathol.* 1992 Jun;140(6):1401-10.
30. Ebeler SE, **Hinrichs SH**, Clifford AJ, Shibamoto T. Analysis of reactive carbonyls in the expired air of transgenic mice. *Anal Biochem.* 1992 Aug 15;205(1):183-6.
31. Fontes JD, Strawhecker J, Bills ND, Lewis RE, **Hinrichs SH**. Phorbol esters modulate the phosphorylation of human T-cell leukemia virus type I Tax. *J Virol.* 1993 Jul;67(7):4436-41.
32. Chan WC, Hooper C, Wickert R, Benson R, Vardiman J, **Hinrichs SH**, Weisenburger D. HTLV-I sequence in lymphoproliferative disorders. *Diagn Mol Pathol.* 1993 Sep;2(3):192-9.
33. Seemayer TA, Gross TG, **Hinrichs SH**, Egeler Rm. Massive diffuse histiocytic myocardial infiltration in Epstein-Barr virus-induced fatal infectious mononucleosis. *Cell Vision* 1994 1(3):260-4.
34. Ebeler SE, **Hinrichs SH**, Clifford AJ, Shibamoto T. Volatile carbonyl levels in tissues of transgenic mice with nerve sheath tumors. *J Chromatogr B Biomed Appl.* 1994 Mar 18;654(1):9-18.
35. Iwen PC, Davis JC, Reed EC, Winfield BA, **Hinrichs SH**. Airborne fungal spore monitoring in a protective environment during hospital construction, and correlation with an outbreak of invasive aspergillosis. *Infect Control Hosp Epidemiol.* 1994 May;15(5):303-6.
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39. Gilchrist CA, Orten DJ, Bosilevac JM, Sanderson DS, **Hinrichs SH**. Transcriptional inhibition by a monoclonal antibody Fab fragment. *AB, Immun, and Radpharm.* 1995 8(4):281-98.
40. Feuerstein N, Huang D, **Hinrichs SH**, Orten DJ, Aiyar N, Prystowsky MB. Regulation of cAMP-responsive enhancer binding proteins during cell cycle progression in T-lymphocytes stimulated by IL-2. *J Immunol.* 1995 Jan1;154(1):68-79.
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Curriculum Vitae

Steven H. Hinrichs, M.D.

page 10

42. Kelly D, Scholtz B, Orten DJ, **Hinrichs SH**, Rizzino A. Regulation of the transforming growth factor β 2 gene promoter in embryonal carcinoma cells and their differentiated cells: Differential utilization of transcription factors. *Mol Reprod Dev.* 1995 Feb;40(2):135-45.
43. Iwen PC, Walker RA, Warren KL, Kelly DM, **Hinrichs SH**, Linder J. Evaluation of nucleic acid-based test (PACE 2C) for simultaneous detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae* in endocervical specimens. *J Clin Microbiol.* 1995 Oct;33(10):2587-91.
44. Horowitz AA, Shaw KES, **Hinrichs SH**, Anderson GB. Nucleotide sequence of a highly repetitive DNA element in the domestic goat and its structural relatedness to ovine satellite I and bovine satellite I DNA. *Small Ruminant Research.* 1996 20:89-94.
45. Schneider P, **Hinrichs S**, Zolim R, Tavary R. Carcinogenesis by methylbenzyl-nitrosamine near the squamocolumnar junction and methylamylnitrosamine in the forestomachs of CD-1 mice. *Cancer Lett.* 1996 Apr 19;102(1-2):125-31.
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47. Bills ND, **Hinrichs SH**, Morse JW. Direct detection of Epstein-Barr viral antigen in nasopharyngeal swabs from patients with infectious mononucleosis. *Acad Emerg Med.* 1996 Aug;3(8):776-81.
48. Gilchrist CA, Orten DJ, **Hinrichs SH**. Evidence for the role of cyclic AMP-responsive elements in human virus replication and disease. *J Biomed Sci.* 1996 Sep; 3(5):293-306.
49. Clifford AJ, Ebeler SE, Ebeler JD, Bills ND, **Hinrichs SH**, Teissedre PL, Waterhouse AL. Delayed tumor onset in transgenic mice fed an amino acid-based diet supplemented with red wine solids. *Am J Clin Nutr.* 1996 Nov;64(5):748-56.
50. Iwen PC, Walker RA, Warren KL, Kelly DM, Linder J, **Hinrichs SH**. Effect of off-site transportation on detection of *Neisseria gonorrhoeae* in endocervical specimens. *Arch Path Lab Med.* 1996 Nov;120(11):1019-22.
51. Iwen PC, Kelly DM, Linder J, **Hinrichs SH**, Dominguez EA, Rupp ME, Patil KD. Change in prevalence and antibiotic resistance of *Enterococcus* species isolated from blood cultures over an eight-year period. *Antimicrob Agents Chemother.* 1997 Feb;41(2):494-5.
52. d'Amore F, Stribley JA, Ohno T, Wu G, Wickert RS, Delabie J, **Hinrichs SH**, Chan WC. Molecular studies on single cells harvested by micromanipulation from archival tissue sections previously stained by immunohistochemistry or non-isotopic *in situ* hybridization. *Lab Invest.* 1997 Feb;76(2):219-24.
53. Krause AK, **Hinrichs SH**, Orndal C, DeBoer J, Neff JR, Bridge JA. Characterization of a human myxoid malignant fibrous histiocytoma cell line, OH931. *Cancer Genet Cytogenet.* 1997 Apr;94(2):138-43.
54. Iwen PC, Rupp ME, **Hinrichs SH**. Invasive mold sinusitis: Seventeen cases in immunocompromised patients and review of the literature. *Clin Infect Dis.* 1997 Jun;24(6):1178-84.
55. Sandler ES, Aquino VM, Gross-Hohet E, **Hinrichs S**, Krisher K. BK papova virus pneumonia following hematopoietic stem cell transplantation. *Bone Marrow Transplant.* 1997 Jul;20(2):163-5.

