2010 Award for Innovation
College of Music is one of the largest and most respected comprehensive schools of music

1,650 students enrolled and training to become music professionals
- 70% undergraduate
- 350 in teacher training programs
- 100 employed as Teaching Fellows or Assistants
- 75 employed as hourly workers
- Many work as performing musicians while in school

Non-student employees
- 100 full time faculty
- 50 adjunct faculty
- 40 full time staff

Over 40 different ensemble-based learning activities that meet daily

Over 1000 performances per year (in addition to instructional activities)

Interface with Environment, Health, and Safety Department
“I believe that every person learning about music in the United States, from early grade school through college, must be taught to understand that music is a sound source capable of harming hearing and that music can be studied, practiced, performed, and consumed in ways that are not risky to hearing.”

Kris Chesky
# 1: TAKE A STAND

http://www.unt.edu/hpsm/

Position statements by MENC and MTNA
Apply Safety in Instructional Activities Policy to Music Classes

Develop Educational Goals and Objectives to Implement Policy

Design and Offer Occupational Health Course for Music Students

Develop and Disseminate Support Materials for Music Educators
# 3: RESEARCH


# 4: Establish Exposure Databases
Includes over 600 individual instructional events

Demonstrates:

• Need for hearing conservation (40% exceeded 100% Dose)
• Inadequacy of snapshot views and limited repeated measures
• Need for continuous measures due to high variability over time
• Need for new measurement technologies & analytic procedures
• Pedagogic elements as critical predictors of risk
# 5: Dosimeter Metrics

“Percentage of time at dynamic levels” view can be used to compare events.
Method includes time series data to calculate measures of moments and dispersion.

Indices are used to explain fluctuations in dose generated during instructional activities.
Can be used to explain fluctuations in dose across genre, room, and instructor.
# 6: Direct-Reading Exposure Assessment Methods

- Modeled after NIOSH D.R.E.A.M. Initiative
- Working with UNT College of Engineering to develop new hardware and software solutions.

**Goal:**
- To have automated system for surveillance program
- To provide automated feedback to ensemble teachers
What’s Next?

NASM NATIONAL ASSOCIATION OF SCHOOLS OF MUSIC
Thank You

HPSM
Miriam Henoch
Elliot Berger
Marshall Chasin
Ross Roeser
Jennifer Tufts
Laura Wilber

NHCA Task Force
Brian Fligor
Marshall Chasin
Lee Hager
Michael Santucci
Laurie Wells

NASM Agenda
Ross Roeser
Mary McDaniel
Thais Morata
Clay Miller
Kris English
Rick Neitzel

UNT
Miriam Henoch
Kamakshi Gopal
Vijay Vaidyanathan
Amyn Amlani

College of Music Administration
Faculty
Students

Deanna Meinke, Thais Morata
& “Expert Committee Members”