

# The Oregon EHDI Trail

Explorers, Scouts, Pioneers, Settlers

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# EXPLORERS

- 1976 Kempe-otoacoustic emissions
- 1981 Portland area hospitals conduct risk factor screening with questionnaire
- 1986 Newborn hearing services become component of Early Intervention
- 1988 Technology becomes available for clinical SCREENING
- 1988-93 Oregon/Rhode Island/Hawaii study feasibility of universal newborn screening

# SCOUTS

- 1993 Joint committee on Infant Hearing endorses two goals-3 and 6 months
- 1994 NIH study “Silent epidemic of infants with hearing loss”
- 1995 Yoshinaga Itano publish study of improved outcome with early detection and intervention
- 1995 A Portland hospital begins screening of all NICU infants

# PIONEERS

- 1996 CDC establishes EHDI program
- 1997 Oregon legislation for universal screening attempted
- 1997 Oregon legislature establishes Newborn Hearing Advisory Committee to study feasibility of universal screening
- 1999 Oregon legislature passes HB3246-No funding, individual reporting or tracking
- 2000 July 1, Oregon hospitals begin screening

# PIONEERS

- 2000-Oregon receives CDC grant to staff EHDI program and data system development
- 2000-86% of US newborns are receiving screening
- 2001 Oregon receives HRSA grant for education, training and family support
- 2002 Bill attempted. Does not pass out of committee

# PIONEERS

- 2003 Newborn Hearing Advisory committee introduces SB 401-individual reporting, authorizes tracking, maintains Advisory committee
- 2004 SB 401 becomes effective
- 2004
  - 96% of Oregon babies screened
  - 38 states have mandates
  - 1/2 of newborns who do not pass screening-not returning for diagnostics

# PIONEERS

- 2004 The success of the screening program is being threatened by lack of follow-up, timely diagnosis and timely intervention

# PIONEERS

- 2004-06 Oregon EHDI SAS and Access databases for registry and tracking
- 2006- EHDI converted to all electronic reporting system using HiTrack
- 2008 Advisory Committee identifies need for pediatric audiologists and letters are sent to Oregon institutions for interest.
- 2008-PSU establishes clinic for screening
- 2009- EHDI hires parent coordinator

# PIONEERS

- 2009 Oregon EHDI hosts first Hospital Screening Workshop
- 2010 Oregon EHDI grows with specialized roles in follow-up, Data Quality and Research Analyst
- 2010 Parent Coordinator and Hands & Voices host first Hands and Voices Conference

# PIONEERS

- 2010 -July-EHDI Converts to OVERS hearing screening module, replacing HiTrack
- 2010-EHDI converts to web based reporting tool for diagnostic centers-EHDI IS
- 2011-GBYS parent support program imported into the EHDI IS
- 2011-SB 10 passes-EHDI can partner with Immunization tracking to obtain most recent primary care provider

# PIONEERS

- 2011-EHDI's public nurse health data imported to EHDI IS
- 2011-Outreach to midwives
- 2011 Oregon EHDI and Hands and Voices invited to participate in National Early Childhood Assessment Project evaluating outcomes for deaf and hard of hearing children.
- 2012 EI referral data imported into EHDI IS
- 2012 Oregon invited to join HRSA NICHQ

# PIONEERS

- Fall 2012- PACIFIC UNIVERSITY IS SET TO TAKE FIRST COHORT OF AUDIOLOGY STUDENTS!!!

# Oregon Trail EHDI

- The documented events reflect the incredible individual and collective contributions of children, parents, families, scientists, audiologists, speech pathologists, physicians, hospital personnel, nurses, public health officials, educators, community members and legislators in the process of achieving early hearing detections and intervention for Oregon children with hearing loss.