

**Curriculum Vitae**  
**Thomas W. Hennessy, M.D., M.P.H.**  
CAPTAIN, US Public Health Service

**Current Position**

Director, Arctic Investigations Program  
National Center for Emerging and Zoonotic Infectious Diseases  
Centers for Disease Control and Prevention (CDC)  
Anchorage, Alaska

**Education**

1997 Masters of Public Health (MPH), - Emory University, Atlanta, Georgia.  
1996- 1998 Preventive Medicine Residency, CDC  
1994- 1996 Epidemic Intelligence Service, CDC  
1987- 1990 Family Practice Residency, Duluth, MN.  
1987 Medical Degree (MD), Mayo Medical School, Rochester, Minnesota.  
1982 Bachelors of Science (BS), Antioch College, Yellow Springs, Ohio.  
1977 Edina East High School, Edina, Minnesota

**Work Experience**

**September 2006 - Present**

**Director**  
**CDC Arctic Investigations Program**  
**National Center for Emerging and Zoonotic Infectious Diseases**  
**Centers for Disease Control and Prevention (CDC)**  
**Anchorage, Alaska**  
**USPHS Commissioned Corps Rank 0-6**

**Duties**

- Provide leadership and overall program management for this CDC Field Station which focuses on prevention of infectious diseases in people of the Arctic and sub Arctic.
- Establish goals, objectives, and priorities and monitor achievements
- Direct, coordinate, and exercise supervisory and management duties over this 33 person staff which includes Epidemiology, Biostatistics, Laboratory and Administrative Teams. Staff includes 6 physician epidemiologists, 2 PhD microbiologists and 2 biostatisticians.
- Represent AIP's scientific and public health expertise at meetings including national, international, tribal and local clinical and public health partners.

**July 1999 – August 2006**

**Chief, Epidemiology Activity,**  
**CDC Arctic Investigations Program**  
**National Center for Infectious Diseases**  
**Centers for Disease Control and Prevention (CDC)**  
**Anchorage, Alaska**  
**USPHS Commissioned Corps Rank 0-6**

**Duties**

- Provide leadership and overall program management to the Epidemiology Activity, Arctic Investigations Program.
- Establish goals, objectives, and priorities for epidemiologic studies and monitor achievements.
- Provide medical and epidemiologic expertise for surveillance, research and outbreak investigations to advance the goals and mission of the Arctic Investigations Program.
- Direct, coordinate, and exercise a full range of supervisory and management duties over an office of epidemiologists (4), research nurses (4) and support staff (1).
- Represent AIP's scientific and public health expertise at meetings including national, international, tribal and local clinical and public health partners.

**March-July 2003**

**Lead, Airport SARS response team  
Ted Stevens International Airport  
Anchorage, Alaska**

**Duties/Accomplishments**

- Led a team to respond to threat of importation of SARS from passengers and crew of international air carriers arriving in Anchorage. No Federal quarantine activity existed in Alaska at this time, so served as the Alaska liaison by providing information about SARS illness and response to passengers, crew and airport personnel. Established a protocol and organized a CDC team that provided 24 hour response to ill passengers, met all incoming international flights from Asia and assisted in the detection and evaluation of a possible SARS case in a Chinese cargo pilot.

**October-November 2001**

**Co-Lead, State and Local Public Health Liaison Team  
National response to intentional release of Anthrax  
Emergency Operations Center  
Centers for Disease Control and Prevention  
Atlanta, GA**

**Duties/Accomplishments**

- Co-led team of epidemiologists and public health advisors who provided assistance to U.S. state and local health departments who were reporting potential cases of illness due to anthrax. Included tracking of investigations, coordination of procurement and testing of laboratory specimens and development/dissemination of guidance.

**September 1998 – Present**

**Physician, Alaska Native Medical Center  
Anchorage, Alaska  
Non-salaried position**

**Duties/Accomplishments**

- Provided medical care in the Urgent Care ambulatory clinic 1998 - 2002
- Provided annual rotation in research to residents in the Pharmacy program, 2000 – 2006
- Provided annual public health lecture and summer internship in research to medical students at University of Washington, WWAMI program, 2000 – 2011
- Serve on the Infection Control Committee since 2005

**July 1998 – July 1999**

**Staff Epidemiologist  
CDC Arctic Investigations Program  
Anchorage, Alaska  
USPHS Commissioned Corps Rank 0-5**

**Duties/Accomplishments**

- Provided medical expertise for scientific and public health projects of the program
- Participated in field research, patient recruitment and protocol development for research studies

**August, 1997 – June, 1998**

**Preventive Medicine Resident  
Foodborne and Diarrheal Disease Branch  
Division of Bacterial and Mycotic Diseases  
National Center for Infectious Diseases  
Centers for Disease Control and Prevention,  
Atlanta, GA  
USPHS Commissioned Corps Rank 0-5**

**Duties/Accomplishments**

- Supported Branch activities in day to day activities such as outbreak investigations, ongoing analysis of FoodNet datasets, public inquiries and support of EIS officers
- Served as a liaison to FightBac!, the Partnership for Food Safety, a public/private effort to promote food safety.

- Served on an EPA advisor panel evaluating an application to use the antimicrobial, gentamicin, as an antibacterial application on fruit trees.
- Modified Foodborne Disease Outbreak Form
- Began Practice Guideline for Infectious Diarrheal Disease, subsequently published.