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 11

56. Paul S, Li L, Ravishankar K, O'Dell J, Dannenbring, Jr RE, Swindells S, **Hinrichs S**, Caturegli P and Rose NR. Characterization of thyroglobulin-directed and polyreactive catalytic antibodies in autoimmune disease. *J Immunol.* 1997 Aug 1;159(3):1530-6.
57. Ohno T, Stribley JA, Wu G, **Hinrichs SH**, Weisenburger DD, Chan WC. Clonality in nodular lymphocyte predominant Hodgkin's disease. *N Engl J Med.* 1997 Aug 14;337(7):459-65.
58. Tarantolo SR, Landmark JD, Iwen PC, Kessinger A, Chan WC, **Hinrichs SH**. Bartonella-like erythrocyte inclusions in thrombotic thrombocytopenic purpura. *Lancet.* 1997 Nov 29;350(9091):1602.
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61. Iwen PC, Rupp ME, Langnas AN, Reed EC, **Hinrichs SH**. Invasive pulmonary aspergillosis due to *Aspergillus terreus*; twelve-year experience and review of the literature. *Clin Infect Dis.* 1998 May;26(5):1092-7. Review.
62. Gross TG, **Hinrichs SH**, Winner J, Greiner TC, Kaufmann SS, Sammut PH, Langnas AN. Treatment of post-transplant lymphoproliferative disease (PTLD) following solid organ transplantation with low dose chemotherapy. *Ann Oncol.* 1998 Mar;9(3):339-40.
63. Bosilevac JM, Gilchrist CA, Jankowski PE, Paul S, Rees AR, **Hinrichs SH**. Inhibition of activating transcription factor 1- and cAMP responsive element-binding protein-activated transcription by an intracellular single chain Fv fragment. *J Biol Chem.* 1998 Jul 3;273(27):16874-9.
64. Iwen PC, Rupp ME, Bishop MR, Rinaldi MG, Sutton DA, Tarantolo S, **Hinrichs SH**. Disseminated aspergillosis caused by *Aspergillus ustus* in a patient following allogeneic peripheral stem cell transplantation. *J Clin Microbiol.* 1998 Dec;36(12):3713-7.
65. Hoeffel DP, **Hinrichs SH**, Garvin KL. Molecular diagnostics for the detection of musculoskeletal infection. *Clin Orthop Relat Res.* 1999 Mar;(360):37-46. Review.
66. Krause Boehm A, Strawhecker JA, Semmes OJ, Jankowski PE, Lewis R, **Hinrichs SH**. Analysis of potential phosphorylation sites in human T-cell leukemia virus type-1 Tax. *J Biomed Sci.* 1999 May-Jun;6(3):206-12.
67. Xie W, Wilder PJ, Stribley J, Chatonnet A, Rizzino A, Taylor P, **Hinrichs SH**, Lockridge O. Knockout of one acetylcholinesterase allele in the mouse. *Chem Biol Interact.* 1999 May 14;119-120:289-99.
68. Ratanasuwana W, Iwen PC, **Hinrichs SH**, Rupp ME. Bacteremia due to motile *Enterococcus* Species: clinical features and outcomes. *Clin Infect Dis.* 1999 May;28(5):1175-7.
69. Davis KR, **Hinrichs S**, Fidler JL, Henry TJ, Davis JR, Baker KS, Gordon BG, Gross TG. Post-transplant Epstein-Barr virus associated meningoencephalitis and lymphoid interstitial pneumonitis. *Bone Marrow Transplant.* 1999 Aug;24(4):443-4.
70. Iwen PC, Rupp ME, Schreckenberger PC, **Hinrichs SH**. Evaluation of the revised MicroScan dried overnight gram-positive identification panel to identify *Enterococcus* species. *J Clin Microbiol.* 1999 Nov;37(11):3756-8.

