

July 15, 2008
ABBREVIATED CURRICULUM VITAE

OF

ALAN JOHN PARKINSON, Ph.D.

VITAL STATISTICS:

BORN: August 14, 1947
PLACE OF BIRTH: Gisborne, New Zealand
CITIZENSHIP: United States of America

EDUCATION:

1967 - Medical Laboratory Technology, Auckland Hospital Board, New Zealand
1972 - B.Sc., Otago University, Dunedin, New Zealand
1973 - Honors, Otago University, Dunedin, New Zealand. Honors thesis title: "Labeling Immunoglobulin with iodoacetic acid-2-H³"
1976 - Ph.D., Otago University, Dunedin, New Zealand. Ph.D. Dissertation title: "Radioimmunoassay of antiviral antibody"

APPOINTMENTS:

1977 - 1983: Adjunct Assistant Professor of Research Medicine, Department of Medicine, University of Oklahoma
1979 - 1983: Adjunct Assistant Professor of Microbiology & Immunology, University of Oklahoma
1980 - 1983: Graduate Faculty Member, University of Oklahoma
1980 - 1983: Staff Scientist, Oklahoma Medical Research Foundation
1984 - Present: Chief, Laboratory Branch, Arctic Investigations Laboratory, Center for Infectious Diseases, Centers for Disease Control, Anchorage, AK 99501
1991-1996: Deputy Director, Arctic Investigations Program, National Center for Infectious Diseases, Centers for Disease Control, Anchorage, AK 99501
1995- Present: Senior Associate, Department of International Health, School of Hygiene and Public Health, John Hopkins University, Baltimore, MD 21205
1995- Present: Affiliate Professor, School of Nursing and Health Sciences, University of Alaska Anchorage
1996- 2003: Affiliate Professor of Pathobiology, School of Public Health and Community Medicine, University of Washington, Seattle, WA.
1996-1998: Acting Director, Arctic Investigations Program National Center for Infectious Disease, Centers for Disease Control & Prevention, Anchorage, AK 99501.
1998- Present: Deputy Director, Arctic Investigations Program, National Center for Infectious Diseases, Centers for Disease Control, Anchorage, AK 99501
1988- Present: Principal Research Associate; Affiliate Professor of Biology, Institute of Arctic Biology, University of Alaska Fairbanks.
1998- Present: CDC Representative to US Arctic Council and Policy Group.
2000- Present: Affiliate Professor Biomedical Sciences, College of Arts & Sciences, University of Alaska, Anchorage.

CURRENT POSITION:

Chief Laboratory Branch, and Deputy Director of the Arctic Investigations Program, National Center for Infectious Diseases, Centers for Disease Control and Prevention. Conducts original laboratory research and provides direct supervision of laboratory staff of 10 persons supporting epidemiologic studies and surveillance directed towards infectious disease prevention and control in Arctic populations. Coordinator of the International Circumpolar Surveillance Project.

MEMBERSHIPS:

- A. American Society for Microbiology
- B. Infectious Disease Society of America
- C. American Society for Circumpolar Health

COURSES:

- 1985 - Epidemiologic Intelligence Service Course, Centers for Disease Control, Atlanta, GA, July 5-12, 1985
- 1986 - Scientific Report Writing, Centers for Disease Control, Anchorage, AK, May 19-23, 1986
- 1991 - Negotiating to Win, Cooper Management Institute, Anchorage, AK, May 22-23, 1991
- 1992 - Vision Navigation - Strategic Planning, Professional Growth Systems, Anchorage, AK, 1992
- 1992 - Powerful Presentations, Fred Pryor Seminar, Anchorage, AK, June 9, 1992
- 1993- Project Planning and Organization, Professional Growth Systems, Anchorage, AK, July 1993
- 1994- Conflict Resolution, Alaska Training and Consulting, Anchorage, AK, April 1994
- 1994- Total Quality Management, Anchorage AK, October 17-21, 1994
- 2000- CDC Ethics Training Certificate number 771
- 2000- CDC Budget and Program Implementation: The Rules of the Game. Atlanta GA, March 22 2000.
- 2000- CDC Financial Management for Program Managers. Atlanta, GA, June 27-29, 2000
- 2001- Commissioned Officer Training Academy. Supervisor Basic Orientation
- 2002- Hazardous Waste Operations and Emergency Response (40 hour HAZWOPER 29 CFR 1910.120): CDC Bioterrorism Laboratory Response Team, Atlanta GA August 19-23, 2002.

AWARDS:

- Antarctic Service Medal of the United States
- NCID Outstanding Service Award 1993, Arctic Investigations Program Safety Committee
- NCID Group Honor Award 1994, Research-Operational, Arctic Investigations Program, Prevention and Control of Hepatitis B in Alaska Native Population
- NCID Group Honor Award 1995, Research Epidemiology and Laboratory, The Alaska Anemia, Blood loss *Helicobacter pylori* Infection Investigation
- NCID Outstanding Service Award 1998, Acting Director AIP 1996-1998
- James H. Nakano Citation, Scientific Paper Published in 1999. "Re-emergence of invasive *Haemophilus influenzae* type b disease in a well vaccinated population in remote Alaska".
- NCID Group Honor Award 1999, Program Operations. *Haemophilus influenzae* type b investigation Team.
- James H. Nakano Citation, Scientific Paper Published in 2000. "Invasive *Haemophilus influenzae* disease in Alaskan Residents aged 10 years and older before and after infant vaccination programs".
- Charles C. Shepard Science Award 2001 nomination- Assessment and Epidemiology. "Invasive *Haemophilus influenzae* disease in Alaskan Residents aged 10 years and older before and after infant vaccination programs" JAMA 2000;283:3089-94.
- DHHS, IHS Outstanding Unit Citation 2001. "Design, development, and implementation of the first international and nationally recognized program to control an epidemic of hepatitis A with vaccine".
- NCID Honor Award 2004. SARS and Monkey Pox Public Health Response Team.

TEACHING EXPERIENCE:

- 1974-1976 Graduate Assistant: Duties included both design and supervision of laboratory instruction of virology
- 1977-1978 Lecturer and laboratory instructor in a graduate course in medical microbiology
- 1979- Participated in laboratory instruction in an undergraduate course in microbiology
- 1978,80,84 Co-taught a four-credit-hour graduate course in virology (lecture and laboratory)
- 1980-1984 Ph.D. Graduate Supervisor - Project Title: "Persistent Parainfluenzavirus Infection in vitro"
- 1980,81,83 Module Instructor, Etiology & Pathogenesis of Disease (90 clock hours per year)
- 1990-93 University of Alaska WAMI Biomedical Program - "Natural History of Infectious Diseases"
- 1996-00 Ph.D. Graduate Supervisor, Department of Pathobiology, University of Washington. Project title: Pneumococcal disease in Alaska: characterization of a novel multi drug resistant clone.
- 1999-02 NCID Emerging Infectious Diseases Fellowship program, Graduate and post graduate mentor.

SPECIAL ACTIVITIES:

1. Chairman; Center for Infectious Diseases Workshop on "Immunoglobulin class and subclasses," CDC, Atlanta, GA, May 22, 1989
2. Alaska Branch ASM - 1993 President elect
1994 President
1995-1999 Secretary/Membership Coordinator
1999-2002 Councilor
3. Alaska Area Research & Publications Committee. IRB reviewer for research protocols and publications.
4. State of Alaska AIDS task force 1990-2001
5. Reviewer Journal of Medical Virology
Alaska Science and Technology Foundation
Emerging Infectious Diseases Journal
6. US Delegate to the Arctic Council 1998-2008
7. NIH, National Center for Research Resources, Special Emphasis Review Panel June 25-27, 2000.
8. CDC Liaison to Health Canada, Ottawa: SARS Outbreak Response April 10-28, 2003
9. CDC Liaison to WHO HQ, Geneva: Avian Influenza Outbreak Response February 1-29, 2004
10. Coordinator International Circumpolar Surveillance of Emerging Infectious Diseases 1998-present
11. Coordinator International Polar Year Arctic Human Health Initiative 2005-2009

PUBLICATIONS:

A. Journal Articles:

1. Parkinson, A.J., and Kalmakoff, J.: 1973. Labeling of immunoglobulins using (2-³H)-iodoacetic acid. Proc. University of Otago Med. School. 51:60-61.
2. Kalmakoff, J., and Parkinson, A.J.: 1974. Labeling antibodies with ³H-acetate. Appl. Microbiol. 28:624-626.
3. Bilimoria, S., Parkinson, A.J., and Kalmakoff, J.: 1975. Comparative study ¹²⁵I and ³H-acetate labeled antibodies in detecting iridescent viruses. Appl. Microbiol. 28:133-137.
4. Parkinson, A.J., and Kalmakoff, J.: 1976. Tritium labeling of immunoglobulins with iodoacetic acid. Int. J. Appl. Rad. Isotopes. 26:367-371.
5. Parkinson, A.J., and Kalmakoff, J.: 1976. Detection of virus specific immunoglobulins using doubly labeled fluorescein-¹²⁵I antibody. J. Clin. Microbiol. 3:637-639.
6. Parkinson, A.J., Muchmore, H.G., Scott, L.V., Miles, J.A.R., and Dick, E.C.: 1976. Enhancement of virus isolations by utilizing tissue cultures in the field. Antarctic J. U.S. 11:68-70.
7. Kalmakoff, J., Parkinson, A.J., Crawford, A., and Williams, B.R.G.: 1977. Solid-phase radioimmunoassay using labeled antibody: A conceptual framework for designing assays. J. Immunol. Methods. 14:73-84.
8. Muchmore, H.G., Parkinson, A.J., Scott, E.N., Scott, L.V., and Miles, J.A.R.: 1978. Respiratory virus infections late in isolation at the South Pole. Antarctic J. U.S. 13(4):171-172.