**July, 1996 – July, 1997**

**Preventive Medicine Resident  
Assigned to Emory University Rollins School of Public Health  
Centers for Disease Control and Prevention  
Atlanta, GA  
USPHS Commissioned Corps Rank 0-5**

**Duties/Accomplishments**

- Completed a Master of Public Health degree in Epidemiology
- Completed thesis entitled, “Are managed care physicians less likely than physicians in private practice to order stool cultures from patients with acute diarrhea?” Subsequently published in Clinical Infectious Diseases, 38 Suppl 3:S203-11, 2004.

**July, 1994 – June, 1996**

**Epidemic Intelligence Service Officer  
Acute Disease Epidemiology Section  
Minnesota Department of Health  
Minneapolis, Minnesota**

**Duties/Accomplishments**

- Served as team member for investigations of acute disease outbreaks which included foodborne and waterborne illnesses (enteric bacteria, norovirus, Cryptosporidiosis), Legionnaire’s Disease, meningococcal meningitis, necrotizing fasciitis due to group A *Streptococcus*, methicillin-resistant *Staphylococcus aureus*, measles.

**Sept, 1990 – June 1994**

**Staff Physician  
Crownpoint Indian Health Service Hospital  
Crownpoint, New Mexico  
USPHS Commissioned Corps Rank 0-4**

**Duties/Accomplishments**

- Served as a family practice physician with clinical duties including outpatient clinic, emergency room, obstetrics and inpatient ward
- Chief of Medical Staff, 1991 – 1994. Handled staff scheduling, quality assurance and preparation for inspections by Joint Commission on Accreditation of Healthcare Organizations
- Clinical provider for Pueblo Pintado Field Clinic
- Participated in Hantavirus Pulmonary Syndrome Outbreak Investigation, 1993

**July, 1987 – June 1990**

**Resident Physician  
Duluth Family Practice Center  
Duluth, Minnesota**

**Duties/Accomplishments**

- Served as a resident physician in family practice with clinical duties including outpatient clinic, emergency room, obstetrics and inpatient services in pediatrics, internal medicine, surgery, intensive care, burn unit and psychiatry.

**Certification and Licensure**

2010	Certification, American Board of Preventive Medicine, 2000 - 2020
2008	Alaska Medical License # 4281, Status-Active

### Awards and Honors

2010	USPHS Outstanding Unit Citation for response to pandemic H1N1 Influenza
2009	CDC Nakano Award winner and Shepard Award nominee for outstanding scientific paper entitled, "Antibody levels and protection after hepatitis B vaccine: results of a 22-year follow-up study and response to a booster dose." Journal of Infectious Diseases, 2009
2008	CDC Nakano Award and Shepard Award nominee for outstanding scientific paper published in 2007, entitled "Invasive Pneumococcal Disease caused by nonvaccine serotypes among Alaska Native children with high levels of 7-valent pneumococcal vaccine coverage." JAMA, April 25.
2006	CDC Nakano Award and Shepard Award nominee for outstanding scientific paper published in 2005 entitled "Impact of heptavalent pneumococcal conjugate vaccine on invasive disease, antimicrobial resistance and colonization in Alaska Natives: progress towards elimination of a health disparity."
2005	CDC Nakano Award winner and Shepard Award nominee for outstanding scientific paper published in 2005 entitled "Community-onset methicillin-resistant <i>Staphylococcus aureus</i> associated with antibiotic use and the cytotoxin Pantone-Valentine leucocidin during a furunculosis outbreak in rural Alaska."
2005	USPHS Outstanding Unit Citation for contributions to the Severe Acute Respiratory Syndrome (SARS) response team.
2005	USPHS Unit Citations (3) for Antimicrobial Resistance Impact Team, Alaska Native Medical Center Pharmacy Residency, and Community onset MRSA outbreak investigation.
2002	Health Service Crisis Response Service Award for participation in national response to bioterrorism-related anthrax, 2001.
2002	PHS Unit Commendation for contributions to the Alaska Native Medical Center Pharmacy Residency Program
2002	PHS Outstanding Unit Citation for the DHHS Terrorist Response Team
2001	Time Health, Inc. Freddie Award. Given to the outstanding health and medical media film entitled, "A helping hand: keeping your family safe from Botulism."
2000	USPHS Commendation Award
1998	USPHS Bicentennial Award
1997	Charles Shepard Award Nominee for outstanding paper entitled "A National Outbreak of <i>Salmonella enteritidis</i> Infections from Ice Cream."
1996	Alexander Langmuir Award for most outstanding paper by an EIS officer entitled "A National Outbreak of <i>Salmonella enteritidis</i> Infections from Ice Cream."
1991	USPHS Isolated Hardship Award given for extended service in a hardship location

### Committee membership and activities

2011 – 12	Scientific Program Chair, 15 <sup>th</sup> International Congress on Circumpolar Health
2008 - present	CDC Graduate Medical Education Committee
2008 - present	Chapter editor, American Academy of Pediatrics, Committee on Infectious Diseases (Red Book)
2001 - 2011	Examination Committee Public Health Specialty Exam, American Board of Preventive Medicine
2005 - Present	Infection Control Committee, Alaska Native Medical Center
2005 - 2007	Search committee, University of Alaska, Masters in Public Health Program for President's Professorship and Tenured Faculty positions.
2005 - 2012	Advisory Board, Master's in Public Health program, University of Alaska
2005- 2006	Conference organizing committee, "2 <sup>nd</sup> Conference on Alaska Native Health Research."
2004- 2005	Conference organizing committee, "Antimicrobial resistance: trends and impact on clinical and public health practice in Alaska", May 2005
2002 - Present	Peer reviewer for the following journals: American Journal of Public Health, Emerging Infectious Diseases, Clinical Infectious Diseases, Journal of Antimicrobial Therapy, Alaska Medicine, Adolescent Medicine
1999- 2005	Antimicrobial Resistance Working Group, NCID, CDC

