

# International Circumpolar Surveillance

## Overview and History

Alan J. Parkinson

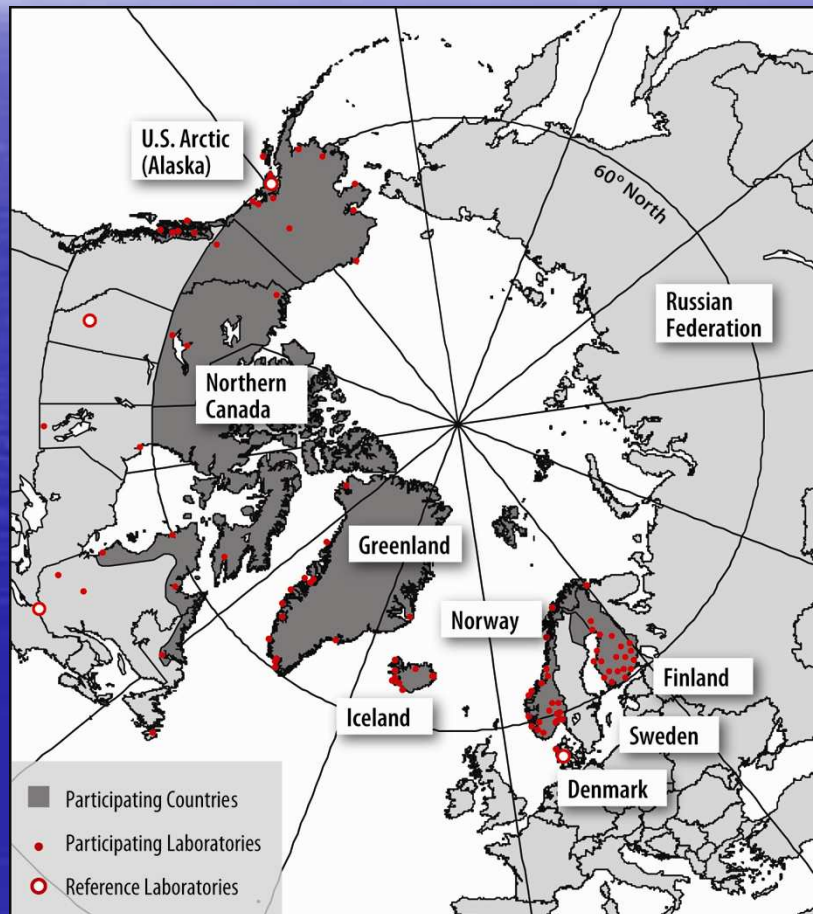
Arctic investigations Program

Centers for Disease Control & Prevention

Anchorage Alaska

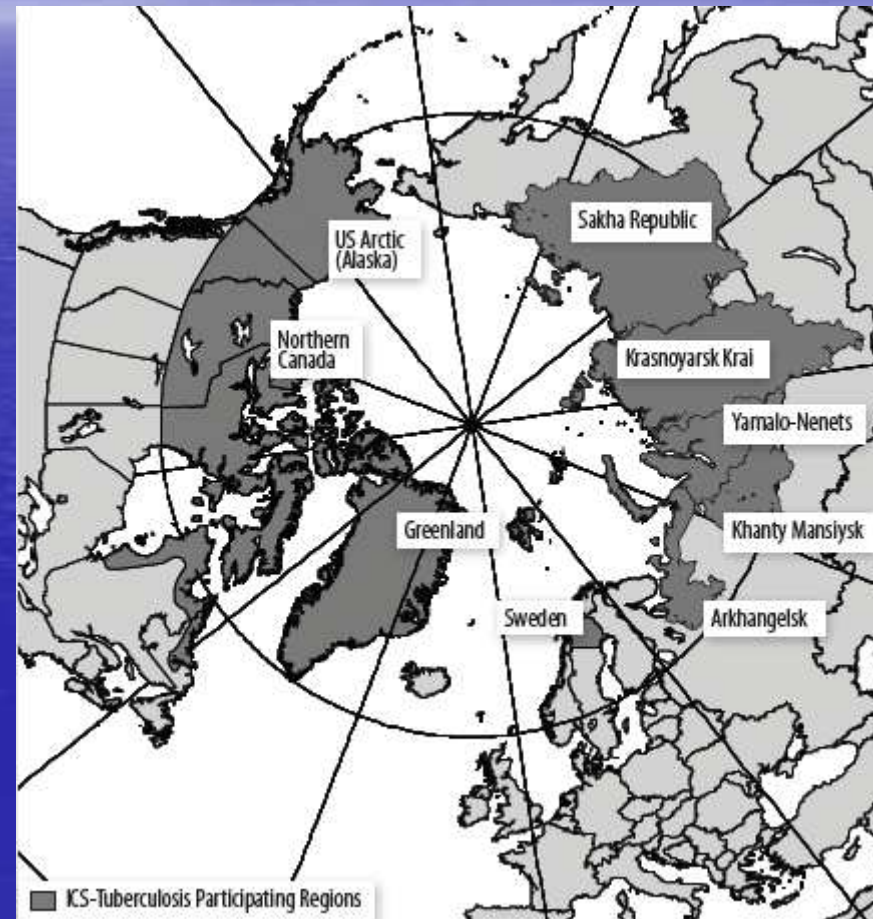
# International Circumpolar Surveillance-History