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Steven H. Hinrichs, M.D.

page 17

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145. Abdalhamid B, **Hinrichs SH**, Garrett JL, O'Neill JM, Hansen-Cain KM, Armbrust AA, and Iwen PC. Utilization of the QuantiFERON-TB Gold test in a 2-step process with the tuberculin skin test to evaluate healthcare workers for latent tuberculosis. *J.Clin. Microbiol.* 2010 August 48:2955-6, *PMC: 20573876*.

Chapters in books:

1. Gardner MB, WG Sullivan, **SH Hinrichs**. The pathology of viral infections. In: H. Rothschild, (Ed.) *Human Virology*, Oxford University Press, Chapter 3, pp. 65-86, 1986.
2. Gardner MB, PA Luciw, **SH Hinrichs**. Molecular Immunopathology. In *Proceedings of the Thirty 8th Annual Meeting of the American College of Veterinary Pathologists*.
3. Nerenberg M, **SH Hinrichs**, RK Reynolds, J Vogel, G Jay. A transgenic mouse model for the study of human T-lymphotropic virus type I. In: Liu, D.T., Marshak, D.R. and Schechter, A.N. (Eds): Therapeutic Peptides and Proteins: Assessing the New Technology.
4. **Hinrichs SH**, L Chen, J Fontes, G Jay. Human T-lymphotropic Virus Type I: Studies of Disease Cold Spring Harbor, New York, 1988. Mechanism in a Transgenic Mouse system. In: R. Gallo (Ed.) The Human Retroviruses, Academic Press, Inc., pp. 227-43, 1991. *Cancer Research Fund.* pp. 259-74, 1992.
5. **Hinrichs SH**, JD Fontes, ND Bills, PD Schneider. Transgenic models of human cancer. In: Sugimura, T., Terada, M. and Harris, K. (Eds.) Multi-stage Carcinogenesis; 22nd International Symposium of the Princess Takamatsu.
6. Traystman MD, **Hinrichs SH**. Molecular Basis of Human Disease. In: J. Linder and I. Damjanov, (Eds.) Anderson's Pathology, Mosby-Year Book, Chap. 15, 1:311-323, 1996.

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page 18

7. Mun PA, Jacobs DS. (Contributors: **Hinrichs SH**, Ost, M.D.) Anatomic Pathology. In: Jacobs, D.S., Demott, W.R., Grady, H.J., Horvaat, R.T., Huestis, D.W., Kasten Jr., B.L., (Eds.) Laboratory Test Handbook, 4th Edition with Key Word Index, LEXI-COMP Inc., Hudson (Cleveland), 1996.
8. Horvath RT, **Hinrichs SH**, Tilzer LL. (Contributors: Bridge, J, Persons, D., Murphy, PD.) Molecular Pathology. In: Jacobs, D.S., Demott, W.R., Grady, H.J., Horvaat, R.T., Huestis, D.W., Kasten Jr., B.L., (Eds.) Laboratory Test Handbook, 4th Edition with Key Word Index, LEXI-COMP Inc., Hudson (Cleveland), 1996.
9. **Hinrichs, S.H.**, Contributor: in Jacobs, D.S., Demott, W.R., Grady, H.J., Horvaat, R.T., Huestis, D.W., Kasten Jr., B.L., (Eds.) Laboratory Test Handbook, C O N C I C E, LEXI-COMP Inc., Hudson (Cleveland), 1996.
10. **Hinrichs, S.H.**, S. Haggerty, C. Harrison. Viral Diseases. In: J. Linder and I. Damjanov, (Eds.) Anderson's Pathology, Mosby-Year Book, Chap. 36, 1:886-950.
11. Ebeler SE, Clifford AJ, Ebeler JD, Bills ND, **Hinrichs SH**. An *in vivo* experimental protocol for identifying and evaluating dietary factors that delay tumor onset: Effect of red wine solids. Wine Nutritional and Therapeutic Benefits. In: Watkins TR (Ed.) ACS Symposium Series 661, American Chemical Society, Washington D.C., Chap. 16, pp. 215-229, 1997.
12. **Hinrichs SH**, Wisecarver JL., (Guest Editor): Molecular methods in diagnostic microbiology; In: Clinics in Laboratory Medicine. 23(4) December 2003.
13. Kingston A, Morien M, **Hinrichs SH**. Bioterrorism Preparedness: The Challenge of Disparate Populations. In Satcher D, Pamies RJ (eds.): *Multicultural Medicine and Health Disparities*. New York, McGraw Hill, Chap. 32, pp. 533-540, 2005

Books or journals edited:

Ad hoc reviewer:

New England Journal of Medicine
Molecular Pathology
Journal of Laboratory Medicine

American Journal of Pathology
Journal of Biomedical Science

Abstracts: not recorded

Preliminary communications:

1. Bastola DR, Otu HH, Doukas SE, Sayood K, **Hinrichs SH**, Iwen PC. Utilization of the relative complexity measure to construct a phylogenetic tree for fungi. ASM (103rd General Meeting), May, 18-22, 2003
2. Stickle DF, Naushad H, **Hinrichs SH**, Pirruccello SJ. Quantitative data analysis for the bloodspot biotinidase newborn screening assay using a desktop scanner. Computer applications. Am Assoc Clin Chem (Phildelphia) July, 2003

Presentations and Invited Lectureships/Meetings:

- 1990:** UCLA Molecular Biology Symposium, Taos, NM, Transgenic Animals in Medicine "Models of Human Retrovirus-Induced Disease in Transgenic Mice"
- 1991:** FASEB Mini Symposium, Atlanta, GA, Pathology of Transgenic Animals "Cellular

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 19

Effects of Viral Genes in Transgenic Mice"

- 1991:** Princess Takamatsu Cancer Research Conference, Tokyo, Japan. "Models of Human Disease in Transgenic Mice"
- 1992:** Diagnostic Applications of PCR for Clinical Diagnosis. Damon Binford Society of Infectious Disease Pathologists IAP, Atlanta, GA. "Use of transgenic mice to explore gene function of oncogenic viruses"
- 1994:** AFIP "Animal Models of Human Disease" on CD ROM. "Transgenic mouse model of neurofibromatosis"
- 1995:** American Cancer Society Symposium, Omaha, NE. "Role of Viruses in Human Cancer"
- 1995:** LifeQuest TV presentation, Omaha, NE, "Rapid Viral Diagnosis"
- 1995:** NE Education and Training Center, Nebraska HIV Coordinators, Omaha, NE, "Laboratory Diagnosis of HIV, Update 1995"
- 1995:** American Cancer Society Symposium, Omaha, NE
- 1995:** Pan-American Group for Rapid Diagnosis, Tampa, FL "Role of EBV Serology in the Liver and Bone Marrow Transplant"
- 1995:** Nebraska Association of Pathologists, "Viral Diagnostics by Molecular Methods". Omaha, NE, 9/20/95
- 1995:** Oncology Fall Seminar presented by The Radiation Therapist Subcommittee of the American Cancer Society. "The Role of Viruses in the Development of Human Cancers", 10/14
- 1996:** Albert Einstein College of Medicine/Montefiore Medical Center, New York, NY. "Role of ATF/CREB in Viral Transcription" 06/24-15
- 1996:** Molecular Biology Symposium, "An Inhibitory Protein of ATF-mediated Transcription, University of NE Kearney, NE. 09/5-6
- 1996:** University of Nebraska at Lincoln, Department of Chemistry Grand Rounds, "Structural Studies of an Inhibitory Protein of ATF-mediated Transcription", 09/19
- 1996:** "The Virus-cancer Connection: Recent Research Efforts" 12/06/96
- 1996:** Nebraska City, NE, Antibody Interest Group. "Inhibitory Activity by a scFv".
- 1997:** Iowa Society of Cytology Fall Meeting, Council Bluffs, IA, 09/19.
- 1997:** UNMC Section of Oncology/Hematology/Allogeneic Transplant Meeting, "Quantitative Viral Testing", 10/17

- 1997:** UNMC Section of Oncology/Hematology/Allogeneic Transplant Meeting, "New Approaches to Anti-viral Therapy" 11/07
- 1997:** Nebraska STD Control Program quarterly staff meeting, 12/18. "STD Laboratory Test Types"
- 1998:** UNMC Board of Visitors "Ethical issues of new technology"
- 1998:** University of Nebraska Board of Regents, Cloning and Organ transplantation, Panel discussion
- 1998:** HIV Education Conference, Public Health Network UNMC, 10/98
- 1998:** NHS Section of Oncology/Hematology/Allogeneic Transplant Meeting, "Review HHV6 in bone marrow transplantation populations", 12/98
- 1998:** Canedy Institute Program on Medical Leadership, Storz Meeting Rm., North Campus; 09/18, 09/19, 10/01, 10/02, 10/03, 11/06, 11/07, 11/12, 11/14
- 1998:** Association of Public Health Laboratories (APHL) Washington, D.C., October
- 1999:** American Society of Clinical Pathologists, Development of new business strategies for