## Research

### *Epidemiologic Investigations and Studies, selected examples*

- 1994 Nationwide outbreak of *Salmonella enteritidis* from Schwan's' Ice Cream  
Outbreak of *Shigella sonnei* gastroenteritis in an elementary school, Hennepin County, MN  
Outbreak of *Escherichia coli* O157:H7 at a community college, Mower County, MN
- 1995 Community outbreak of *Neisseria meningitidis* in Mankato, MN  
Outbreak of *Pseudomonas* folliculitis in patrons of a hotel, Bloomington, MN  
Outbreak of Legionnaires' disease in Rock County, MN  
Outbreak of gastroenteritis due to *Cryptosporidium parvum*, Nicollet County, MN  
Outbreak of invasive Group A *Streptococcus* disease, Goodhue and Olmsted Co.
- 1996 Survey of physician's practices related to diarrheal disease, FoodNet Surveillance Sites, US
- 1997 *Staphylococcus aureus* toxin outbreak from baked ham, Maryland,
- 1998 Use of education regarding judicious use of antimicrobials to reduce antimicrobial use and resistance, rural Alaska
- 1999 Evaluation of traditional vs. modern methods of fermenting fish heads and Botulinum toxin levels
- 2000 Community onset methicillin-resistant *Staphylococcus aureus* outbreak in rural Alaska
- 2001 Evaluation of community-wide use of Hib conjugate vaccine to eliminate Hib colonization
- 2002 Assessment of the impact of pneumococcal conjugate vaccine on carriage and invasive disease in rural Alaska
- 2003 Investigation of community outbreak of *Streptococcus pneumoniae* in Northwest Alaska
- 2004 Investigation of a *Haemophilus influenzae* type A disease outbreak among infants in rural Alaska
- 2005 Investigation of viral etiologies of lower respiratory tract infections among children hospitalized in Bethel, Alaska
- 2006 Evaluation of variation of infectious disease rates among Alaska Natives living in villages with and without running water
- 2007 Assessment of antibodies to H5N1 influenza among Alaska Native waterfowl hunters
- 2008 Investigation into rates and risk factors of pediatric dental caries in southwest Alaska
- 2009 Investigation of high rates of death due to 2009 H1N1 influenza among American Indian/Alaska Native persons

## Publications

1. Bulkow LR, Singleton RJ, Debyle C, Miernyk K, Redding G, Hummel KB, Chikoyak L, **Hennessey TW**. Risk factors for hospitalization with lower respiratory tract infections in children in rural Alaska. *Pediatrics*. 2012 May;129(5):e1220-7. Epub 2012 Apr 16.
2. David, MZ, Rudolph KM, **Hennessey TW**, Zyshowski DL, Asthi K, Boyle-Vavra S, Daum RS. MRSA USA300 at Alaska Native Medical Center, Anchorage, Alaska, USA, 2000-2006. *Emerging Infectious Diseases*, Vol. 18 No. 1, January 2012.
3. Jackson ML, Rose, CE, Cohn A, Coronado F, Clark TA, Wenger JA, Bulkow L, Bruce MG, Messonnie NE, **Hennessey TW**. Modeling Insights into *Haemophilus influenzae* Type b Disease, Transmission, and Vaccine Programs. *Emerging Infectious Diseases* Vol. 18. No. 1, January 2012.
4. Bruden DL, Bruce MG, Miernyk KM, Morris J, Hurlburt D, **Hennessey TW**, Peters H, Sacco F, Parkinson AJ, McMahan BJ. Diagnostic accuracy of tests for *Helicobacter pylori* in an Alaska Native population. *World Journal of Gastroenterology*. 2011 Nov 14;17(42):4682-8.
5. Cheek JE, **Hennessey TW**, Redd JT, Cobb N, Bryan RT. Epidemic assistance from the Centers for Disease Control and Prevention involving American Indians and Alaska Natives, 1946-2005. *American Journal of Epidemiology*. 2011 Dec 1;174(11 Suppl):S89-96.
6. Fagan R, McLaughlin, Castrodale L, Gessner B, Jenkerson S, Funk E, **Hennessey T**, Middaugh J, Butler J, Endemic Foodborne Botulism among Alaska Native Persons-Alaska, 1947-2007, *Clinical Infectious Diseases*, 2011 Mar; 52(5):585-92