9. Parkinson, A.J., Muchmore, H.G., Scott, L.V., Kalmakoff, J., and Miles, J.A.R.: 1979. Parainfluenzavirus upper respiratory tract infections in partially immune adults: A study at an Antarctic Station. *Amer. J. Epidemiol.* 110:753-763.
10. Parkinson, A.J., Muchmore, H.G., Scott, L.V., and Miles, J.A.R.: 1979. Parainfluenzavirus upper respiratory tract infections in subjects at McMurdo Station during the summer, 1975-1976. *Antarctic J. U.S.* 14(5): 186-187.
11. Parkinson, A.J., Muchmore, H.G., and Scott, L.V.: 1979. Persistence of parainfluenzavirus upper respiratory tract infections in subjects at South Pole during winter-over 1978. *Antarctic J. U.S.* 14(5):188-189.
12. Muchmore, H.G., Parkinson, A.J., Humphries, J.E., Cooney, M.K., Scott, L.V., Miles, J.A.R., and Scott, E.N.: 1979. Respiratory virus shedding throughout isolation at the South Pole. *Antarctic J. U.S.* 14(5):185-186.
13. Parkinson, A.J., Muchmore, H.G., McConnell, T.A., Scott, L.V., and Miles, J.A.R.: 1980. Serologic evidence for parainfluenzavirus infection during isolation at South Pole Station, Antarctica. *Amer. J. Epidemiol.* 112(3):334-340.
14. Parkinson, A.J., Muchmore, H.G., Scott, L.V., and Miles, J.A.R.: 1980. Parainfluenzavirus isolation enhancement utilizing cell cultures in the field. *J. Clin. Microbiol.* 11:535-536.
15. Muchmore, H.G., Parkinson, A.J., Glenn, S.B., and Scott, E.N.: 1980. Effect of breathing cold air on pharyngeal mucosal surface temperature and secretions. *Antarctic J. U.S.* 15:174-175.
16. Muchmore, H.G., Parkinson, A.J., Humphries, J.E., MacIntosh, D.A., Cooney, M.K., Scott, L.V., Miles, J.A.R., and Scott, E.N.: 1981. Persistent parainfluenzavirus shedding during isolation at the South Pole. *Nature.* 289:187-189.
17. Parkinson, A.J., Muchmore, H.G., and Scott, E.N.: 1981. Identification of parainfluenzavirus isolates recovered from subjects at South Pole during the winter of 1978 by radioimmunoassay and enzyme immunoassay. *Antarctic J. U.S.* 16:183-184.
18. Muchmore, H.G., Parkinson, A.J., and Scott, E.N.: 1978. Measurement of nasopharyngeal secretory immune and non immune substances in subjects at South Pole during winter. *Antarctic J. U.S.* 16:181-183.
19. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: 1981. Purification of labeled antibody by minicolumn gel centrifugation. *Anal. Biochem.* 118(2):401-404.
20. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: A rapid micromethod for the preparation of enzyme antibody conjugates. *J. Clin. Microbiol.* 15(4):757-779.
21. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: 1982. Identification of parainfluenzavirus types 1 & 3 by indirect solid-phase enzyme immunoassay. *J. Clin. Microbiol.* 15(3):538-541.
22. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: 1982. Comparison of a solid-phase enzyme immunoassay and radioimmunoassay using a double labeled enzyme-¹²⁵I antibody. *J. Clin. Lab. Automation.* 2(3):177-182.
23. Jensen, H.G., Parkinson, A.J., Scott, L.V., and Muchmore, H.G.: 1982. Persistent infections with human parainfluenzavirus type 3 in two cell lines. *Proc. Okla. Acad. Science.* 62:71-75.

24. Parkinson, A.J., Muchmore, H.G., Scott, E.N., and Scott, L.V.: 1982. Environmental survival of human respiratory viruses at South Pole Station. *Antarctic J. U.S.* 17(5):196-197.
25. Scott, E.N., Muchmore, H.G., and Parkinson, A.J.: 1982. Enzyme and radioimmunoassay in human sporotrichosis. *Proc. VIII Congress Int. Soc. Human and Animal Mycology.* pp. 212-215.
26. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: 1983. Rapid preparation and purification of alkaline phosphatase and ¹²⁵I labeled antibody by minicolumn gel centrifugation chromatography. *J. Chromatog.* 254:219-228.
27. Parkinson, A.J., Muchmore, H.G., Scott, E.N., and Scott, L.V.: 1983. Survival of human parainfluenza viruses in the South Polar environment. *Appl. Environ. Microbiol.* 46(4):901-905.
28. Muchmore, H.G., Parkinson, A.J., and Scott, E.N.: 1983. Respiratory virus infections during the winter at South Pole. *Antarctic J. U.S.* 18(5):229-230.
29. Parkinson, A.J., Kalmakoff, J., Muchmore, H.G., and Scott, E.N.: 1983. Decline in parainfluenzavirus specific antibody avidity preceding common colds during isolation at the South Pole. *Antarctic J. U.S.* 18(5):231-232.
30. Vickers, M.L., Parkinson, A.J., Muchmore, H.G., and Scott, E.N.: 1984. Recovery of herpes virus type 1 from the respiratory tract of subjects at South Pole Station during the 1983 winter. *Antarctic J. U.S.* 19:185-186.
31. Parkinson, A.J., Muchmore, H.G., and Scott, E.N.: 1984. Rhinovirus respiratory tract infections during isolation at South Pole Station. *Antarctic J. U.S.* 19:186-188.
32. Tuomanen, G., Pollack, H., Parkinson, A.J., Davidson, M., Facklam, R., Rich, R., and Zak, O.: 1988. A new property of defective lysis in clinical strains of pneumococci: microbiological and clinical significance. *J. Infect. Diseases.* 198:36-43.
33. Davidson, M., Schraer, C.D., Parkinson, A.J., et al.: 1989. Invasive pneumococcal disease in an Alaskan population. *JAMA.* Vol 261:715-718.
34. Parkinson, A.J., McMahon, B.J., Hall, D., Ritter, D., and Fitzgerald, M.A.: 1990. Comparison of enzyme immunoassay and radioimmunoassay for the detection of antibody to hepatitis B core antigen as the only marker of hepatitis B infection in a population with high prevalence of hepatitis B. *J. Med. Virol.* 30:253-257.
35. Cruz, A., Parkinson, A.J., Hall, D., Bulkow, L., and Heyward, W.L.: 1990. Associations of early childhood infections and reduced hemoglobin levels in a historic cohort of Alaska Native infants. *Arct. Med. Res.* 49:175-179.
36. McMahon, B.J., Wainwright, K., Bulkow, L., Parkinson, A.J., Lindenbaum, M., Wainwright, R.B., and Helminiak, C.: 1990. Response to hepatitis B vaccine - Alaska Natives with chronic alcoholism compared with non-alcoholic controls. *Am. J. Med.* 88:460-444.
37. Parkinson, A.J., Davidson, M., Campbell, J., Rabiego, M.E., and Johnson, C.: 1990. Enzyme immunoassay for the detection of pneumococcal C polysaccharide in sputum of patients with presumptive pneumococcal pneumonia. *Serodiagnosis and Immunotherapy in Infectious Disease.* 4:495-503.
38. Wainwright, R.B., McMahon, B.J., Bulkow, L.R., Parkinson, A.J., and Harpster, A.P.: 1991. Protection provided by hepatitis B vaccine in a Yupik Eskimo population. *Arch. Intern. Med.* 151:1634-1636.