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 20

the next millennium, 01/09

- 1999:** University of Texas Medical Center, Houston, Department of Pathology Grand Rounds, "New Molecular Strategies for Cancer Therapeutics"
- 1999:** Association of Medical School Microbiology & Immunology Chairs, St. Lucia, 01/23 -25
- 1999:** 19th Annual Infectious Diseases Spring Symposium, UNMC, ESH. "Recent advances in diagnostic testing for virology", 04/29
- 1999:** Association of Public Health Laboratories (APHL) Washington, D.C., June
- 1999:** University of Nebraska, Kearney, Sigma Xi Lectureship. "Future Prospects in Molecular Microbiology" 11/16
- 1999:** Association of Public Health Laboratories (APHL) Washington, D.C., 11/11-12
- 1999:** Association of Medical School Microbiology & Immunology Chairs, St. Lucia 01/23-25
- 2000:** Association of Public Health Laboratories, CDC meeting "Surveillance Systems Integration Project (SSIP)", Atlanta, GA, January
- 2000:** *E. coli* Executive Committee Meeting, UNL, 01/21
- 2000:** NEDDS Stakeholders Meeting, Atlanta, GA, 03/30-31
- 2000:** Association of Public Health Laboratories, CDC meeting, Atlanta, GA, 04/20
- 2000:** Association of Microbiology Meeting, Los Angeles, CA, 05/12-13
- 2000:** NPHL Seminar presentation: "State of Art Testing for STD", UNMC, 06/09
- 2000:** APHL Annual Planning Conference, "Electronic Laboratory Reporting" St. Louis, MO, 06/12-13
- 2000:** CDC meeting, "Genetics competencies in Public Health" Atlanta, GA 08/16-17
- 2000:** NHHS: "Emerging Infections in NE: 2000 and Beyond" Lincoln, NE 09/14
- 2000:** NTLN meeting, UNMC, 10/18-19
- 2000:** Region VII Infertility Prevention Advisory Cmte Mtg, Kansas City, MO, 10/30-31
- 2000:** NIH Clinical Oncology Study Section, Washington DC, 11/06-08
- 2000:** CDC meeting re: HISSB (Health Info and Survey Systems) Atlanta, GA, 11/09
- 2001:** APHL Leadership Meeting, Yountville, CA, 01/12-14
- 2001:** Kiwanis Club of Omaha, Inc., Omaha, NE, "Protecting the Public Health", 05/18
- 2001:** National Laboratory System Mtg, APHL/CDC, Atlanta, GA, 06/04
- 2001:** APHL Planning Meeting, Portland, OR, 06/10-12

- 2001:** Agro-Medicine Consortium, "Public Health and Rural Medicine: Current Issues and Controversies; Kearney, NE, 09/01
- 2001:** UNMC/NHS, Lunch and Learn presentation regarding Bioterrorism, 10/05
- 2001:** UNMC Chancellor's Council Meeting regarding UNMC security including bioterrorism, 10/09
- 2001:** NETV Interview with Carol Shrader regarding Bioterrorism and Public Health, 10/11
- 2001:** Nebraskans for Research: Steering committee presentation, Countryside Community Church –spoke to general public and UNMC colleagues regarding Bioterrorism and Public Health, 10/15
- 2000:** UNMC/NHS, Lunch and Learn presentation regarding Bioterrorism, 10/15

- 2001:** Chancellor's Board of Counselors, Lincoln, NE, University preparation for bioterrorism. 10/18
- 2001:** Scott Conference Center, Nebraskans for Research Forum: Bioterrorism and Public Health, Local preparedness for Bioterrorism, "How will we know if there is a problem?"

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 21

10/24

- 2001:** NHS Lunch and Learn: Bioterrorism and Public Health, 10/24
- 2001:** Senator Chuck Hagel briefing, 10/28
- 2001:** UNMC representative, Kiewit Institute presentation on informatics, IBM, White Plains, NY, 10/08
- 2001:** ASCP special teleconference, "Bioterrorism Preparedness: A Walk Through Laboratory Protocols"
- 2001:** Health and Human Services Committee, Lincoln, Panel Participant (Crouse, Hinrichs, Nelson, Bartee), 11/02.
- 2001:** Nebraska Electronic Laboratory Reporting Site Visit. "NEDSS participation in ELR" "Planning activities in ELR in Nebraska" "Legality (Acceptability of lab data to pass through CDC from national labs" 12/19
- 2002:** Present 'Health Informatics Program and Public Health' UNMC, 02/21
- 2002:** Business-Higher Education Forum, 2002 Winter Meeting, "Terrorism and the Nation's Security", Scottsdale, AZ, 03/02
- 2002:** Present on Higher Education Forum Panel, to CEOs, and personnel of universities, Lincoln, NE, 03/12
- 2002:** Rotary Meeting at Field Club, Bioterrorism, 03/27
- 2002:** Speaker: Bioterrorism at Omaha CREW Banquet, 04/27
- 2002:** Promoting Research Collaborations. Mahoney State Park, "Infectious Diseases/Anti-Bioterrorism Research", 04/29
- 2002:** Chancellor's Unit Meeting (HPTC, RHEN, Public Affairs, Alumni Affairs), "Bioterrorism" 05/01
- 2002:** Mid-America Hospital Alliance (MAHA) panel, UNMC, 05/10
- 2002:** Homeland Security Meeting with Lt. Gov. Dave Heineman, UNMC, 05/28
- 2002:** UNMC Student Senate, Bioterrorism presentation, CON, 06/03
- 2002:** University of Kansas – Merrill Advanced Studies Center - "University Role in Bioterrorism Preparedness", 06/13
- 2002:** Homeland Security Policy Group Meeting re: Food Safety AFDO, Lincoln, NE, 07/18
- 2002:** Meet at UNL, Bioterrorism Task Force with Dr. Dennis Smith, 08/08
- 2002:** Antibiotic Subcommittee mtg, Healthcare Epidemiology, UNMC, 08/26
- 2002:** NTV Kearney interview re: Bioterrorism, 09/06
- 2002:** Present t STD meeting, Chalco Hills Recreation Center, 09/11
- 2002:** Forum held at UNMC Cooper Auditorium, "The Role of Background Checks in Bioterrorism Prevention", 09/18
- 2002:** USDA Bioterrorism meeting, UNMC, 09/19
- 2002:** Presentation and tour MUD Power Plant re: Safety of Omaha Power Plant, attending environmental health personnel and inspectors, 09/19
- 2002:** Region VII RCE Grant Proposal Development Meeting, Nebraska City, NE, 09/23
- 2002:** Faculty Women's Club presentation. "Bioterrorism as it Relates to the University of Nebraska Medical Center", UNMC, 09/25
- 2002:** Meet with Washington Post reporter regarding our Bioterrorism program, 10/07
- 2002:** Homeland Security Policy Group, S, Lincoln, NE, 10/08
- 2002:** Participation in Legislative Hearing regarding LR326, Lincoln, NE, 10/10
- 2002:** Bioterrorism Leadership Group Meeting, Lincoln, NE, 10/29
- 2002:** Speak regarding Bioterrorism on NPR, 10/31

