Development of an Institutional Partnership for Clinical Education

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Wayne State University & Henry Ford Hospital

Wayne State University: The Institution
- 3rd largest university in Michigan
- Carnegie I Research institution
- Located in the cultural center of metropolitan Detroit
- Over 30,000 students
- About 350 undergraduate and graduate degree programs
- Mission combines research & teaching excellence
- Service to over 5 million people in the metro Detroit area

Wayne State University: History of the Audiology Program
- The beginning
  - College of Liberal Arts
- 1965
  - Clinical training moved to Wayne State University Medical School
  - John Gaeth
  - William Rintelmann
  - George Lynn
- 1995
  - Rejoined SLP in Liberal Arts & Sciences

Wayne State University Audiology: Recent History
- Moved to the Rackham Building in 2005
  - Allowed expansion of our facilities
- Carls Foundation
  - Funded development of internal audiology clinic in Rackham
  - Construction completed in 2009
  - Free diagnostic clinic

Wayne State University Audiology: Recent History
- Programs
  - B.A. Communication Sciences & Disorders
  - Post-bachelor
  - M.A. (SLP)
  - Au.D.
  - Ph.D.
- Au.D. program began accepting students 2002

Henry Ford Health System: The Institution
- Founded in 1915 by Henry Ford
- Over 18,000 employees
- 1,200 Medical Group Members
- 6 hospitals
- 25 outpatient centers
- Over 3.1 million outpatient visits annually
- Over 15,000 appointment slots per day
- 17 audiologists at 4 sites
Henry Ford Health System: History of the Audiology Program

- History of clinical education
- History of research
- History of collaboration with otolaryngology
- History of ENT Residency training

Henry Ford Health System: Audiology Clinical Education

- HFH program began as a fellowship in 1980s
- Last full class of Fellows in ‘04
- Hybrid class of Fellow/Externs in ‘05
- Full class of Externs since 2006

Henry Ford Health System: History of the Externship Program

- 22 Externs from 18 Universities
  - A.T. Still University
  - Auburn University
  - Bloomsburg University
  - Central Michigan University
  - East Tennessee State University
  - Gallaudet University
  - Indiana University
  - Northwestern University
  - Nova Southeastern University
  - Rush University
  - Texas Tech University
  - University of Iowa
  - University of Louisville
  - University of Nebraska
  - University of Pittsburgh
  - University of Wisconsin
  - Vanderbilt University
  - Wayne State University

History of the Relationship with WSU: Neighbors

- 1.5 miles

Henry Ford Health System: History of the Relationship with WSU

- Long history of clinical education at Henry Ford
- Previous semester-long placements of students
  - Adult & pediatric auditory & vestibular diagnostics & rehabilitation

Traditional WSU Model

- 1st year: Lab experience
- 2nd & 3rd year: Local semester-long 20 hr/week externship experiences
- 4th year: Concentrated 40 hr/week externship experience at a single institution
Clinical Training Challenges

• Traditional Model
  – Students wanted direct clinical experience earlier in program
  – External sites individualized
    • Differing levels of training
    • Differing experiences
    • Different pace of clinical skill acquisition

Clinical Training Enhancements

• Early clinical experience
• Consistency of clinical experiences
• Greater direct oversight of clinical training
• Clinical training more closely aligned to academic training
• Better measurement of program & training outcomes

The Model

• Clinical education provided by & coordinated by practicing clinicians
• Residency model
  – Clinical educators “in the field” work as a team with the academic faculty
  – HFHS oversees clinical education while students at other external institutions
  – Clinical educators support development of knowledge & skills
    • Formal Staffing & Didactics
    • Research Opportunities

The Model: Staffing

• HFHS Staff
  – coordinate clinical education via contractual arrangement
  – .5 FTE to staff university clinic
  – .5 FTE to coordinate 2-4 year student placements
• WSU Staff
  – oversees clinical education from university perspective
  – .5 FTE

The Model: The First Year

• University Clinic
• Free, part-time diagnostic clinic
• Opened Feb 7, 2011
• Staffed & organized by Henry Ford Health System Audiolists
• 8 hours/week
• Weekly staffing/didactic with 2nd year students at HF (beginning Fall 2011)

The Model: The Second Year

• Henry Ford Health System
• 17 audiologists
• 20 hours/week
• Rotate through 4 clinical sites
• Weekly staffing/didactics
• Audiologic evaluation, hearing aids, electrophysiology, balance
The Model: The Third Year

- Local specialty clinics
- Still in progress...potential for
  - Pediatrics, CI, VA, IOM, balance, private practice audiology/ENT
- 20 hours/week
- Weekly staffing/didactics via electronic meetings

The Model: The Fourth Year

- 4th year externship model
- Students spend 40 hours/week in clinic
- Weekly staffing/didactics via electronic meetings

Prerequisites for Success

- Wayne State University
  - Faculty
  - College
- Henry Ford Health System
  - Audiology Staff
  - Department
  - Graduate Medical Education

Factor Contributing to Success

- People
  - Institutional Leadership
  - Interested staff & faculty
- Timing
  - Staffing changes at WSU
  - Henry Ford & WSU Medical School relationship
- Institutional Factors
  - Role of Audiology in HFMG

Early Challenges

- People
  - “Sibling Rivalry”
  - Existing Clinical Sites

Detroit, Michigan

Henry Ford Hospital
Wayne State University