Slide 1

Illinois School for the Deaf (ISD) Outreach Program

Training Funded By:

Illinois School for the Deaf

Module Development funded in part by: **Illinois State Board of Education**

State of Illinois Dept. of Human Services   **Pat Quinn, Governor**
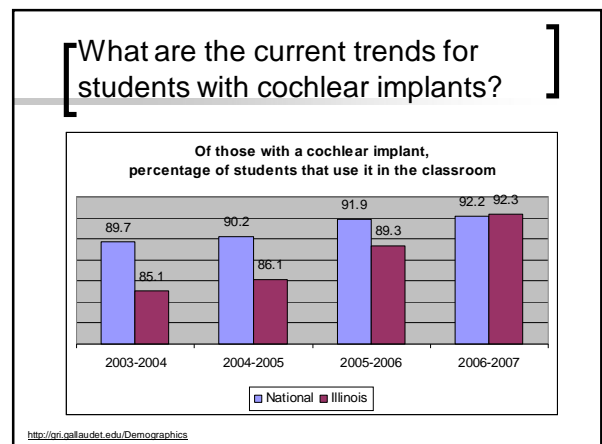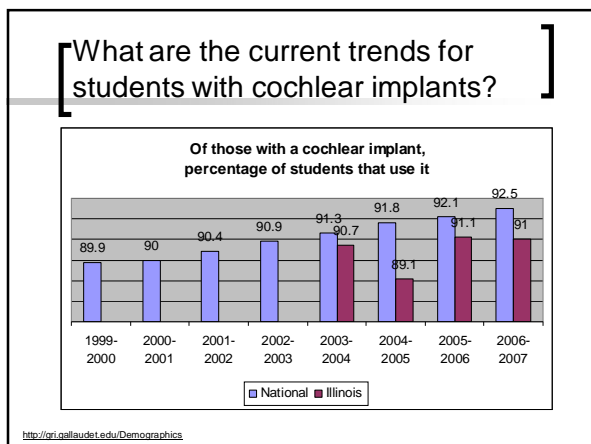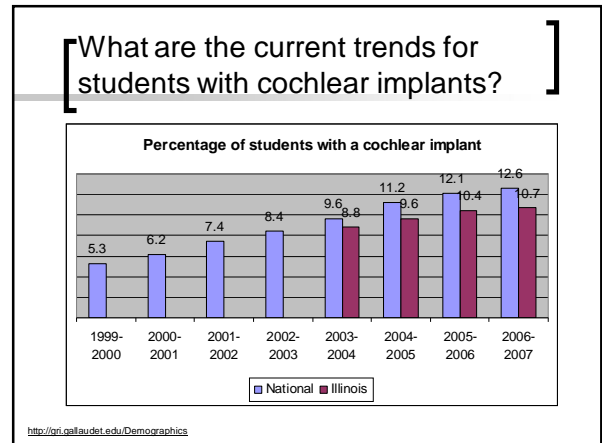
OPPORTUNITY OF A LIFETIME

Slide 2

CI Support = See, I Support!
Advocating for and Empowering Students with Cochlear Implants

EHDI Conference
Chicago, IL
March 1, 2010

Tina Childress
CI Outreach Specialist
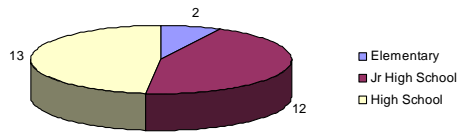Tina.Childress@illinois.gov

---

Slide 3

Agenda

- Current trends
- CI students needs and identity
- School and support staff needs
- Overview of plan for ISD
- Overview of plan for mainstream schools

Slide 4

What are the current trends for students with cochlear implants?

Percentage of students with a cochlear implant

	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007
National	5.3	6.2	7.4	8.4	9.6	11.2	12.1	12.6
Illinois					8.8	9.6	10.4	10.7

http://gri.gallaudet.edu/Demographics

Slide 5

What are the current trends for students with cochlear implants?

Of those with a cochlear implant, percentage of students that use it

	1999-2000	2000-2001	2001-2002	2002-2003	2003-2004	2004-2005	2005-2006	2006-2007
National	89.9	90	90.4	90.9	91.3	91.8	92.1	92.5
Illinois					90.7	89.1	91.1	91

http://gri.gallaudet.edu/Demographics

Slide 6

What are the current trends for students with cochlear implants?

Of those with a cochlear implant, percentage of students that use it in the classroom

	2003-2004	2004-2005	2005-2006	2006-2007
National	89.7	90.2	91.9	92.2
Illinois	85.1	86.1	89.3	92.3

http://gri.gallaudet.edu/Demographics

What about ISD?
(numbers as of 04/09)

Number of students with cochlear implant(s)

2
13
12

- Elementary
- Jr High School
- High School

Trends at ISD

- Of these 27 students, most of them are occasional users or non-users
- A majority of the occasional users only wear their CI when they go home
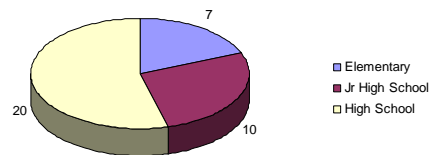
Trends at ISD

- Interviewed the 7 graduating seniors
  - 1 non-user
  - 1 consistent user
  - 5 occasional users
- The number one reason that the occasional users did not use their CI consistently in school…

Too many distractions (noise)