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 22

- 2002:** Participate in the visit of National Homeland Security Advisor, Thomas Ridge, 11/01
- 2002:** State Homeland Security Exercise Design Team/Smallpox orientation, UNL, 11/14
- 2002:** Present on smallpox at the Mini-Med Bioterrorism School, CON, 11/25
- 2002:** Bioterrorism Steering Cmte/Pre-event Smallpox vaccine, UNMC, 12/19
- 2002:** Attend Board of Regents Meeting re: Bioterrorism funding, Lincoln, NE, 12/14
- 2002:** Meet with Dr. D.A. Henderson in Washington, DC, 12/19
- 2003:** Rotary Club, "Overview of Progress and Program on Biosecurity", Council Bluffs, IA, 01/16
- 2003:** Keynote speaker at Lincoln Day Volunteer Recognition Breakfast, Omaha, NE, (attendee's volunteers for candidates who ran for office, i.e. Attorney General John Bruening), 2/22
- 2003:** Rotary Club, Omaha, NE, "Bioterrorism Preparedness", Omaha, NE (per Chancellor's request), 03/07
- 2003:** Strategic Air Space Museum. Invited by Young Republicans & participated with Lt. Gov Heineman & FEMA Region VIII Director David Maurstad re: "Homeland Security in the Heartland", 11/08
- 2003:** Omaha District Dental Society, "Biosecurity", Omaha, NE, 11/11
- 2003:** Nebraska Homeland Security Policy Forum, Lincoln, NE. Presentation on UNMC updates, 11/20
- 2003:** Children's Hospital Grand Rounds. Representing NPHL, participated in a round table discussion regarding, "Everything you wanted to know about Influenza but didn't know who to ask!" 12/12
- 2004:** Mini-Medical School – Spring. New Disease Threats, How Science is responding, "Emerging Diseases: What you should know, 21st Century Plagues: Is the Potential There?" 04/04
- 2004:** North Central Region Homeland Security Conference, Roundtable Discussion on Regional, State and Local Homeland Security Issues, Facilitated by Lt. Gov. Heineman, 04/21
- 2004:** Nebraska EPSCoR State Conference on Bioinformatics and Biomedical Computing, "Challenges and Opportunities in Biosecurity Preparedness." 04/21
- 2004:** Speaking engagement, Midwest Information Systems Professionals, "Bioterrorism Update to the Midwest Information Systems Professionals." Omaha, NE, 06/09/04
- 2004:** Speaking engagement, B'nai B'rith Lodge of Presidents, "Midwest Bioterrorism Updates." Omaha, NE 08/18/04
- 2004:** Bioterrorism Symposium Kearney NE 08/26/04
- 2004:** Alabama Assessment Ream Project, Birmingham, AL 09/13-14/04
- 2004:** ASTHO and APHL 2004 Annual Meeting, St. Paul, MN 09/28-09/30/04
- 2004:** Homeland Security Policy Group Meeting USPFO, Lincoln, NE 10/06/04
- 2004:** BT/WMD Incidents, Douglas County Health Department Civic Center, Omaha, NE 10/25/04
- 2004:** Western Douglas Rotary Club Speaking Engagement, St. Augustines, Omaha, NE 10/28/04
- 2004:** HRSA National Meeting, Washington DC, Mid America Alliance – A Regional Program of Mutual Assistance for Public Health Preparedness 12/8/04
- 2004:** APHL Next Step Phase 2 Project, Atlanta, GA 12/13-14/04
- 2004:** BT Advisory Committee Mid America Alliance Lincoln, NE 12/16/04