7. Hammitt LL, Bulkow LR, Singleton RJ, Nuorti JP, Hummel KB, Miernyk KM, Zanis C, Whaley M, Romero-Steiner S, Butler JC, Rudolph K, **Hennessy TW** Repeat Revaccination with 23-Valent Pneumococcal Polysaccharide Vaccine among Adults aged 55-74 years Living in Alaska: No evidence of Hyporesponsiveness, *Vaccine*, 2011 Mar 29;29(12):2287-95
8. Holman RC, Folkema AM, Singleton RJ, Redd JT, Christensen KY, Steiner CA, Schonberger LB, **Hennessy TW**, Cheek JE. Disparities in infectious disease hospitalizations for American Indian/ Alaska Native people. *Public Health Reports*. 2011 Jul-Aug;126(4):508-21.
9. Kemberling M, Hagan K, Leston J, Kitka S, Provost E, **Hennessy T**. Adult Native Adolescent Views on Cervical Cancer, the Human Papillomavirus (HPV), Genital Warts, and the Quadrivalent HPV Vaccine, *International Journal of Circumpolar Health, IJCH*, 2011 June;70(3):245-53. Epub 2011 June 23
10. Miernyk K, Bulkow L, DeByle C, Chikoyak L, Hummel KB, **Hennessy T**, Singleton R, Performance of a Rapid Antigen Test (Binax NOW RSV) for Diagnosis of Respiratory Syncytial Virus Compared with Real-time Polymerase Chain Reaction in a Pediatric Population, *Journal of Clinical Virology*, 2011 Mar: 50,3,240-3
11. Miernyk K, Debyle C, Harker-Jones M, Hummel KB, **Hennessy T**, Wenger J, Rudolph K. Serotyping of *Streptococcus pneumoniae* isolates from nasopharyngeal samples: use of an algorithm combining microbiologic, serologic, and sequential multiplex PCR techniques. *J Clin Microbiol*. 2011 Sep;49(9):3209-14. Epub 2011 Jul 20.
12. Miernyk K, Morris J, Bruden D, McMahon B, Hurlburt D, Sacco F, Parkinson A, **Hennessy T**, Bruce M, Characterization of *Helicobacter pylori* cagA and vacA Genotypes among Alaskans and their Correlations with Clinical Disease, *Journal of Clinical Microbiology* 2011 Mar;50(3):240-3. Epub 2010 Dec 15.
13. Said MA, O'Brien KL, Nuorti JP, Singleton R, Whitney CG, **Hennessy TW**. The epidemiologic evidence underlying recommendations for use of pneumococcal polysaccharide vaccine among American Indian and Alaska Native populations. *Vaccine*. 2011 Jul 26;29(33):5355-62. Epub 2011 Jun 12.
14. Tveit AH, Bruce MG, Bruden DL, Morris J, Reasonover A, Hurlburt DA, **Hennessy TW**, McMahon B. Alaska sentinel surveillance study of *Helicobacter pylori* isolates from Alaska Native persons from 2000 to 2008. *Journal of Clinical Microbiology* 2011 Oct;49(10):3638-43. Epub 2011 Aug 3.
15. Wenger J, Castrodale LJ, Bruden DL, et al 2009 Pandemic Influenza A H1N1 in Alaska: Temporal and Geographic Characteristics of Spread and Increased Risk of Hospitalization among Alaska Native and Asian/Pacific Islander People, *Clinical Infectious Diseases* 2011 Jan 1:52, Suppl 1:189-197
16. "Viral respiratory infections in hospitalized and community control children in Alaska." Singleton RJ, Bulkow LR, Miernyk K, DeByle C, Pruitt L, Hummel KB, Bruden D, Englund JA, Anderson LJ, Lucher L, Holman RC, **Hennessy TW**. *J Med Virology*. 2010 Jul;82(7):1282-90
17. "Methicillin-Resistant *Staphylococcus aureus* carriage and risk factors for skin infections, Southwestern Alaska," Stevens AM, **Hennessy T**, Baggett HC, Bruden D, Parks D, Klejka J. *Emerging Infect Diseases*. 2010 May;16(5):797-803
18. "Haemophilus disease in Alaskan and Canadian children." Bruce M, Singleton R, Lem M, Zulz T, Wenger J, Hennessy T. *Pediatr Infect Dis J*. 2010 Feb;29(2):186; author reply 186-7.

19. "Factors associated with the progression of fibrosis on liver biopsy in Alaska Native and American Indian persons with chronic hepatitis C."  
Livingston SE, Deubner H, Bruden DL, McMahon BJ, Homan CE, Townshend-Bulson LJ, Bruce MG, **Hennessey TW**, Williams JL, Gretch DR.  
Can J Gastroenterol. 2010 Jul;24(7):445-51.
20. "Invasive Pneumococcal Disease in Alaskan Children: Impact of the Seven-Valent Pneumococcal Conjugate Vaccine and the Role of Water Supply."  
Wenger JD, Zulz T, Bruden D, Singleton R, Bruce MG, Bulkow L, Parks D, Rudolph K, Hurlburt D, Ritter T, Klejka J, **Hennessey T**.  
Pediatr Infect Dis J. 2009 Nov 30.
21. "Trends in antimicrobial prescribing rates for Alaska Native and American Indian persons <18 years of age residing in the Anchorage region."  
Bott AM, Bruce MG, Bulkow L, Coleman J, **Hennessey TW**.  
Int J Circumpolar Health. 2009 Sep;68(4):337-46.
22. "Adverse Outcomes in Alaska Natives who Recovered From or Have Chronic Hepatitis C Infection."  
McMahon BJ, Bruden D, Bruce MG, Livingston S, Christensen C, Homan C, **Hennessey TW**, Williams J, Sullivan D, Rosen HR, Gretch D.  
Gastroenterology. Gastroenterology. 2010 Mar;138(3):922-31
23. "Antibody levels and protection after hepatitis B vaccine: results of a 22-year follow-up study and response to a booster dose."  
McMahon BJ, Dentinger CM, Bruden D, Zanis C, Peters H, Hurlburt D, Bulkow L, Fiore AE, Bell BP, **Hennessey TW**.  
J Infect Dis. 2009 Nov 1;200(9):1390-6.
24. "Methicillin-resistant Staphylococcus aureus-associated hospitalizations among the American Indian and Alaska native population."  
Byrd KK, Holman RC, Bruce MG, **Hennessey TW**, Wenger JD, Bruden DL, Haberling DL, Steiner C, Cheek JE.  
Clin Infect Dis. 2009 Oct 1;49(7):1009-15.
25. "Alaska Native parental attitudes on cervical cancer, HPV and the HPV vaccine."  
Toffolon-Weiss M, Hagan K, Leston J, Peterson L, Provost E, **Hennessey T**.  
Int J Circumpolar Health. 2008 Sep;67(4):363-73.
26. "Immunogenicity and reactogenicity of pneumococcal polysaccharide and conjugate vaccines in Alaska Native adults 55-70 years of age."  
Miernyk KM, Butler JC, Bulkow LR, Singleton RJ, **Hennessey TW**, Dentinger CM, Peters HV, Knutsen B, Hickel J, Parkinson AJ.  
Clinical Infectious Diseases, 2009 Jul 15;49(2):241-8.
27. "The relationship between in-home water service and the risk of infections of the lung, skin and gastrointestinal tract among Alaska Native persons."  
**Hennessey TW**, Ritter T, Holman R, Bruden D, Yorita K, Bulkow L, Cheek J, Singleton R, Smith J.  
American Journal of Public Health, November 2008; 98: 2071-2078
28. "Persistence of Antibody to Hepatitis A Virus 10 Years after Vaccination among Children and Adults"  
L Hammitt, L Bulkow, **T.Hennessey**, C Zanis, M Snowball, J Williams, B Bell, B McMahon  
Journal of Infectious Disease, December 2008, 198: 1776-82.