39. Gottstein, B., Mesarina, B., Tanner, I., Ammann, R.W., Eckert, Wilson, J.F., Lanier, A., and Parkinson, A.J.: 1992. Specific cellular and humoral responses in patients with different long term courses of alveolar echinococcus (infection with *Echinococcus multilocularis*). *Am. J. Trop. Med. Hyg.* 45:732-742.
40. Parkinson, A.J., Rabiego, M.E., Sepulveda, C., Davidson, M., and Johnson, C.: 1992. Quantitation of sputum pneumococcal C polysaccharide by enzyme immunoassay in patients with presumptive pneumococcal pneumonia. *J. Clin. Microbiol.* 30: 318-322.
41. Findley, J.C., Davidson, M., Parkinson, A.J., and Sullivan, R.W.: 1992. Pneumococcal-endocarditis in Alaska Natives, a population based experience: 1978-1990. *Ann. Inter. Med.* 152:1641-1645.
42. McMahon, B.J., Parkinson, A.J., Helminiak, C., Wainwright, R.B., Bulkow, L., Kellerman-Douglas, A., Schoenberg, S., and Ritter, D.: 1992. Response of persons positive only for antibody to hepatitis B core antigen (anti-HBc) to hepatitis B vaccine. *Gastroenterology.* 103:590-594.
43. Munoz, R., Musser, J.M., Crain, M., Briles, D.E., Marton, A., Parkinson, A.J., Sorensen, U., and Tomasz, A.: 1992. Geographic distribution of penicillin-resistant clones of *Streptococcus pneumoniae*: Characterization by penicillin-binding protein profile, surface protein A typing, and multilocus enzyme analysis. *Clin. Infect. Dis.* 15:112-118.
44. Bulkow, L.R., McMahon, B.J., Wainwright, R.B., Parkinson, A.J., Wainwright, K.Y., and House, J.: 1993. Safety and immunogenicity of a combined hepatitis B virus-*Haemophilus influenzae* type B vaccine formulation in health adults. *Arct. Med. Res.* 52: 118-126.
45. McMahon, B.J., Parkinson, A.J., Bulkow, L., Davidson, M., Wainwright, K., Wolfe, P., and Schiffman, G.S.: 1993. Immunogenicity of the 23 valent pneumococcal polysaccharide vaccine in Alaska Native alcoholics compared with non alcoholic Natives and non Native controls. *Am. J. Med.* 95:589-594.
46. Rudolph, K.M., Parkinson, A.J., Black, C.M., and Mayer, L.M.: 1993. Evaluation of the polymerase chain reaction for the detection of pneumococcal pneumonia. *J. Clin. Microbiol.* 31:2661-2666.
47. McMahon, B.J., Schoenberg, S., Bulkow, L., Wainwright, R.B., Fitzgerald, M.A., Parkinson, A.J., Coker, E., and Ritter, D.: 1993. Seroprevalence of hepatitis B viral markers in 52,000 Alaska Natives. *Am. J. Epidemiol.* 138:544-549.
48. Parkinson, A.J., Cruz, A.L., Heyward, W.L., Hall, D., Bulkow, L.R., and Conner, W.G.: 1993. Elevated levels of plasma omega 3 poly unsaturated fatty acids in Alaska Eskimos. *Amer. J. Clin. Nutrition.* 59:384-388.
49. Davidson, M., Bulkow, L.R., Grabman, J., Parkinson, A.J., Chamblee, C., Williams, W.W., and Schiffman, G.: 1993. Immunogenicity of pneumococcal vaccination and revaccination in patients with chronic diseases. *Arch. Intern. Med.* 154:2209-2214.
50. Davidson, M., Schnitzer, P.G., Bulkow, L.R., Parkinson, A.J., Schloss, M.L., Fitzgerald, M.A., Knight, J.N., Murphy, C.M., Kiviat, N.B., Toomey, K.E., Reeves, W.C., Schmidt, D.S., and Stamm, W.E.: 1993. The prevalence of cervical infection with human papilloma and cervical dysplasia in Alaska Native women. *JID.* 169:792-800.
51. Parkinson, A.J., Davidson, M., Fitzgerald, M.A, Bulkow, L.R., and Parks, D.J.: 1994. Serotype distribution and antimicrobial resistance patterns of invasive isolates of *Streptococcus pneumoniae*: Alaska 1986-90. *JID.* 170:461-464.

52. Davidson, M., Parkinson, A.J., Bulkow, L.R., Fitzgerald, M.A., Peters, H.V., and Parks, D.J.: 1994. The epidemiology of invasive pneumococcal disease in Alaska. 1986-90: Ethnic differences and opportunities for prevention. *JID*. 170:368-376.
53. Rudolph, K.M., and Parkinson, A.J.: 1994. Measurement of pneumococcal polysaccharide serotype specific IgG in human sera: a method for assigning weight based units to a proposed reference serum. *Clin. Diag. Lab. Immunol.* 1:526-530.
54. Gessner, B.D., Ussary, X.T., Parkinson, A.J., and Breiman, R.F.: 1995. Risk factors for invasive disease caused by *Streptococcus pneumoniae* among Alaska Native children younger than two years of age. *Pediatr. Infect. Dis. J.* 14:123-128.
55. De Benedetti, V.M.G., Welsh, J.A., Rivers, G.E., Harpster, A., Parkinson, A.J., Lanier, A.P., McMahon, B.J., and Bennett, W.P.: 1995. p53 alterations in hepatocellular carcinoma from Alaska Natives. *Cancer Epi. Biomarkers & Prev.* 5:70-82.
56. Parkinson, A.J., McMahon, B.J., Zanis, L., Lanier, A.P., and Wainwright, R.B.: 1996. Detection of alpha-fetoprotein and hepatitis B surface antigen in blood spotted on filter paper use as a screen for hepatocellular carcinoma in Alaska Natives. 1996 *Arctic Med. Res.* 55: 123-128
57. Gottstein, B., Bettens, F., Parkinson, A.J., and Wilson, F.: 1996. Immunological parameters associated with susceptibility or resistance to alveolar hydatid disease in Yupiks/Inupiat. *Arct. Med. Res.* 55:14-19.
58. Petersen, K.M., Parkinson, A.J., Nobmann, E.D., Bulkow, L., and Yip, R.: 1996. High prevalence of iron deficiency anemia among Alaska Natives; inadequate intake or unexpected loss? *Am J Nutrition* 126;2774-2783.
59. Ussary, X.T., Gessner, B.D., Lipman, H., Elliott, J.A., Tien, P.C., Parkinson, A.J., Crain, M.J., Davidson, M., and Brieman, R.: 1996. Risk factors for nasopharyngeal carriage of resistant *Streptococcus pneumoniae* and detection of a multiply resistant clone among children living the the Yukon Kuskokwim Delta region of Alaska. *Ped Infect Dis J.* 15;986-992.
60. Yip R, Limberg PJ, Ahlquist DA, Herschel M, Carpenter A, O Neill A, KruseD, Stitham S, Gold BD, Gunter EW, Looker AC, Parkinson AJ, Nobmann ED, Petersen KM, Ellefson M, Swartz S. 1997. Pervasive occult gastrointestinal bleeding in an Alaska Native population with prevalent iron deficiency: Role of *Helicobacter pylori* gastritis. *JAMA* 277;1135-1139.
61. Fitzgerald MA, Parkinson AJ. 1997. Measurement of antimicrobial susceptibility among invasive isolates of *Streptococcus pneumoniae* Comparison of the Etest and standard agar dilution method. *Alaska Med.* 39;3-7.
62. Wainwright RB, Bulkow LR, Parkinson AJ, Zanis C, McMahon BJ. 1997 Protection provided by hepatitis B vaccine in a Yupik Eskimo population-Results of a 10 year study. *J Infect Dis* 175:674-7
63. Silva, A.E., McMahon, B.J., Parkinson, A.J., Sjogren, M.H., Hoofnagle, J.H., and DiBisceglie, A.M.: 1998 HBV DNA by PCR and IgM anti HBc by RIA in individuals with antibody to hepatitis core antigen by EIA as the only marker of hepatitis B infection. *Clin Infect Dis.* 26:895-7
64. Bulkow LR., Wainwright RB., McMahon BJ., Parkinson AJ. 1998. Increased levels of antibody to hepatitis B surface antigen in an immunized population. *Clin Infect. Dis.* 26:933-7

65. Robinson, AD., Hollingshead ,SK., Musser, JM., Parkinson, AJ., Briles ,DE., Crain, MJ. 1998 . The IS1167 insertion sequence is a phylogenetically informative markers among isolates of serotype 6B *Streptococcus pneumoniae*. J Molecular Evolution. 47:222-229
66. Rudolph KM., Parkinson AJ., Roberts MC. 1998 Molecular analysis of *Streptococcus pneumoniae* serotype 6B isolates from selected areas within the United States by pulse-field electrophoresis and antibiogram. J Clin Microbiol. 36: 2703-2707.
67. Parkinson, A.J., Cuthbert, M., Bulkow, L., Davidson, M., Petersen, K., and Clift, S.E.: 1999. Microbial etiology of chronic otitis media with effusion in Alaska Native children. Alaska Med.41(2):27-33.
68. McMahon, B.J., Parkinson, A.J., Rudolph, K., Davidson, M., and Grabman, J.: 1999. Sepsis due to *Streptococcus pneumoniae* in an alcoholic patient who received pneumococcal vaccine. Clin Infect Dis. 28:1162-64.
69. Galil, K., Singleton R.S., Levine O.S., Fitzgerald, M.A., Bulkow, L., Perkins, B., Parkinson, A.J. 1999. Reemergence of Invasive *Haemophilus influenzae* type b disease in a well-vaccinated population in remote Alaska. J Infect. Dis 179:101-6.
70. Robinson. D.A., Turner, S., Facklam, R.R., Parkinson, A.J., Breiman, R., Gratten, M., Hollingshead, S.K., Briles, D.E., Crain, M.J.. 1999. Molecular characterization of globally distributed lineage of serotype 12F *Streptococcus pneumoniae* causing invasive disease. J Infect Dis. 179:414-22
71. Butler, J.C., Parkinson. A.J., Funk, E., Beller, M., Hayes, G., Hughes, J.M. 1999. Emerging infectious diseases in Alaska and the Arctic: A review and a strategy for the 21st century. Alaska Med. 41(2). 35-43.
71. Young-Hwa, Chung, McMahon, B.J., Lanier, A.P., Alter, M.J., Parkinson, A.J., Zanis, C., DiBisceglie, A. 1999 Evidence for non-A, non-B, non-C as an etiologic factor in hepatocellular carcinoma. Int. J. Circumpolar Health. 58: 208-213
73. Rudolph, K.M., Crain, M.J., Parkinson, A.J., Roberts, MC. 1999. Characterization of a multi-resistant clone of invasive *Streptococcus pneumoniae* serotype 6B in Alaska using pulsed-field gel electrophoresis and PsPa typing. J. Infect Dis. 180:1577-83
74. Karron, R.A., Singleton, R.J., Bulkow, L., Parkinson, A.J., Kruse, D., DeSmet, I., Indorf, C., Petersen, K.M., Leombruno, D., Hurlburt, D., Santosham, M., Harrison, L.H. 1999. Severe respiratory syncytial virus disease in Alaska Native children. J. Infect. Dis. 180:41-9.
75. Bulkow, L.R., Levine, O.S., Singleton, R., Carlone, G., Pais, L., Parkinson, A.J. 1999. Enhanced immunogenicity of a sequential *Haemophilus influenzae* type b vaccine schedule in Alaska Native infants. Ped. Infect Dis J. 18:1023-1024.
76. Lucher, L.A., Singleton, R., Parkinson, A.J., Butler, J.C. 1999. The challenge of ongoing *Haemophilus influenzae* type b transmission in Alaska. Alaska Med. 41:61-68.
77. Parkinson, A.J., Bell, A., Butler, J.C.. 1999. International Circumpolar Surveillance of Infectious Diseases: monitoring community health in the Arctic. Int J Circumpolar Health. 58 (4):222-225.
78. Parkinson, A.J., Bulkow, L., Wainwright, R.B., Gold, B., Swaminathan, B., Petersen, K.M., and Fitzgerald, M.A. 2000. High prevalence of *Helicobacter pylori* and an association with low serum ferritin in the Alaska Native population. Clin. Lab Diag. Immunol 7: 885-888.