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 23

- 2005: Grand Rounds, Omaha, NE 01/19/05
- 2005: APHL Council of Chairs Miami, FL 1/21
- 2005: Mid America Alliance Denver, CO 3/21
- 2005: Bioterrorism Symposium Norfolk, NE 4/21
- 2005: Mid America Region VIII HIS Health Directors Conference Salt Lake City, UT 5/17
- 2005: CDC Public Health Law Conference Atlanta, GA 6/13
- 2005: Bioterrorism Symposium Series Scottsbluff, NE 6/17
- 2005: APHL Annual Meeting Salt Lake City, UT 6/25
- 2005: 3M Plant with Lt. Governor Sheehy, Valley, NE 7/13
- 2005: APHL Board, Cambridge, MA 9/8
- 2005: North Central States Consortium Lansing Michigan 9/14
- 2005: Governor's Homeland Security Policy Group, Lincoln, NE 9/22
- 2005: TERREX Workshop, Grand Island, NE 10/14
- 2005: Gram Positive Pathogenesis Conference, Omaha NE 10/28
- 2005: Biocontainment Unit Conference, Omaha NE 11/8
- 2005: NCI, Rockville, MD 11/16
- 2006: APHL Board, Atlanta GA 1/8
- 2006: Senator Hagel briefing, Washington DC 1/25
- 2006: DARPA, Arlington, VA 1/26
- 2006: APHL Informatics, Silver Spring, MD 2/5
- 2006: Governor's Homeland Security Policy Group, Mahoney State Park, NE 2/22
- 2006: Pandemic Flu Response Summit, Governor Heineman, Secretary Michael Leavitt 2/23
- 2006: US Senate Subcommittee on Health Round Table Biosurveillance, Washington DC 3/6
- 2006: Bioterrorism Symposium Series, Omaha, NE 3/7
- 2006: Rotary Club, "Avian Influenza", Lincoln, NE 3/14
- 2006: IPP Region VIII, Kansas City, MO 3/23
- 2006: APHL Board, Silver Spring, MD, 3/24
- 2006: HISPC RFP, Lincoln, NE 4/3
- 2006: Bioterrorism Symposium Series, Norfolk, NE 4/5
- 2006: Lt. Governor Sheehy Avian Flu Update, Lincoln, NE 4/10
- 2006: Road Map for Public Health Informatics presented at the Bioterrorism Symposium Series, Norfolk, NE 4/5
- 2006: APHL / CDC, Atlanta, GA 4/28
- 2006: State Lab Tour, Lincoln, NE 5/1
- 2006: STRATCOM, Omaha, NE 5/8
- 2006: Road Map for Public Health Informatics presented at the Bioterrorism Symposium Series, Scottsbluff, NE 5/17
- 2006: ASTHO Public Health Information Network Requirements Gathering for Surveillance and Visualization, Washington, DC, 5/24
- 2006: APHL Board and Annual Meeting – presented Road Map for Public Health Informatics, Long Beach, CA 6/1
- 2006: Bioterrorism Advisory Committee, Lincoln, NE 6/7
- 2006: HISPC Steering Committee, Lincoln, NE 6/12
- 2006: HISPC Steering Committee, Lincoln, NE 6/29
- 2006: Road Map for Public Health Informatics presented at the Bioterrorism Symposium Series, Kearney, NE 6/30