29. "Molecular epidemiology of methicillin-resistant *Staphylococcus aureus*, rural southwestern Alaska." David MZ, Rudolph KM, **Hennessey TW**, Boyle-Vavra S, Daum RS. Emerg Infect Dis. 2008 Nov;14(11):1693-9.
30. "Epidemiology of hospitalizations associated with ulcers, gastric cancers, and *Helicobacter pylori* infection among American Indian and Alaska Native persons." Demma, Linda J. Holman, Robert C. Sobel, Jeremy. Yorita, Krista L. **Hennessey, Thomas W.** Paisano, Edna L. Cheek, James E. American Journal of Tropical Medicine & Hygiene. 78(5):811-8, 2008 May
31. "Impact of conjugate vaccine on transmission of antimicrobial-resistant *Streptococcus pneumoniae* among Alaskan children." Park, Sarah Y. Moore, Matthew R. Bruden, Dana L. Hyde, Terri B. Reasonover, Alisa L. Harker-Jones, Marcella. Rudolph, Karen M. Hurlburt, Debby A. Parks, Debra J. Parkinson, Alan J. Schuchat, Anne. **Hennessey, Thomas W.** Pediatric Infectious Disease Journal. 27(4):335-40, 2008 Apr.
32. "International Circumpolar Surveillance System for invasive pneumococcal disease, 1999-2005." Bruce, Michael G. Deeks, Shelley L. Zulz, Tammy. Bruden, Dana. Navarro, Christine. Lovgren, Marguerite. Jette, Louise. Kristinsson, Karl. Sigmundsdottir, Gudrun. Jensen, Knud Brinklov. Lovoll, Oistein. Nuorti, J Pekka. Herva, Elja. Nystedt, Anders. Sjostedt, Anders. Koch, Anders. **Hennessey, Thomas.** Parkinson, Alan J. Emerging Infectious Diseases. 14(1):25-33, 2008 Jan.
33. "Epidemiology of *Haemophilus influenzae* serotype a, North American Arctic, 2000-2005." Bruce, Michael G. Deeks, Shelley L. Zulz, Tammy. Navarro, Christine. Palacios, Carolina. Case, Cheryl. Hemsley, Colleen. **Hennessey, Tom.** Corriveau, Andre. Larke, Bryce. Sobel, Isaac. Lovgren, Marguerite. Debyle,Carolynn. Tsang, Raymond. Parkinson, Alan J. Emerging Infectious Diseases. 14(1):48-55, 2008 Jan.
34. "Pitfalls in case-control studies of vaccine effectiveness." Moore MR, O'Brien K, Nuorti JP, **Hennessey T.** Clinical Infectious Disease 2007 Nov 1;45(9):1241-2
35. "Hepatitis B immunity in children vaccinated with recombinant hepatitis B vaccine beginning at birth: a follow-up study at 15 years." Hammitt L, **Hennessey T**, Fiore AE, Zanis C, Hummel KB, Dunaway E, Bulkow L, McMahon BJ. Vaccine. 2007 Sep 28;25(39-40):6958-64
36. "Invasive pneumococcal disease caused by nonvaccine serotypes among Alaska native children with high levels of 7-valent pneumococcal conjugate vaccine coverage." Singleton RJ, **Hennessey TW**, Bulkow LR, Hammitt LL, Zulz T, Hurlburt DA, Butler JC, Rudolph K, Parkinson A. JAMA. 2007 Apr 25;297(16):1784-92.
37. "Invasive pneumococcal disease epidemiology and effectiveness of 23-valent pneumococcal polysaccharide vaccine in Alaska native adults." Singleton R, Butler JC, Bulkow L, Hurlburt D, O'Brien KL, Doan W, Parkinson AJ, **Hennessey TW.** Vaccine. 2007 Mar 8;25(12):2288-95.
38. "Relationship between In-home water service and lower respiratory infections – Alaska, 1999-2002." **Hennessey TW**, Singleton RJ, Gessner BD. Epidemiology Bulletin. State of Alaska, Dept of Health and Social Services, March 22, 2007