- 1998: CDC's Preventing Emerging Infectious Disease: A strategy for the 21<sup>st</sup> Century
- 1998 ICS Established
  - *Streptococcus pneumoniae*
  - Northern Canada, Alaska
- 1999: US Chairs the Arctic Council, ICS QC begun
- 2000: ICS approved as a Arctic Council SDWG project; Greenland joins ICS
  - *Haemophilus influenzae*, *Neisseria meningitidis*, GAS, GBS added



# International Circumpolar Surveillance

- 2001 Iceland, Norway, Finland, northern Sweden join ICS
- 2002: Protecting the National Health in an Era of Globalization: CDC's Global Infectious Disease Strategy.
- 2007-2008 International Polar Year- ICS activities continue
- 2007 Tuberculosis working group initiated
- 2010 Climate Change and Infectious Disease working group initiated



# International Circumpolar Surveillance

Arctic Council  
Sustainable Development Working Group  
(Human Health Experts Group)

Steering Committee

Working Groups

Surveillance

Research

Invasive Bacterial Disease (US lead)  
Tuberculosis (Canada lead)  
Climate Sensitive Infectious Disease  
(Sweden/US lead)  
Others?

Viral Hepatitis (Denmark)  
Helicobacter pylori (US lead)  
STI's (Canada lead)  
Others?

# International Circumpolar Surveillance

## Lessons learned...

- Model for international surveillance
- Capitalizes on existing government/non government health cooperatives
- Capitalizes on existing surveillance systems (inexpensive)
- Provides standardized laboratory and epidemiologic data on invasive bacterial diseases
- Comparable across regions
- Identifies research needs and priorities
- Can be expanded to other health concerns of Arctic peoples.

# ICS Steering Committee

Milan Italy May 7, 2011

- Membership
- SDWG activities
  - HHEG
    - Meeting Umea Sweden June 2011
    - Report to SDWG HoDs Gallivare Sweden February 14-15, 2012
    - Meeting in Montreal April 2012
- Working Group Updates
  - IBDWG
  - Tb WG
  - Hepatitis
  - Helicobacter pylori
  - Climate Change and Infectious Diseases

# ICS Events/Meetings 2012-2013

- ICS Invasive Bacterial Disease Working Group, Vancouver BC, Canada March 27, 28, 2012.
- ICS Working Group Meetings, August 3-10, 2012
  - Hepatitis (Anchorage August 3)
  - Tuberculosis (Fairbanks August 5-10)
  - Helicobacter pylori(Fairbanks August 4)
  - Climate Change and Infectious Diseases (Fairbanks August 7 )
- IPY Conference Montreal, Canada April 22-27, 2012.
  - Human Health Session April 26, 2012
    - International Circumpolar Surveillance
- ICS Steering Committee Meeting Fairbanks August 4, 2012
- ICS week September 2013 Copenhagen