79. McMahon, B.J., Parkinson, A.J. 2000. Clinical significance and management of persons who have antibody to hepatitis B core antigen as the only marker of HBV infection. *Viral Hepatitis Reviews*. 6(1):229-239.
80. Miernyk, K.M., Rudolph, K.M., Parkinson, A.J., Petersen, K.M., Bulkow, L.R., Ward, J.I., Santoshum, M.. 2000. Immunogenicity of a hepatavalent pneumococcal vaccine in American Indian, Alaska Native, and non Native Infants < 2 years of age. *Clin Infect Dis*. 31:34-41
81. Perdue, D.G., Bulkow, L.R., Peterson, K.M., Singleton, R.S., Gellen, B., Davidson, M, Parkinson, A.J. 2000. Invasive *Haemophilus influenzae* type b disease in Alaskan residents aged 10 years and older before and after infant vaccination programs. *JAMA*. 283 (23)3089-94.
82. Rudolph, K.M., Parkinson, A.J., Reasonover, A.L., Bulkow, L.R., Parks, D.J., Butler, J.C.. 2000. Serotype distribution and antimicrobial resistance patterns of invasive isolates of *Streptococcus pneumoniae*: Alaska 1991-1998. *J.Infect. Dis*. 182:490-496.
83. Sebbelov, A.M., Davidson, M., Kjaer, S.K., Jensen, H., Gregoire, L., Hawkins, I., Parkinson, A.J., Norrild, B. 2000. Comparison of human papillomavirus genotypes in archival cervical cancer specimens from Alaska Natives Greenland Natives and Danish Caucasians. *Microbes and Infection* (2) 2000:121-126.
84. Singleton, R., Bulkow, L.R., Levine, O.S., Parkinson, A.J. 2000. Experience with the prevention of invasive *Haemophilus influenzae* type b disease by vaccination in Alaska: The impact of persistent oropharyngeal carriage. *J. Pediatrics* 137(3);313-320.
85. Jeong, J.Y, Mukhopadhyay, A.K, Dailidene, D., Wang, Y., Velapatino, B., Gilman, R.H., Parkinson, A.J., etal. 2000. Sequential inactivation of *rdxA* (HP0954) and *fixA* (HP0642) nitroreductase genes causes moderate and high-level metronidazole resistance in *Helicobacter pylori* *J. Bacteriol*. 182(18) 5082-5090.
86. Williams, J., Christensen, C.J., McMahon, B.J., Bulkow, LR., Cagle, H.H., Mayers J.S., Zanis, CR., Parkinson, A.J., and Margolis H.S. 2001. Evaluation of the response to a booster dose of hepatitis b vaccine in previously immunized healthcare workers. *Vaccine* 19: 4081-4085.
87. Rudolph, K.M., Parkinson, A.J., Roberts, M.C. 2001. Mechanisms of erythromycin and trimethoprim resistance in the Alaska *Streptococcus pneumoniae* serotype 6B clone. *J. Antimicrob. Chemotherapy* 48:315-329.
88. Kersulyte, D., Velapatino, B., Dailide, G., Mukhopadhyay, A.K., Cahuayme L., Parkinson, A.J., Gilman R.H. and Berg D.E. 2002. Transposable element *ISHp608* of *Helicobacter pylori*: non-random geographic distribution, functional organization and insertion specificity. In press. *J. Bacteriol*. 184:(4)
89. Hennessy, TW., Petersen, K.M., Bruden, D., Butler., J.C., Parkinson, A.J., Hurlburt, D., Getty, M., Schwartz, B. 2002. Changes in antibiotic prescribing practices and carriage of penicillin resistant *Streptococcus pneumoniae*: A controlled intervention trial in rural Alaska. *Clin. Infect. Dis*. 34:1543-1550.
90. Lucher, LA., Reeves MW., Hennessy T., Levine, OS., Popovic T., Rosenstein, N., Parkinson AJ. 2002. Re-emergence of invasive *Haemophilus influenzae* type b disease in southwestern Alaska due to strains indistinguishable from those from vaccinated children. *J. Infect. Dis*. 186:958-65.
91. Parkinson, A.J., Butler, J.C. 2002. Prevention and control of infectious diseases in the Arctic. *Arctic Research of the United States*. 15: 27-31.

92. O'Brien, K.L., Moulton, L.H., Reid, R., Weatherholtz, R., Oski, J., Brown, L., Kumar, G., Parkinson, A.J., Hu, D., Hackell, J., Chang, I., Kohberger, R., Siber, G., Santosham, M.. 2003. Efficacy and safety of a seven-valent conjugate pneumococcal vaccine in American Indian children: a group randomized trial. *Lancet* 362: 355-361.
93. Benin, A.L., O'Brien, K.L., Watt, J.P., Reid, R., Zell, E.R., Katz, S., Donaldson, C., Parkinson, A.J., Schuchat, A., Santosham, M., Whitney, C.G. 2003. Effectiveness of the 23-valent polysaccharide vaccine against invasive pneumococcal disease in Navajo adults. *J. Infect. Dis.* 188:81-89.
94. McMahon, B.J., Hennessy, T.W., Bensler, M., Bruden, D.L., Parkinson, A.J., Morris, J.M., Reasonover, A.L., Hurlbert D.A., Bruce, M.G., Sacco, F., Butler, J.C. 2003. The relationship among previous antimicrobial use, antimicrobial resistance, and treatment outcomes for *Helicobacter pylori* infections. *Ann. Inter. Med.* 139: (6), 463-469.
95. Watt, P.J., O'Brien, K.L., Benin, A.L., Whitney C.G., Robinson, K., Parkinson, A.J., Reid, R., Santosham, M. 2004. Invasive pneumococcal disease among Navajo adults. *Clin Infect Dis.* 38 (4):496-501.
96. Baggett, H.C., Hennessy, T.W., Rudolph K., Bruden, D., Reasonover A., Parkinson A.J., Sparks, R., Donlan, R.M., Martinez, M., Mongkolrattanothai, K., Butler J.C. 2004. Community-onset methicillin-resistant *Staphylococcus*, associated with antibiotic use and cytotoxin panton-valentine leukocidin during a furunculosis outbreak in rural Alaska. *JID* 189(9); 1565-1573.
97. O'Brien K.L., Shaw J., Weatherholtz R., Reid R., Watt J., Croll J., Dagan R., Parkinson A.J., Santosham M. 2004. Epidemiology of invasive *Streptococcus pneumoniae* among Navajo children in the era before use of conjugate pneumococcal vaccines, 1989-1996. *Am J Epidemiol* 160:270-8.
98. Petersen, K.M., Bulkow, L.R., McMahon, B.J., Zanis, C., Getty, M., Peters, H., Parkinson. 2004. Duration of Hepatitis B immunity in low risk children receiving Hepatitis B vaccinations from birth. *Pediatric Infectious Dis J.* 23(7): 650-655.
99. Moore, M.R., Hyde, T.B., Hennessey, T.W., Parks, D.J., Reasonover, A.L., Harker-Jones, M., Gove, J., Bruden, D.L., Rudolph, K., Parkinson, A.J., Butler J.C., Schuchat, A. 2004. Impact of a conjugate vaccine on community-wide carriage of non-susceptible *Streptococcus pneumoniae* in Alaska. *J. Infect. Dis* 190:2031-2038.
100. Gessner, G.D., Baggett, H.C., Muth, P.T., Dunaway E., Gold, B.G., Ziding, F., Parkinson, A.J. 2005. A household-randomized controlled open-label trial of the effect of *Helicobacter pylori* treatment on iron deficiency among children in rural Alaska. *J. Infect. Dis* In Press .
101. Morris J.M., Reasonover, A.L., Bruden D.L., Bruce, M.G., McMahon, B.J., Sacco, F.D., Berg, D.E., Parkinson, A.J. 2005. Evaluation of a rapid fluorescent in-situ hybridization test (seaFAST), for detection of *H.pylori* and resistance to clarithromycin in paraffin embedded biopsy sections. *J. Clin. Microbiol.* 7: 3494-3496.
102. McMahon, B.J., Bruce, M.G., Hennessy T.W., Bruden D.L., Sacco, F., Hurlbert, D.A., Morris J.M., Reasonover A.L., Dailide G., Berg, D.E., Parkinson A.J. 2005. Reinfection after successful eradication of *Helicobacter pylori*: A two year prospective study in Alaska Natives. Submitted *Am J. Gastroenterology* January 2005.
103. Baggett, H.C., Parkinson A.J., Muth, P., Gold, B.D., Gessner, B.D. 2005. Endemic Iron Deficiency Associated with *Helicobacter Pylori* Infection Among School-Age Children in Alaska. *Pediatrics* In Press
104. Chimonas M.R., Baggett H.C., Parkinson A.J., Muth P.T., Dunaway E., Gessner B.D. 2005. Asymptomatic *Helicobacter pylori* infection and iron deficiency are not associated with decreased growth among Alaska

Native children aged 7–11 years. Submitted to J Ped Gastro Enterol Nutr.