39. "The relationship between previous fluoroquinolone use and levofloxacin resistance in *Helicobacter pylori* infection."  
Carothers JJ, Bruce MG, **Hennessey TW**, Bensler M, Morris JM, Reasonover AL, Hurlburt DA, Parkinson AJ, Coleman JM, McMahon BJ.  
Clinical Infectious Disease. 2007 Jan 15;44(2):
40. "Hepatitis C virus dynamics during natural infection are associated with long-term histological outcome of chronic hepatitis C disease."  
Sullivan DG, Bruden D, Deubner H, McArdle S, Chung M, Christensen C, **Hennessey T**, Homan C, Williams J, McMahon BJ, Gretch DR.  
Journal of Infectious Diseases 2007 Jul 15;196(2):239-48.
41. "Invasive early-onset neonatal group B streptococcal cases--Alaska, 2000-2004."  
Castrodale L, Gessner B, Hammitt L, Chimonas MA, **Hennessey T**.  
Maternal and Child Health Journal. 2007 Jan;11(1):91-5.
42. "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."  
Miernyk KM, Bruden DL, Bruce MG, McMahon BJ, **Hennessey TW**, Peters HV, Hurlburt DA, Sacco F, Parkinson AJ.  
Clinical Vaccine Immunology. 2007 Jan;14(1):85-6.
43. "Alaska sentinel surveillance for antimicrobial resistance in *Helicobacter pylori* isolates from Alaska native persons, 1999-2003."  
Bruce MG, Bruden DL, McMahon BJ, **Hennessey TW**, Reasonover A, Morris J, Hurlburt DA, Peters H, Sacco F, Martinez P, Swenson M, Berg DE, Parks D, Parkinson AJ.  
Helicobacter. 2006 Dec;11(6):581-8.
44. "The Alaska *Haemophilus influenzae* type b experience: lessons in controlling a vaccine-preventable disease."  
Singleton R, Hammitt L, **Hennessey T**, Bulkow L, DeByle C, Parkinson A, Cottle TE, Peters H, Butler JC.  
Pediatrics. 2006 Aug;118(2):
45. "Assessment of Carriage of *Haemophilus influenzae* Type a after a Case of Invasive Disease"  
Hammitt, LL, **Hennessey TW**, Romero-Steiner S, Butler JC  
Clinical Infectious Disease 2006 Aug 1;43(3):386-7
46. "Hepatitis C infection in Alaska Natives with persistently normal, persistently elevated or fluctuating alanine aminotransferase levels"  
Bruce MG, Bruden D, McMahon BJ, Christensen C, Homann C, Sullivan D, Deubner H, **Hennessey T**, Williams J, Livingston S, Gretch  
Liver Int. 2006 Aug;26(6):643-9.
47. "Pneumococcal vaccination in developing countries."  
Levine OS, O'Brien KL, Knoll M, Adegbola RA, Black S, Cherian T, Dagan R, Goldblatt D, Grange A, Greenwood B, **Hennessey T**, Klugman KP, Madhi SA, Mulholland K, Nohynek H, Santosham M, Saha SK, Scott JA, Sow S, Whitney CG, Cutts F.  
Lancet. 2006 Jun 10;367(9526):1880-2
48. "Immunologic response to *Haemophilus influenzae* type b (Hib) conjugate vaccine and risk factors for carriage among Hib carriers and noncarriers in Southwestern Alaska."  
Baggett HC, **Hennessey TW**, Bulkow L, Romero-Steiner S, Hurlburt D, Holder P, Parkinson AJ, Singleton RJ, Levine O, Carlone GM, Butler JC.  
Clinical Vaccine Immunology 2006 Jun;13(6):620-6.

