## TIMPANI CLINIC – MONTANA PAS DAY OF PERCUSSION April 20, 2012 – MSU-Billings

### Mechanics

- Machine vs. Musical Instrument
- Lubrication points, bearing edge (spray vs. Teflon tape)

## **Timpani Sizes and Ranges**

- Effect on pedal mechanism/slippage
- Head tension
- Choices in performing literature

### **Tuning**

- Regular collar, extended collar
- Head sizes, Ludwig numbering, Remo, Evans
- Head size chart
- Head mounting, seating
- Head clearing (tempering, balancing)

"In tuning timpani, the accuracy will depend ever so much on how absolutely clear the head is tuned at every spot. There must positively be no falseness and this is one of the most difficult phases of timpani playing to master." - Cloyd Duff

- o TAP Gauge
- o Drum Dial
- Ear training, pitch matching, tuning fork, pitch pipe
- Finger tap vs. Mallet tap
- Pedal up to note needed vs. down

# **Playing Spots**

- Primary Channel, Secondary and Tertiary Areas
- Location on head, relation to pedals

# **Playing Techniques**

- Grip (French, German, American)
- Fulcrum point, manipulation
- Natural Rebound, Lift, Touch, Finesse

#### Mallet Selection

- Basic, High School, College/Advanced

# **Moving Instruments**

- frame instead of head/collar
- head covers, drop covers, cases/trunks

#### Other

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