105. Gessner BD, Bruce MG, Parkinson AJ, Gold BD, Muth PT, Dunaway E, Baggett HC. 2005 A randomized trial of triple therapy for pediatric *Helicobacter pylori* infection and risk factors for treatment failure in a population with a high prevalence of infection. *Clin Infect Dis*. 41(9) 1261-1268
106. Bruce, M., Parkinson, A, Gessner, B. 2005. Does delayed testing of urea breath test samples effect results. *Digestion*, 71:261.
107. Dentinger CM, McMahon BJ, Butler JC, Dunaway CE, Zanis CL, Bulkow LR, Bruden DL, Nainan OV, Christova ML, Hennessy TW, Parkinson AJ. 2005. Persistence of Antibody to Hepatitis B and Protection from Disease Among Alaska Natives Immunized at Birth. *Pediatr Inf Dis J*. 24(9) 786-798.
108. Hammit LL, Block S, Hennessy TW, DeByle C, Peters H, Parkinson AJ, Singleton RJ, Butler JC. Outbreak of Invasive *Haemophilus influenzae* Serotype a Disease. *Pediatr Inf Dis J* 2005;5:453-456.
109. Hennessy TW, Singleton RJ, Bulkow LR, Bruden DL, Hurlburt DA, Parks DJ, Moore M, Parkinson AJ, Schuchat A, Butler JC. Impact of heptavalent pneumococcal conjugate vaccine on invasive disease, antimicrobial resistance and colonization in Alaska Native: progress towards elimination of a health disparity. *Vaccine*, 2005, 23: 5464-5473.
110. Parkinson AJ, Butler JC. 2005. Potential Impacts of Climate Change on Infectious Diseases. *Int. J. Circumpolar Health*. 64(5) 478-486
111. Singleton RJ, Hammit LL, Hennessy TW, Bulkow LR, DeByle C, Parkinson AJ, Cottle TE, Peters H, Butler, JC. The Alaska *Haemophilus influenzae* type b experience: lessons in controlling a vaccine-preventable disease. *Pediatrics* 2006. 118 (2) e412-e429.
112. Dentinger CM, Hennessy TW, Bulkow LR, Reasonover AL, Romero-Steiner S, Holder P, Comes de Leon P, Carlone GM, Parks DJ, Parkinson AJ, Singleton RJ, Levine OS, Butler JC. Immunogenicity and reactogenicity to *Haemophilus influenzae* type b (Hib) conjugate vaccine among rural Alaska adults. *Human Vaccines* 2006. In Press.
113. Baggett HC, Hennessy TW, Bulkow LR, Steiner SR, Hurlburt DA, Holder P, Parkinson AJ, Singleton RJ, Levine O, Carlone GM, Butler JC. Immunologic response to *Haemophilus influenzae* type b (Hib) conjugate vaccine and risk factors for carriage among Hib carriers and non-carriers in Southwestern Alaska. *Clinical Vaccine and Immunology* 2006. 13;(6) 620-626
114. Bruce MG, Bruden DL, McMahon BJ, Hennessy TW, Reasonover A, Morris J, Hurlburt DA, Peters HV, Sacco F, Martinez P, Swenson M, Berg DE, Parks D, Parkinson AJ. Alaska Sentinel Surveillance for Antimicrobial Resistance in *Helicobacter pylori* Isolates from Alaska Native Persons, 1999-2003. *Helicobacter* 2006;11:581-88.
115. McMahon BJ, Bruce MG, Hennessy TW, Bruden DL, Sacco F, Peters H, Hurlburt DA, Morris JM, Reasonover AL, Dailide G, Berg DE, Parkinson AJ. Reinfection after successful eradication of *Helicobacter pylori*: a 2-year prospective study in Alaska Natives. *Alimentary Pharmacology & Therapeutics*. 2006;23:1215-1223.

116. Singleton RJ, Butler JC, Bulkow LR, Hurlburt DA, O'Brien KL, Doan W, Parkinson AJ, Hennessy TW. Invasive pneumococcal disease epidemiology and effectiveness of 23-valent pneumococcal polysaccharide vaccine in Alaska Native Adults. *Vaccine* 2007;25:2288-95.
117. DiGirolamo A, Parkinson AJ. *Helicobacter pylori*, Anemia, and Iron Deficiency: Relationships Explored among Alaska Native Children. *Pediatr Inf Dis J* 2007; 26(10) 1-8
118. Miernyk KM, Bruden DL, Bruce MG, McMahon BJ, Hennessy TW, Peters HV, Hurlburt DA, Sacco F, Parkinson AJ. Dynamics of *Helicobacter pylori*-Specific Immunoglobulin G for 2 Years after Successful Eradication of *Helicobacter pylori* Infection in an American Indian and Alaska Native Population. *Clin Vaccine and Immunology* 2007;14(1) 85-86.
119. Carothers JJ, Bruce MG, Hennessy TW, Bensler M, Morris JM, Reasonover AL, Hurlburt DA, Parkinson AJ, Coleman JM, McMahon BJ. The Relationship between Previous Fluoroquinolone Use and Levofloxacin Resistance in *Helicobacter pylori* Infection. *Clin Infectious Diseases* 2007;44:000-000.
120. Lynn TV., Bruce BG., Landen M., Beller M., Bulkow L., Parkinson AJ. 2007. *Helicobacter pylori* among non-Native Educators in Alaska. *Int. J. Circumpolar Health* 66;(2) 135-143
121. Parkinson A, Orr P, Murphy N. International Polar Year: Arctic Human Health Initiative. *Inter J. Circumpolar Health* 2006; 65(4): 284-289.
122. Singleton RJ, Hennessy TW, Bulkow LR, Hammitt LL, Zulz TE, Hurlburt DA, Butler JC, Rudolph KM, Parkinson AJ. Invasive Pneumococcal Disease Caused by Nonvaccine Serotypes Among Alaska Native Children with High Levels of 7-Valent Pneumococcal Conjugate Vaccine Coverage. *JAMA* 2007;297:1784-92.
123. Parkinson, AJ., The International Polar Year, 2007-2008., An opportunity to focus on Infectious Diseases in Arctic regions. *Emerg. Infect Dis J.* 2008. 14 (1) 1-3.
124. Parkinson, AJ., Bruce MG, Zulz T. International Circumpolar Surveillance, an Arctic network for surveillance of infectious diseases. 2008. *Emerg. Infect Dis J.* 2008. 14 (1) 18-24.
125. Bruce, MG., Deeks, SL., Zulz, T., Druden, D., Navarro C., Lovegren, M., Jette, L., Kristinsson, K, Sigmundsdottir, G., Jensen, KB., Lovoll, O., Nuorti JP., Herva E., Nystedt, A., Sjostedt, A., Koch., Hennessey TW., Parkinson, AJ. International Circumpolar Surveillance for invasive pneumococcal disease, 1999-2005. *Emerg. Infect Dis J.* 2008. 14 (1) 25-33.
126. Bruce, MG., Deeks, SL., Zulz, T., Navarro, C., Palacios, C., Case, C., Hemsley C., Hennessy, T., Corriveau, A., Larke, B., Sobel, I., Lovegren M., DeByle C., Tsang R., Parkinson AJ. Epidemiology of *Haemophilus influenzae* serotype a, North American Arctic 200-2005. *Emerg. Infect Dis J.* 2008. 14 (1) 48-55
127. Parkinson, AJ., Hassi, J. International Polar Year and Arctic Public Health Initiative. *Russian Journal Human Ecology.* Issue No. 2, 2008. [In Russian].
128. Park, SY., Moore MR., Bruden DL., Hyde TB., Reasonover AL., harker-Jones, M., Rudolph, KM., Hurlburt DA., Parks, DJ., Parkinson AJ., Schuchat A., Hennessy TW. Impact of Conjugate Vaccine on transmission of antimicrobial-resistant *Streptococcus pneumoniae* among Alaskan children. *Ped. Infect. Dis. J.* 2008. 27(4) 335-340
129. Lacapa R., Bliss SJ., Larzelere-Hinton F., Eagle KJ., McGinty DJ., Parkinson AJ., Santosham M., Craig MJ., O'Brien KL. Changing epidemiology of invasive pneumococcal disease among the White Mountain

Apache persons in the era of pneumococcal conjugate vaccine. *Clin. Infect Dis* 2008 (accepted)

130. Parkinson AJ. *Climate Change and Infectious Diseases: the Arctic Environment*. IOM 2008
- 131.

Abstracts:

1. Parkinson, A.J., Kalmakoff, J., and Muchmore, H.G.: Standardization of radioimmunoassay for the detection of Herpes Simplex virus specific IgG and IgM. Amer. Soc. Microbiol. New Orleans, LA, May 1977.(ISSN 067 2777). Abstract No. E84 p95.
2. Muchmore, H.G., Parkinson, A.J., Dick, E.C., Scott, L.V., and Miles, J.A.R.: Recovery of human viruses at the South Pole using cell cultures in the field. Amer. Soc. Microbiol. New Orleans, LA, May 1977. (ISSN 067 2777). Abstract No. S47 p353.
3. Muchmore, H.G., Parkinson, A.J., McConnell, T.A., Scott, L.V., and Miles, J.A.R.: Parainfluenzavirus infections late in isolation at the South Pole. Amer. Soc. Microbiol. Las Vegas, NV, May 1978. (ISSN 067 2777). Abstract No. C43 p284.
4. Parkinson, A.J., Kalmakoff, J., and Muchmore, H.D.: Measurement of the affinity constant of labeled antibody as used in solid-phase radioimmunoassay. Amer. Soc. Microbiol. Las Vegas, NV, May 1978. (ISSN 067 2777). Abstract No. E102 p59.
5. Parkinson, A.J., Muchmore, H.G., Humphries, J.E., Cooney, M.K., Scott, E.N., Scott, L.V., and Miles, J.A.R.: Persistent parainfluenzavirus infection during isolation at South Pole Station, Antarctica. Amer. Soc. Microbiol. Miami Beach, FL, May 1980. Abstract No. C-72 p286.
6. Parkinson, A.J., Scott, E.N., and Muchmore, H.G.: Comparison of a solid-phase enzyme immunoassay and radioimmunoassay using a double labeled enzyme-¹²⁵I antibody. Amer. Soc. Microbiol. Dallas, TX, March 1981. (ISSN 067 2777). Abstract No. C120 p284.
7. Jensen, H.G., Parkinson, A.J., and Scott, L.V.: Persistent infections with human parainfluenzavirus type 3 in four cell lines. Amer. Soc. Microbiol. Dallas, TX, March 1981. (ISSN 067 2777). Abstract No. T134 p258.
8. Parkinson, A.J., Muchmore, H.G., and Scott, E.N.: Persistent parainfluenzavirus shedding by subjects isolated at South Pole Station: The role of immune and non immune substances. Proc. Int. Symposium. Med. Virology. Anaheim, CA, August 1981. Elsevier North Holland Publishing Company.
9. Scott, E.N., Muchmore, H.G., and Parkinson, A.J.: Enzyme and radioimmunoassay in human sporotrichosis. VIII Congress International Symposium on Human and Animal Mycology. Massey University, Palmerston, North New Zealand, February 1982.
10. Parkinson, A.J., Muchmore, H.G., Scott, E.N., and Scott L.V.: Decline in specific and nonspecific secretory immune substances in subjects isolated at South Pole Station, Antarctica. Amer. Soc. Microbiol. Atlanta, GA, March 7-12, 1982. (ISSN 067 2777). Abstract No. E18 p63.
11. Muchmore, H.G., Scott, E.N., Parkinson, A.J., and Scott, L.V.: Decline in granulocyte and lymphocyte functions in individuals during South Pole winter isolation. Amer. Soc. Microbiol. Atlanta, GA, March 7-12, 1982. (ISSN 067 2777). Abstract No. E19 p63.
12. Jensen, H.G., Parkinson, A.J., and Scott, L.V.: Characterization of persistent human parainfluenzavirus type 3 infections in Hep-2 and Minn EE cells. Amer. Soc. Microbiol. Atlanta, GA, March 7-12, 1982. (ISSN 067 2777). Abstract No. T9 p251.
13. Parkinson, A.J., Muchmore, H.G., Scott, E.N., and Scott, L.V.: Survival of human parainfluenzaviruses in the South Polar environment. Amer. Soc. Microbiol. New Orleans, LA, March 7-10, 1983. (ISSN 067 2777). Abstract No. T45 p303.

14. Muchmore, H.G., Parkinson, A.J., Scott, E.N., and Scott, L.V.: Respiratory infections during winter isolation at the South Pole. *Amer. Soc. Microbiol. New Orleans, LA, March 7-10, 1983. (ISSN 067 2777). Abstract No. T44 p303.*
15. Jensen, H.G., Parkinson, A.J., Scott, L.V., and Muchmore, H.G.: Evolution of a temperature sensitive mutant of parainfluenzavirus type 3 in two persistently infected human cell lines. *Amer. Soc. Microbiol. New Orleans, LA, March 7-10, 1982. (ISSN 067 2777). Abstract No. T42 p303.*
16. Parkinson, A.J., Muchmore, H.G., Scott, E.N., and Scott, L.V.: Respiratory virus ecology of isolated Antarctic Communities. *Abstracts of Pacific Science Association 15th Congress. University of Otago, Dunedin, New Zealand, February 1-11, 1983. Volume 2 p183.*
17. Parkinson, A.J., Muchmore, H.G., Scott, E.N., Cooney, M.K., and Scott, L.V.: Rhinovirus respiratory tract infections during isolation at the South Pole. *Accepted for presentation. Amer. Soc. Microbiol. St. Louis, MO, March 4-7, 1984.*
18. Scott, E.N., Muchmore, H.G., and Parkinson, A.J.: Killing of *Sporothrix schenckii* by human peripheral neutrophils. *Accepted for presentation. Amer. Soc. Microbiol. St. Louis, MO, March 4-7, 1984.*
19. Parkinson, A.J., and Heyward, W.L.: High incidence of Streptococcal pneumoniae disease in Alaskan Eskimos. *Interscience Conference on Antimicrobial Agents and Chemotherapy. Minneapolis, MN, September 29 - October 2, 1985.*
20. Parkinson, A.J., Heyward, W.L., Facklam, R.R., and Oxtoby, M.J.: Partial penicillin resistance of Streptococcal pneumoniae isolates recovered from Alaskan Eskimos. *Interscience Conference on Antimicrobial Agents and Chemotherapy, New Orleans, LA, September 28 - October 1, 1986.*
21. Davidson, M., Schraer, C.D., Parkinson, A.J., Wainwright, R.B., Facklam, R.R., and Lanier, A.P.: Invasive pneumococcal disease in an Alaskan Native population. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*
22. McMahon, B.J., Helminiak, C., Parkinson, A.J., Wainwright, R.B., Hall, D.B., Kellerman, A.I., Ritter, D., and Lanier, A.P.: Effects of hepatitis B vaccine in patients positive for antibody to hepatitis B core antigen only. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*
23. Helminiak, C., McMahon, B.J., Wainwright, R.B., Parkinson, A.J., Tong, M.J., Peterson, K., and Kane, M.A.: Perinatal transmission of hepatitis B virus (HBV) in Alaskan Native babies: Correlation with mother HBV-DNA status and results of passive/active immunization. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*
24. Knutson, L.R., Cruz, A.L., Parkinson, A.J., Hall, D.B., and Heyward, W.L.: Associations of early childhood infections and hemoglobin level of Alaskan Eskimo children I: A cohort analysis. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*
25. Hall, D.B., Knutson, L.R., and Parkinson, A.J.: Association of early childhood infections and hemoglobin levels of Alaskan Eskimo children II: An etiologic analysis. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*
26. Cruz, A.L., Parkinson, A.J., Heyward, W.L., Hall, D.B., and Knutson, L.R.: High dietary consumption of omega 3 polyunsaturated fatty acid among Alaskan Eskimos. *International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.*

27. Parkinson, A.J., Davidson, M., Heyward, W.L., Facklam, R.R., and Oxtoby, M.J.: Partial penicillin resistance of *Streptococcus pneumoniae* isolate recovered from Alaskan Eskimo. International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.
28. Wainwright, R.B., Hall, D.B., McMahon, B.J., Parkinson, A.J., Lanier, A.P., and Heyward, W.L.: Long term immunogenicity and efficacy of HBV vaccine in Yupik Eskimo. International Congress on Circumpolar Health. Umea, Sweden, June 8-12, 1987.
29. McMahon, B.J., Helminiak, C., Parkinson, A.J., Wainwright, R.B., Hall, D.B., Kellerman, A.J., Ritter, D., and Lanier, A.P.: Effect of hepatitis B vaccine in patients positive for antibody to hepatitis B core antigen only. Amer. Assoc. Study of Liver Disease. Hepatology. 7(5):1025. 1987.
30. Pollack, H., Parkinson, A.J., Tomasz, A., and Tuomanen, E.: A new lysis resistant property in clinical isolates of pneumococci. Interscience Conference on Antimicrobial Agents and Chemotherapy. New York, NY, October 4-7, 1987.
31. Davidson, M., Parkinson, A.J., Schraer, C.D., Campbell, J.F., Facklam, R.R., Wainwright, R.B., and Lanier, A.P.: Invasive pneumococcal disease in Alaskan Native population, 1980-1986. Interscience Conference on Antimicrobial Agents and Chemotherapy. New York, NY, October 4-7, 1987.
32. Parkinson, A.J., McMahon, B.J., and Fitzgerald, M.A.: The significance of antibody to hepatitis B core antigen as the only marker of hepatitis B infection: A laboratory study. Amer. Soc. Microbiol. Miami Beach, FL, May 8-13, 1988.
33. Parkinson, A.J., Davidson, M., and Rabiego, M.: Enzyme immunoassay for the detection of pneumococcal C polysaccharide in sputum from patients with presumptive pneumococcal pneumonia. Interscience Conference on Antimicrobial Agents and Chemotherapy. Los Angeles, CA, October 24-26, 1988.
34. McMahon, B.J., Wainwright, K., Bulkow, L., Parkinson, A.J., Wainwright, R.B., and Helminiak, C.: Response to hepatitis B vaccine in Alaskan Natives with chronic alcoholism compared with non-alcoholic controls. American Association for the Study of Liver Diseases. Chicago, IL, November 7-8, 1988.
35. Parkinson, A.J., and Fitzgerald, M.A.: Intermediate penicillin and chloramphenicol resistance of invasive *Streptococcal pneumoniae* isolates recovered from Alaska Natives. Amer. Soc. Microbiol. New Orleans, LA, May 14-18, 1989.
36. Parkinson, A.J., Clift, S., Rabiego, M.G., and Davidson, M.: Detection of pneumococcal C polysaccharide by enzyme immunoassay in Alaskan Native children. Interscience Conference on Antimicrobial Agents and Chemotherapy. Houston, TX, September 17-20, 1989.
37. Davidson, M., Parkinson, A.J., Bulkow, L., Fitzgerald, M.A., and Facklam, R.: Invasive pneumococcal disease - Alaska 1986-1988. Evidence of ethnic differences in disease rate, and antibiotic sensitivities. Interscience Conference on Antimicrobial Agents and Chemotherapy. Houston, TX, September 17-20, 1989.
38. Davidson, M., Parkinson, A.J., Schnitzer, P., Bulkow, L., and Lanier, A.: A case control study of cervical dysplasia in a high risk population of Alaska Native women. J. Cell. Biochem. Supplement. 13C185. 1989.
39. Davidson, M., Parkinson, A.J., Schloss, M., Knight, J., Murphy, C., Schnitzer, P., Toomey, K., and Kiviat, N.: Prevalence of cervical infections with human papillomavirus (HPV) in Alaska Native women. Interscience Conference on Antimicrobial Agents and Chemotherapy. Atlanta, GA, October 21-24, 1990.