49. "Indirect effect of conjugate vaccine on adult carriage of *Streptococcus pneumoniae*: an explanation of trends in invasive pneumococcal disease."  
Hammit LL, Bruden DL, Butler JC, Baggett HC, Hurlburt DA, Reasonover A, **Hennessy TW**.  
Journal of Infectious Diseases 2006 Jun 1;193(11):1487-94.
50. "Reinfection after successful eradication of *Helicobacter pylori*: a 2-year prospective study in Alaska Natives"  
McMahon BJ, Bruce MG, **Hennessy TW**, Bruden DL, Sacco F, Peters H, Hurlburt DA, Morris JM, Reasonover AL, Dailide G, Berg DE, Parkinson AJ  
Alimentary Pharmacologic Therapeutics 2006; 23: 1215–1223
51. "Steatosis and hepatitis C in an Alaska Native/American Indian population."  
Livingston SE, Deubner H, McMahon BJ, Bruden D, Christensen C, Hennessy TW, Bruce MG, Sullivan DG, Homan C, Williams J, Gretch DR.  
International Journal of Circumpolar Health. 2006 Jun;65(3):253-60.
52. "Immunogenicity and Reactogenicity to *Haemophilus influenzae* Type B Conjugate Vaccine among Rural Alaska Adults"  
Dentinger CM, **Hennessy TW**, Bulkow LR, Reasonover AL, Romero-Steiner S, Holder PF, Gomez de Leon P, Carlone GM, Parks DJ, Parkinson AJ, Singleton RJ, Levine OS, Butler JC  
Human Vaccines 2006; 2(1) 1- 5.
53. "Impact of heptavalent pneumococcal conjugate vaccine on invasive disease, antimicrobial resistance and colonization in Alaska Natives: progress towards elimination of a health disparity."  
**Hennessy TW**, Singleton R, Bulkow L, Bruden DL, Hurlburt DA, Parks D, Moore M, Parkinson AJ, Schuchat A, Butler JC  
Vaccine 2005; 23: 5464-5473
54. "Outbreak of invasive *Haemophilus influenzae* serotype a disease."  
Hammit L, Block S, **Hennessy TW**, Debyle C, Peters H, Parkinson A, Singleton R, Butler JC.  
Pediatric Infectious Disease Journal 2005;.24(5):453-6
55. "Persistence of Antibody to Hepatitis B and Protection from Disease among Alaska Natives Immunized at Birth"  
Dentinger CM, McMahon BJ, Butler JC, Dunaway CE, Zanis CL, Bulkow LR, Bruden DL, Nainan OV, Khristova ML, **Hennessy TW**, Parkinson AJ  
Pediatric Infectious Disease Journal 2005; 24(9): 786-792.
56. "Evaluation of a volunteer sample in nasopharyngeal colonization surveys for *Streptococcus pneumoniae* in rural Alaska."  
Bruden DL., **Hennessy TW**, Butler JC, Hurlburt DA, Parks DJ, Bulkow LR.  
International Journal of Circumpolar Health 2005; 64(1):16-25.
57. "Persistence of antibody to hepatitis B and protection from disease among Alaska natives immunized at birth."  
Dentinger CM, McMahon BJ, Butler JC, Dunaway CE, Zanis CL, Bulkow LR, Bruden DL, Nainan OV, Khristova ML, **Hennessy TW**, Parkinson AJ.  
Pediatric Infectious Disease Journal. 2005; 24(9):786-92.
58. "Avidity determinations for *Haemophilus influenzae* Type b anti-polyribosylribitol phosphate antibodies."  
Romero-Steiner S, Holder PF, Gomez de Leon P, Spear W, **Hennessy TW**, Carlone GM.  
Clinical & Diagnostic Laboratory Immunology 2005. 12(9):1029-35..
59. "Combined antibiogram for hospitals with 50+ beds--Alaska, 2002."  
Castrodale L, **Hennessy TW**.  
Alaska Medicine 2004; 46(4):81-7.

60. "Impact of a Conjugate Vaccine on Community-wide Carriage of Nonsusceptible *Streptococcus pneumoniae* in Alaska."  
Moore M, Hyde T, **Hennessey TW**, Parks DJ. Reasonover AL. Harker-Jones M. Gove J. Bruden DL. Rudolph K. Parkinson A. Butler JC. Schuchat A.  
Journal Infectious Diseases 2004; 190: 2031-8.
61. "Estimating the date of hepatitis C virus infection from patient interviews and antibody tests on stored sera."  
Bruden DL. McMahon BJ. **Hennessey TW**, Christensen CJ. Homan CE. Williams JL. Sullivan DG. Gretch DR. Cagle HH. Bulkow LR.  
American Journal of Gastroenterology. 99(8):1517-22, 2004 Aug.
62. "Foodborne Botulism in the Republic of Georgia: Implications for Preparedness Planning."  
**Hennessey TW**, Rotz L  
Clinical Infectious Diseases, 2004; 39:363-4
63. "Measurement of serum bactericidal activity specific for *Haemophilus influenzae* type b by using a chromogenic and fluorescent metabolic indicator."  
Romero-Steiner S, Spear W, Brown N, Holder P, **Hennessey TW**, Gomez De Leon, Carlone GM.  
Clinical & Diagnostic Laboratory Immunology. 11(1):89-93, 2004 Jan.
64. "Community-Onset Methicillin-Resistant *Staphylococcus aureus* Associated with Antibiotic Use and the Cytotoxin Panton-Valentine Leukocidin During a Furunculosis Outbreak in Rural Alaska"  
Baggett H, **Hennessey TW**, Rudolph K, Bruden D. Reasonover A. Parkinson A. Sparks R. Donlan RM. Martinez P. Mongkolrattanothai K. Butler JC.  
Journal of Infectious Diseases, 189(9):1565-73, 2004 May 1.
65. "Egg Consumption is the Principal Risk Factor for Sporadic *Salmonella* Serotype Heidelberg Infections: A Case-Control Study in FoodNet Sites"  
**Hennessey TW**, Cheng L, Kassenborg H, Ahuja SD. Mohle-Boetani J. Marcus R. Shiferaw B. Angulo FJ. Emerging Infections Program FoodNet Working Group.  
Clinical Infectious Diseases. 38 Suppl 3:S237-43, 2004 Apr 15.
66. "A Survey of Physician Diagnostic Practices for Patients with Acute Diarrhea: Clinical and Public Health Implications"  
**Hennessey TW**, Marcus R, Deneen V, Reddy S. Vugia D. Townes J. Bardsley M. Swerdlow D. Angulo FJ. Emerging Infections Program FoodNet Working Group  
Clinical Infectious Diseases, 38 Suppl 3:S203-11, 2004 Apr 15.
67. "The epidemiology and risk factors for hepatitis C in Alaska Natives."  
McMahon BJ, **Hennessey TW**, Christensen C, Bruden D. Sullivan DG. Homan C. Deubner H. Bruce MG. Livingston S. Williams J. Gretch DR.  
Hepatology, 39(2):325-32, 2004 Feb.
68. "The relationship among previous antimicrobial use, antimicrobial resistance, and treatment outcomes for *Helicobacter pylori* infections.  
McMahon BJ, **Hennessey TW**, Bensler M, Bruden DL. Parkinson AJ. Morris JM. Reasonover AL. Hurlburt DA. Bruce MG. Sacco F. Butler JC.  
Annals of Internal Medicine, 2003;139:463-69.
69. "An outbreak of community-onset methicillin-resistant *Staphylococcus aureus* skin infections in southwestern Alaska"  
Baggett HC, **Hennessey TW**, Leman R, Hamlin C. Bruden D. Reasonover A. Martinez P. Butler JC  
Infection Control and Hospital Epidemiology, 2003;24:397 – 402.