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 24

- 2006:** Governor's Homeland Security Policy Group Conference, Mahoney State Park, NE 7/11
- 2006:** Biosurveillance Data Steering Group, Washington, DC 8/18
- 2006:** Turning Point Public Health Stakeholders Group, Lincoln, NE 8/21
- 2006:** Society for Collegiate Travel Management presentation - Pandemics: The Newest Threat to Travelers, Amelia Island, Florida 9/17
- 2006:** Gram Positive Pathogens Conference, Omaha NE 10/16
- 2006:** APHL Council of Chairs, Atlanta, GA 10/18
- 2006:** Lt. Governor Table Top Pandemic Flu TEREX exercise, Lincoln, NE 10/26
- 2006:** CLIAC Work group, DCD, Atlanta GA, 11/2
- 2006:** DARPA, Arlington, VA 11/8
- 2006:** APHL Informatics Committee meeting, Silver Spring, MD 11/9
- 2006:** Avian Flu Forum presentation, UNMC, Omaha 11/13
- 2007:** Association of Medical School Microbiology & Immunology Chairs, San Juan 1/18
- 2007:** Board of Counselors – Avian Flu Preparedness, UNMC, Omaha 1/22
- 2007:** Amateur Radio Emergency Service, Avian Flu Preparedness, Ralston Fire Dept 1/24
- 2007:** Grand Rounds, Viral Diagnostic Tests, Children's Hospital, Omaha 1/26
- 2007:** Growing & Enhancing the Research Enterprise in Academic & Health Centers, Nashville 2/22
- 2007:** CSTE proposed legislation hearings, Washington DC 3/5
- 2007:** APHL Steering Committee meeting with CDC officials, Atlanta 3/7
- 2007:** Governor's Homeland Security Policy Group Conference, Lincoln 3/9
- 2007:** IPP Region VIII, Kansas City, MO 3/15
- 2007:** 2007 Nebraska Research & Innovation Conference Qwest Center, Omaha 3/21
- 2007:** AHIC Population Health Testimony, Washington DC 3/29
- 2007:** Road Map for Public Health Informatics presented at the Bioterrorism Symposium Series, Norfolk, NE 4/5
- 2007:** NGA Health Information Communication and Data Exchange Taskforce, Washington DC 5/15
- 2007:** APHL Board of Directors and Annual Meeting, Jacksonville, 5/31
- 2007:** NGA Health Information Communication and Data Exchange Taskforce, Washington DC 7/9
- 2007:** APHL Strategic Direction for PHL Interoperability Project, Atlanta, 8/8
- 2007:** APHL PHLIP JAD 2 Workgroup, Atlanta, 8/9
- 2007:** Governor's Homeland Policy Group Conference, Lincoln, 8/20
- 2007:** APHL Board of Directors meeting, Phoenix, 10/11
- 2007:** ELR / CDC / APHL meeting, Washington, DC 10/30
- 2007:** AF SAB, Brooks AFB, San Antonio 10/31
- 2007:** AF SAB, Wright Patterson AFB, Dayton 11/4
- 2007:** NGA HICDE taskforce, Atlanta 11/15
- 2007:** APHL Informatics meeting, Silver Spring, MD 12/6
- 2007:** Institute of Medicine of the National Academies Workshop on Research Priorities in Emergency Preparedness and Response for Public Health Systems, Washington DC 12/19
- 2008:** Lilly MDR TB Project with APHL/CDC, Washington DC 2/19
- 2008:** Health Information and Management Systems Society Annual Conference, Orlando, FL

Curriculum Vitae

Steven H. Hinrichs, M.D.

page 25

2/24-29

- 2008: MAA Governance Board and Lab Directors Meeting, Bismarck, ND and Rapid City SA, 3/28 – 4/2
- 2008: SPADA meeting, Washington, D.C., April 7,8
- 2008: APHL Board and Annual Meeting, St. Louis, MO, May 15-20
- 2008: APHL Strategic Planning, Silver Spring, MD June 5
- 2008: CBMS Information Exchange Day, Washington, DC June 16
- 2008: CDC National Biosurveillance Subcommittee, San Francisco CA August 11-12
- 2008: CDC Biosurveillance Coordination Unit, Electronic Laboratory Information Exchange Forum, Atlanta, GA September 25
- 2008: APHL Bioinformatics, Washington, D.C. December 10
- 2009: CDC National Biosurveillance Subcommittee, Dallas, Texas January 8
- 2009: PAN FLU meeting, Ankeny, IA, February 8
- 2009: CDC Governance Planning Group, Atlanta, GA, March 30
- 2009: DoD Collaboration, Tyndall AFB, Panama City, FL, April 7-10
- 2009: Region VII IPP Kansas City, MO May 12-13
- 2009: APHL Informatics Committee Rockville MD July 8
- 2009: National Biosurveillance Advisory Subcommittee Chicago August 5-6
- 2009: AAAR / AFRL meeting Minneapolis, October 27
- 2009: FDA Washington DC November 3
- 2009: CBMS Information Exchange Days Washington DC November 4-5
- 2009: Midwest APC meeting Napa Valley CA November 11-15
- 2010: APHL / CDC PHLIP Briefing Atlanta GA January 13
- 2010: AMSMIC chairs, Mexico January 19-25

Information on teaching activities related to those in residency training (medical, pharmacy, etc.):

Microbiology/Virology Clinical Rotations

Clinical clerkships for 3rd and 4th year medical students

Clinical Pathology Conference Call (residents), Microbiology/Virology

Pediatric Resident Seminar (monthly)

Listing of continuing education lectures/courses given:

1. Biology and Medical Impact of *E. Coli* 0157, Nebraska LEAD Program (LEAD Fellows), lecturer, 03/04/2000
2. Present lecture for NE LEAD Program at UNMC/NHS, 02/17/01
3. CSF C Goal 3 Public Education re: Bioterrorism, CON, 06/25/02
4. Presented "Mycobacterial Diseases", Cardio/Pulmonary/Endo/ENT, 11/13/02
5. Presented Grand Rounds at Children's Hospital, Omaha. "Everything you wanted to know about Influenza but didn't know who to ask!" 12/12/03
6. Mini-Medical School Presentation, Intro to Virology 101, UNMC, 02/13/2003
7. Mini-Medical School Presentation, Infectious Diseases / Emerging Diseases: What you should know.