40. Davidson, M., Parkinson, A.J., Bulkow, L.R., and Fitzgerald, M.A.: Noninvasive pneumococcal isolates (NIP) antimicrobial susceptibilities as a predictor of invasive pneumococcal isolate resistance in Alaska Natives. Interscience Conference on Antimicrobial Agents and Chemotherapy. Atlanta, GA, October 21-24, 1990.
41. Gellin, B.G., Davidson, M., Bulkow, L.R., Parks, D.J., and Parkinson, A.J.: Haemophilus influenzae (Hi) diseases in Alaska: Beyond the childhood epidemic. Interscience Conference on Antimicrobial Agents and Chemotherapy. Atlanta, GA, October 21-24, 1990.
42. Rudolph, K.M., and Parkinson, A.J.: Enzyme linked immunoassay for the quantitation of antibodies to pneumococcal capsular polysaccharides. Amer. Soc. Microbiol. New Orleans, LA, 1992.
43. Crain, M.J., Zhengfang, L., Parkinson, A.J.: Variability of pneumococcal surface protein A (PsPa) among Alaska Isolates of Streptococcus pneumoniae capsular serotype 6B. Amer. Soc. Microbiol. New Orleans, LA, 1992.
44. Rudolph, K.M., Parkinson, A.J., Black, C.M., and Mayer, L.W.: Evaluation of the polymerase chain reaction for the detection of pneumococcal pneumonia. Amer. Soc. Microbiol. Atlanta, GA, 1993.
45. Ussery, X., Gessner, B., Tein, P., Elliot, J., Parkinson, A.J., Lipman, M., Davidson, M., and Breiman, R.: Spread of a drug resistant Streptococcus pneumoniae strain in Alaska Native children. Interscience Conference on Antimicrobial Agents and Chemotherapy. New Orleans LA, October 17-20, 1993.
46. Petersen, K., Parkinson, A.J., McMahon, B.J., Wainwright, R.B., Getty, M., Peters, H., and Zanis, C.: Antibody persistence and response to boosters nine years after infant vaccination with hepatitis B vaccine. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Francisco, CA, September 17-20, 1995.
47. Miernyk, K.M., Rudolph K.R., Parkinson, A.J., Petersen K., Bulkow, L.R., Ward J.I., Greenberg D.P., Response to pneumococcal polysaccharide conjugate vaccine in Alaska Native and non Native infants <2 years of age. Infectious Disease Society. New Orleans LA, September 18-20, 1996.
48. Parkinson, A.J., Gold, B.D., Bulkow, L., Khanna, B., Wainwright, R.B. 1996. High prevalence of *Helicobacter pylori* specific IgG in serum from Alaska Natives. Proceedings of the European *Helicobacter pylori* Study Group. Copenhagen Denmark October 16-19. Gut 39; S2 pA85.
49. Rudolph, K.R., Parkinson, A.J., Roberts, M.C. 1997. Analysis of *Streptococcus pneumoniae* serotype 6B isolates from selected areas of the United States by pulsed field gel electrophoresis. Interscience Conference on Antimicrobial Agents and Chemotherapy. Toronto, Canada, September 28-October 1.
50. Reasonover, A., Parkinson, A.J., Parks, D., Bulkow, L., McMahon, B., Sacco, F. 1999. Decreased antibiotic susceptibilities to metronidazole and clarithromycin in clinical isolates of *Helicobacter pylori* recovered from Alaska Natives. Amer. Society for Microbiology. May 30-June 3 Chicago II.
51. Lucher, L.A., Hennessy, T., Levine, O., Popovic, T., Reeves, M.W., Rosenstein, N., Parkinson, A.J. 1999. Sub-typing of Haemophilus influenzae type b (Hib) isolates from Alaskans by pulsed field gel electrophoresis (PFGE) and multi locus enzyme electrophoresis (MEE). Amer. Society for Microbiology. May 30-June 3 Chicago II.
52. Parkinson, A.J., McMahon, B.J., Bulkow, L., Hennessy, T., Sacco, F., Hurlburt, D., Reasonover, A., Hamlin, C., Morris, J. 1999. Decreased *Helicobacter pylori* antibiotic susceptibilities and treatment

- failure in Alaska Native patients. Proceedings of the European *Helicobacter pylori* Study Group. Helsinki Finland September 2-4. Gut 45; S3 pA15.
53. Parkinson, A.J., Rudolph, K.R., Reasonover, A., Bulkow, L.R., Butler, J.C. 2000. Surveillance of invasive pneumococcal disease in the US Arctic and sub Arctic: Alaska 1986-1998. Clin. Microbiol. Infect. 6 (S1) p37.
 54. Bell, A, Lovgren, M., Jette, L.P., Reasonover, A., Parkinson, A.J. Pneumococcus in the North American Arctic. 2000. Clin. Microbiol. Infect. 6 (S1) p198.
 55. Parkinson, A.J., Perdue, D.G., Bulkow, L.R., Gellen, B.G., Petersen, K.M., Davidson, M., Singleton, R.J. 1999. Invasive *Haemophilus influenzae* type b disease in Alaskan Adults 1980-1996: Impact of infant vaccination on adult morbidity. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Francisco, CA, September 26-29, p 381.
 56. Butler, J.C., Bulkow, L.R., Parks, D.J., Parkinson, A.J. 1999. Epidemiology of pneumococcal bacteremia and meningitis during the first 5 years of life in Alaska: Implications for conjugate pneumococcal vaccine use. Interscience Conference on Antimicrobial Agents and Chemotherapy San Francisco, CA, September 26-29, p 672.
 57. O'Brien, K.L., Croll, J., Parkinson, A.J., Reid, R., Santosham, M.. 1999. Active laboratory based surveillance for invasive *Streptococcus pneumoniae* (pneumococcus) among Navajo people in the American Southwest, 1989-1996. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Francisco, CA, September 26-29, p 678.
 58. Rudolph, K.R., Parkinson, A. J., Bulkow, L.R., Reasonover, A., Butler, J.C.. 1999. Serotype distribution and antimicrobial resistance patterns of invasive isolates of *Streptococcus pneumoniae*: Alaska 1991-1997. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Francisco, CA, September 26-29, p 149.
 59. Petersen, K., Hennesey, T., Parkinson, A.J., Bruden D., Chiou, L., Kokesh J., Schwartz B., Butler, J.C. Provider and community education decreases antimicrobial use and carriage of penicillin-resistant *Streptococcus pneumoniae* (PRSP) in rural Alaska Communities. Infectious Disease Society of America. New Orleans LA, November 1999.
 60. Parkinson, A.J., Butler J.C., Walker, F., Bulkow, L.R., McMahon, B.J., Singleton, R.J.. Reduction in rates of invasive pneumococcal disease among Alaska Natives ≥ 55 years of age: impact of 23 valent pneumococcal polysaccharide vaccine programs. International Symposium on Pneumococci and Pneumococcal Diseases Johannesburg South Africa March 2000.
 61. Miernyk, K.M., Parkinson A.J., Rudolph, K.M., McMahon, B.J., Bulkow L.R., Davidson M., Wainwright, K. Immunogenicity of two doses of the 23-valent pneumococcal polysaccharide vaccine in Alaska Native alcoholics. International Symposium on Pneumococci and Pneumococcal Diseases Johannesburg South Africa March 2000.
 62. Rudolph, K.M., Parkinson, A.J., Roberts, M.C. Genetic mechanisms of erythromycin and trimethoprim resistance in the Alaska *Streptococcus pneumoniae* serotype 6B clone. International Symposium on Pneumococci and Pneumococcal Diseases Johannesburg South Africa March 2000.
 63. Hennesey, T., Petersen, K., Parkinson, A.J., Hamlin, C., Chiou, L., Bruden, D., Kokesh J., Schwartz B., Butler J.C. Education decreases carriage of penicillin-resistant *Streptococcus pneumoniae* (PRSP) in rural Alaska communities. International Symposium on Pneumococci and Pneumococcal Diseases Johannesburg South Africa March 2000.