70. "Increased dose of amoxicillin does not affect carriage of penicillin-resistant *Streptococcus pneumoniae* in rural Alaska."  
**Hennessy TW**, Bruden DL, Petersen KL, Hurlburt D, Getty M, Butler JC, Schwartz B  
JAMA 2002; 287:2078-79.
71. "Changes in antibiotic prescribing practices and carriage of penicillin-resistant *Streptococcus pneumoniae*: A controlled intervention trial in rural Alaska."  
**Hennessy T**, K Petersen, D Bruden, et al.  
Clinical Infectious Diseases 2002;34:1543-50.
72. "Reemergence, In Southwestern Alaska, Of Invasive *Haemophilus Influenzae* Type B Disease Due To Strains Indistinguishable From Those Isolated From Vaccinated Children."  
L Lucher, M Reeves, **T Hennessy**, et al.  
J Infectious Diseases 2002;186:958-965
73. "Call Tracking Data and the Public Health Response to Bioterrorism-related Anthrax."  
J Mott, T Treadwell, **T Hennessy**, et al.  
Emerging Infectious Diseases, 2002;8:1088-92.
74. "Botulism among Alaska Natives in the Bristol Bay Area of Southwest Alaska: A survey of knowledge, attitudes, and practices related to fermented foods known to cause botulism."  
Chiou LA, **Hennessy TW**, Horn A, Carter G, Butler JC.  
International Journal of Circumpolar Health 2002;61:50-60.
75. 'IDSA Practice Guidelines for the Management of Infectious Diarrhea .'  
Guerrant RL. Van Gilder T. Steiner TS. Thielman NM. Slutsker L. Tauxe RV. **Hennessy T**. Griffin PM. DuPont H. Sack RB. Tarr P. Neill M. Nachamkin I. Reller LB. Osterholm MT. Bennis ML. Pickering LK. Clinical Infectious Diseases 2001;32:331-351.
76. "Limitations of pulsed-field gel electrophoresis for the routine surveillance " of *Campylobacter* infections@  
Hedberg CW, Smith KE, Besser JM, Boxrud DJ, **Hennessy TW**, Bender JB. Anderson FA, Osterholm MT  
J Infect Diseases 2001 Jan 1;183(1):164-7.
77. "Experience with the prevention of invasive *Haemophilus influenzae* type b disease by vaccination in Alaskans: the impact of persistent oropharyngeal carriage."  
Singleton R. Bulkow LR. Levine OS. Butler JC. **Hennessy TW**. Parkinson A.  
Journal of Pediatrics;137:313-20, September, 2000
78. "Respiratory syncytial virus: current status and hope for the future.'  
**T Hennessy**, R Singleton, J Butler.  
Alaska Medicine 1999; 41;86-93.
79. "A National Outbreak of *Salmonella enteritidis* Infections From Ice Cream.'  
**Hennessy TW**, Hedberg CD, Slutsker L, White KE. Besser-Wiek JM. Moen ME. Feldman J. Coleman WW. Edmonson LM. MacDonald KL. Osterholm MT.  
The New England Journal of Medicine, 1996. 334; 1281-86.
80. "Evaluation of the Magnitude of the 1993 Hantavirus Outbreak in the Southwestern United States"  
Simonson L., Dalton M., Breiman R., **Hennessy TW**, Umland ET. Sewell CM. Rollin PE.  
Ksiazek TG, Peters CJ.  
Journal of Infectious Diseases, Vol. 172, Number 3, 1995.

81. "The Influence of Diagnostic Access Bias on the Epidemiology of Sarcoidosis: A Population-Based Study in Rochester, Minnesota, 1935-1984"  
**Hennessey T.**, Ballard D., DeRemee R., Chu C and L.J. Melton.  
Journal of Clinical Epidemiology, Vol. 41, no. 6, 1988.
82. "Woody Fuel Dimension Within Great Smoky Mountains National Park"  
M. Harmon, **T.W. Hennessey**, D. Silsbee  
Department of the Interior, Research/Resources Management Report 31, 1980.

Publications in the Morbidity and Mortality Weekly Report (MMWR)

- Outbreak of Invasive Pneumococcal Disease, Alaska, 2003-4. Jan 28, 2005
- Botulism associated with eating fermented food, Alaska. August, 2001
- Salmonella outbreak among migrant workers in Virginia/Maryland, Sep 1997
- Staphylococcus aureus* toxin outbreak from baked ham, December, 1997
- Ciguatera Intoxication, Texas, March, 1998
- Salmonella enteritidis* infections due to Schwan's ice cream, October, 1996
- An outbreak of foodborne illness associated with Cryptosporidiosis, Sep 1996

Educational Films

"A Helping Hand: Keeping your family safe from botulism"

Co-wrote and co-produced this educational food safety film for rural Alaska residents. Was produced in English and Yupik languages. Was recognized as outstanding medical and health film for 2001 by Time Life, Inc and was awarded their prestigious "Freddy Award".