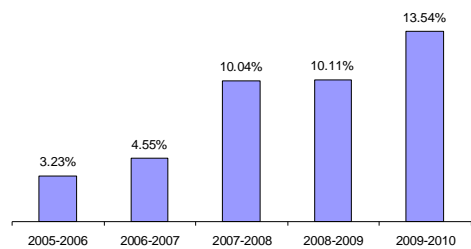## What about ISD?
(numbers as of 01/10)

Number of students with cochlear implant(s)

7
20
10

- Elementary
- Jr High School
- High School

Percentage of students with cochlear implant(s)

13.54%
10.04%   10.11%
4.55%
3.23%

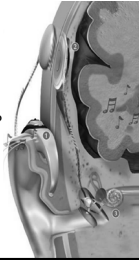2005-2006   2006-2007   2007-2008   2008-2009   2009-2010

CI Students
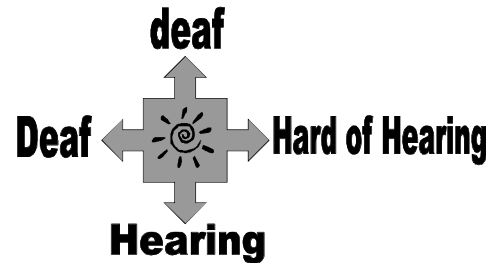
What are their specific needs?

- Understanding CI technology
  - How is it different from a hearing aid?
  - How to troubleshoot?
- Supporting their communication methodology
  - ASL to auditory/oral
- Some students receive outside therapy services
  - How do you coordinate services/information?
- Residential students
  - How do they get in for mapping?
- Encouraging continued use to maximize their potential benefit

Where do they fit in?

deaf

Deaf ↔ **Hard of Hearing**

Hearing

School and Support Staff

What are their needs?

- EDUCATION
- Dispelling myths
- "CI Cultural Sensitivity"
- Resources
  - Knowing who to call when you don't know it all

Examples of myths

- A cochlear implant is a cure for deafness
- A cochlear implant will make a person "hearing"
- Cochlear implants work the same for everybody
- Cochlear implant surgery is brain surgery

Plan for ISD (Initial preparation)

- Introductory letter to parents discussing goals for this program
- Letter includes Release of Information form
- Update program brochure

Plan for ISD (Audiology)

- Review of files
  - Current Release of Information
  - Most recent cochlear implant center report
    - If older than one year, contact family for check-up
    - Programming settings/changes
    - Booth testing
    - Speech perception testing
- Establish our own baseline testing due to possible communication barrier
- Discuss with family who will handle repairs
- Determine if there is back-up equipment available at school
- Maintain rapport with cochlear implant center

Plan for ISD (Interview)

- Meet with each student individually and have them fill out short survey
  - How often do you use your CI?
  - Do you like/not like your CI? Why (not)?
  - How do your peers feel about you using your CI?
  - What can we do to support you?

Plan for ISD (Support Groups)

- Create a peer support group
  - Let them discuss their issues and learn from each other
- Develop a network of peer and adult mentors
  - Show them how a CI can have a positive effect on their job

Plan for ISD (Resources)

- Staff
  - How to do listening checks
  - How to do simple troubleshooting
  - Who to contact for more complicated troubleshooting
  - How to incorporate more auditory training into the school day

Plan for ISD (Resources)

- Students
  - How to do simple troubleshooting
  - Who to contact for more complicated troubleshooting
  - Fun, age-appropriate listening exercises
  - Online resources like e-mail pals, chat groups, blogs or vlogs
  - Will receive a portfolio when they leave
    - Most recent audiograms and mapping information
    - Resources tailored to their device
      - Insurance and Reimbursement
      - Troubleshooting
    - VR information

Plan for ISD (Training)

- Modules to be developed on the above topics for:
  - Audiologists
  - SLPs
  - Teachers of the D/HH
  - Regular education teachers
  - Other support staff

Plan for Illinois mainstream schools

- Similar model to that implemented at ISD
- Will need to address how to teach teachers who are not familiar with working with students with hearing loss
  - More background information is necessary, for example:
    - How does hearing loss affect education
    - What is a cochlear implant and how does it work
    - Effective communication and teaching strategies
- Knowing who to contact is KEY

ISD CI Support Page

Welcome to the Cochlear Implant Support Page at the Illinois School for the Deaf

As we continue to provide service to our students with cochlear implants, the purpose of this page is to act as a one-stop shop across the manufacturers for topics such as troubleshooting help, aural rehabilitation ideas and general information about cochlear implants.

Click on the various links to access information from all three cochlear implant manufacturers

CLICK ON THE PROCESSOR TO ACCESS USER GUIDE AND/OR PRODUCT INFORMATION

	Advanced Bionics	Cochlear Americas	Med-El
	Harmony	Nucleus 5 BTE with Remote Assistant	Opus 1
Website	www.BionicEar.com	www.cochlearamericas.com	www.medel.com
Phone numbers	877/844.HEAR (4327)	800/523.5978	888/MED-EL-CI (633.3524)
Direct links to Customer Service/ Audiologist on Call	Customer Service	Customer Service	Submit form for assistance

www.morgan.k12.il.us/isd/outreach_services_CISupport.html

Training and Services at no cost

Contact:

☎ **Outreach Staff**	**(217) 479-4393**
☎ **Toll Free**	**(877) 339-2686**
🖷 **Fax**	**(217) 479-4328**
⌨ **Email**	**dhs.isdoutreach@illinois.gov**

Illinois School for the Deaf
125 Webster
Jacksonville, IL 62650
www.morgan.k12.il.us/isd/outreach_services.html