64. McMahon, B.J., Bruden D.A., Petersen K.M., Bulkow, L.R., Parkinson, A.J. Immunogenicity and duration of protection of protection of hepatitis B vaccine: results of a 15 year follow-up. International Symposium on Viral Hepatitis and Liver Diseases. Atlanta, GA, April 2000.
65. Bell, A., Lovgren, M., Jette, L.P., Reasonover A., Parkinson, A.J. Pneumococcus in the North American Arctic. European Congress of Clinical Microbiology and Infectious Diseases. Stockholm, Sweden, May 2000.
66. Parkinson, A.J., Rudolph, K.M., Reasonover, A., Bulkow, L.R., Butler J.C. Surveillance of invasive pneumococcal disease in the US Arctic and sub-Arctic (Alaska) 1996-1998. European Congress of Clinical Microbiology and Infectious Diseases. Stockholm, Sweden, May 2000.
67. Bell, A., Spika J.S., Parkinson A.J. International Circumpolar Surveillance(ICS); North America and Beyond. International Congress on Circumpolar Health, Harstad Norway June 2000.
68. Parkinson, A.J., Reasonover A., Parks, D., Bulkow L.R., McMahon, B.J., Sacco, F. *Helicobacter pylori* infection in Alaska Natives: Antibiotic resistance complicates treatment in a population with high rates of infection. International Congress on Circumpolar Health, Harstad Norway June 2000.
69. Parkinson, A.J., Rudolph, K.M., Reasonover A., Bulkow L.R. Pneumococcal disease in Native and non Native residents of the US Arctic and sub-Arctic; (Alaska) 1986-1998. International Congress on Circumpolar Health, Harstad Norway June 2000.
70. Parkinson, A.J., Bell, A., Butler J.C., Spika J. International surveillance of emerging infectious diseases: The Arctic Council Connection. International Conference on Emerging Infectious Diseases, Atlanta GA, July 2000.
71. Bell, A., Lovgren, M., Jette, L.P., Reasonover, Al., Parkinson A.J., Establishing surveillance of invasive *Streptococcus pneumoniae* across Arctic North America: International Circumpolar Surveillance (ICS). International Conference on Emerging Infectious Diseases, Atlanta GA, July 2000.
72. Bell, A., Spika, JS., Stenz, F., Parkinson, AJ. Invasive Bacterial Disease Surveillance in the Arctic: International Circumpolar Surveillance. 11th European Congress on Clinical Microbiology and Infectious Diseases Istanbul, Turkey April 1-4, 2001.
73. Parkinson A.J., A.Bell, J. Spika, F. Stenz. International Circumpolar Surveillance: invasive bacterial disease surveillance in the Arctic. International Conference on Emerging Infectious Diseases, Atlanta GA. March 2002.
74. Bruce M.G., Hennessy, T.W., McMahon, B.J., Sacco, F.D., Reasonover, A.L., Marris, J.M., Parks D.J., Hurlburt, D.A., Hamlin, C.E., Parkinson, A.J. High frequency of metronidazole and clarithromycin resistance in *Helicobacter pylori* isolates from Alaska Natives. International Conference on Emerging Infectious Diseases, Atlanta GA. March 2002.
75. Bruce, M.G., A. Bell, K. Walldrep, D.J.Parks, J. Spika, M. Lovegren, L.Jette, A.J.Parkinson. Use of the International Circumpolar Surveillance system for population based surveillance of invasive pneumococcal disease in Alaska and northern Canada. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002
76. Parkinson, A.J., J. Spika, F. Stenz. Establishing an International Circumpolar Surveillance system for invasive pneumococcal disease: Public Health Partnerships and Politics. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.

77. Reasonover, A., Lovegren, M., L.P. Jette, A.J. Parkinson. International Circumpolar Surveillance: An International Inter-Laboratory Quality Control Program for *Streptococcus pneumoniae*. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
78. Rudolph, K., A.J.Parkinson, D. Bruden, T. Hyde M.Moore, T. Hennessey. Serotype and antimicrobial susceptibility of nasopharyngeal pneumococci in Alaskan Children 2000-01. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
79. DeByle, C.K., K.M. Rudolph, A.L. Reasonover, A.J.Parkinson. Multiplex PCR for unequivocal identification of *Streptococcus pneumoniae*. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
80. Hennessy, T., D. Bruden, J. Butler, K. Petersen, D. Hurlburt, A. Reasonover, L.Bulkow, A. Parkinson, B. Swartz. Does education about appropriate antibiotic use or a higher dose of amoxicillin affect penicillin-non susceptible *Streptococcus pneumoniae* carriage? Alaska 1998-2001. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002
81. Bruden, D, Hennessy, J. Butler, A.J.Parkinson, M. Harker-Jones, A. Reasonover, D. Parks, D. Hurlburt, L.Bulkow. Penicillin resistance and antibiotic usage in relation to serotype distribution of *Streptococcus pneumoniae* carriage isolates in Alaska Villages. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002
82. Debyle, C.K., K.M. Rudolph, A.L.Reasonover, M.A. Harker Jones, T.W.Hennessy, D.L. Briden, A.J.Parkinson. Characterization of non susceptible pneumococcal nasopharyngeal isolates by pulsed-field-gel-electrophoresis. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
83. Rudolph, K.M., T.W.Hennessy, A.J.Parkinson. Molecular epidemiology of multi-drug resistant serotype 9V pneumococcal isolates in Alaska. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
84. Bruden, D.L., T.Hennessy, J. Butler, A.J.Parkinson, D. Hurlburt, A. Reasonover, D. Parks, L.Bulkow. The cycle of penicillin non-susceptible *Streptococcus pneumoniae* carriage in rural Alaska. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
85. Hennessy, T., D. Bruden, J. Butler, A.J.Parkinson, D. Parks, A. Reasonover, D. Hurlburt, L. Bulkow. Carriage of penicillin-resistant *Streptococcus pneumoniae* in relation to individual and community wide antibiotic use. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
86. Baggett, H.C., J. Butler, D. Bruden, T Hennessy, D. Parks, D. Hurlburt, A.J.Parkinson. Household factors influencing adult carriage of *Streptococcus pneumoniae* among Alaska Natives 2000-2001. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
87. Zanis, C., K. Miornyk, A.J.Parkinson, B.McMahon, K. Wainwright. Quantity, avidity, and functional activity of pneumococcal antibodies after two doses of the 23-valent pneumococcal polysaccharide vaccine in alcoholics and non alcoholics. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
88. Singleton, R., J. Butler, K. Waldrop, L. Bulkow, D. Hurlburt, D. Parks, M. Harker-Jones, A.J.Parkinson. Pneumococcal disease in Alaska children less than 5 years of age 1 year after statewide routine vaccination with the 7-valent pneumococcal conjugate vaccine. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.

89. Moulton, L.H., K.L.O'Brien, R. Weatherholtz, R.Reid, K.Scott, C. Donaldson, A.J.Parkinson, D. Hu, R. Kohberger, I.H.Chang, J.Hackell, G. Siber, M. Santosham. Efficacy of conjugate vaccine and herd immunity: Navajo/Apache trial. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
90. O'Brien, K.L., A. David, J. Benson, K. Moenne, R.Reid, L.Moulton, S. Katz, A.J.Parkinson, R. Weatherholtz, C. Donaldson, J. Hackell, R. Kohberger, G. Siber, M Santosham. The effect of conjugate pneumococcal vaccine on pneumonia and otitis media among Navajo and White Mountain Apache children. International Symposium on Pneumococci and Pneumococcal Diseases, Anchorage AK. May 2002.
91. Rudolph, K., A. Reasonover, M. Harker-Jones, A. Parkinson. Molecular Characterization of Penicillin-Resistant *Streptococcus pneumoniae* (PRSP) Isolates in Alaska, 1993-2000. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Diego, CA, September 27-29, 2002.
92. Levin, S., C. DeByle, M. Harker Jones, A.J.Parkinson, T. Hennessy. Serotype distribution of *Haemophilus influenzae* carriage isolates from a rural Alaska village: Comparison of antisera- and PCR-based typing methods. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Diego, CA, September 27-29, 2002.
93. DeByle, C.K., A.L.Reasonover, T.W.Hennessy, A.J.Parkinson. Evaluation of *Haemophilus influenzae* type b carriage by culture and PCR. Interscience Conference on Antimicrobial Agents and Chemotherapy. San Diego, CA, September 27-29, 2002.
94. Baggett, H.C., K. Rudolph, T.W. Hennessy, A. Reasonover, A.J.Parkinson, C. Hamlin, J.C.Butler. Panton-Valentine Leucocidin (PVL) is associated with methicillin resistance in an outbreak of community-onset *Staphylococcal aureus* skin infections-Alaska. Infectious Disease Society of America Chicago II. October 24-27, 2002.
- 95.

C. Book Chapters:

1. Muchmore, H.G., Scott, E.N., and Parkinson, A.J.: 1993. Human Infectious Diseases. In Antarctic Microbiology. E. Imre Friedman, Editor. John Wiley & Sons, Inc., New York, NY, pp 571-592.

D. Correspondence:

1. McMahon, B.J., and Parkinson, A.J.: 1994. HIV infection and isolated detection of anti -Hbc-Reply. Gastroenterology. 3:106,824.
2. Davidson, M., Parkinson, A.J., Bulkow, L.R., Fitzgerald, M.A., Peters, H.V., and Parks, D.J.: Reply. J. Infect. Dis. 171:1065-1066.
3. McMahon, B.J., Parkinson, A.J. Reply. Hepatitis B vaccination in persons with isolated Hepatitis B core antibodies. 1999 Clin Infect. Dis. 28:932

4. Hennessey, TW., Bruden, D., Petersen, KM., Parkinson, AJ., Hurlbert, D., Getty, M., Butler, JC., Swartz, B., 2002. Effects of High-Dose Amoxicillin on the prevalence of penicillin-resistant *Streptococcus pneumoniae* in rural Alaska. *JAMA*. 287:2078-2079.
5. Bruce, M., Parkinson, A, Gessner, B. 2005. Does delayed testing of urea breath test samples effect results. *Digestion*, 71:261.