

Fred Mills (1935-2009) was a music professor at the University of Georgia from 1996 to 2009, and a 1992 Grammy Awards nominee. He made more than 40 recordings as a trumpeter with the Canadian Brass from 1972 to 1996.

Fred played principal trumpet with both the American Symphony and Houston Symphony orchestras under Leopold Stokowski; the New York City Opera Orchestra; the New York City Ballet; American Ballet Theater; the National Arts Centre Orchestra of Canada; the Casals Festival Orchestra in Puerto Rico; and others.

He attended the Julliard School of Music and held honorary doctorates from the New England Conservatory in Boston and Hartwick College.

The Canadian Brass still performs hundreds of Fred's arrangements, many of which are now considered standard brass quintet repertoire, including Bizet's Carmen, Pachelbel's Canon, and Bach's Toccata and Fugue in D minor.

A two CD set, To Fred With Love, The World's Finest Brass Players Pay Tribute to Fred Mills, includes performances by Phil Smith, Joe Alessi, Arturo Sandoval, Charles Schlueter, Allen Vizzutti, Marvin Stamm, Ronald and Avis Romm, Warren Vaché, Chris Martin, The Canadian Brass, the Pentabrass, the German Brass and many others. All profits from the CD benefit the Fred Mills Memorial Endowment, a trumpet scholarship, at the University of Georgia.

To give to the Fred Mills Memorial Endowment, go to <http://t.uga.edu/12e>

To purchase or download the two CD set To Fred With Love go to: www.AppleJazz.com, iTunes, or www.Amazon.com

INTERVALS	4
SCALE AND APREGGIO FLOW STUDIES . .	7
SCALE AND APREGGIO FLOW STUDIES . .	10
(Two Octave)	
OCTAVAL INTERVALS	22
LOWER NEIGHBOR ARPEGGIOS & MODES .	27
INTERVAL AND EAR STUDIES	34
DIMINISHED ARPEGGIOS FOR UPPER ACHIEVEMENT	50
TRUMPET CALISTHENICS	54

INTERVALS

(Two Octave)

The image displays five numbered musical exercises, each consisting of two staves of music. Exercise 1 is in G major (one sharp) and 4/4 time. Exercises 2 and 4 are in D major (two sharps). Exercises 3 and 5 are in B-flat major (two flats). Each exercise features a sequence of intervals across two octaves, with a fermata at the end of the second staff. Exercise 1 includes an asterisk and a comma above the first staff.

* At faster tempos, play in one breath

SCALE & ARPEGGIO FLOW STUDY

(Two Octave)

25

IONIAN DORIAN PHRYGIAN

This staff shows the first three scales: IONIAN, DORIAN, and PHRYGIAN. Each scale is written in a treble clef with a key signature of one sharp (F#) and a 4/4 time signature. The scales are connected by a large slur. The IONIAN scale is the first two measures, DORIAN is the next two, and PHRYGIAN is the final two. The notes are: IONIAN (C4, D4, E4, F#4, G4, A4, B4), DORIAN (C4, D4, E4, F4, G4, A4, B4), and PHRYGIAN (C4, D4, E4, F4, G4, A4, Bb4).

LYDIAN MIXOLYDIAN AEOLIAN LOCRIAN

This staff shows the next four scales: LYDIAN, MIXOLYDIAN, AEOLIAN, and LOCRIAN. The scales are connected by a large slur. The notes are: LYDIAN (C4, D4, E4, F4, G4, A4, B4), MIXOLYDIAN (C4, D4, E4, F4, G4, Ab4, B4), AEOLIAN (C4, D4, E4, F4, G4, Ab4, Bb4), and LOCRIAN (C4, D4, E4, F4, G4, Ab4, Bb4).

This staff shows the next two scales, continuing the sequence from the previous staff. The notes are: Scale 5 (C4, D4, E4, F4, G4, Ab4, B4) and Scale 6 (C4, D4, E4, F4, G4, Ab4, Bb4).

This staff shows the next two scales, continuing the sequence from the previous staff. The notes are: Scale 7 (C4, D4, E4, F4, G4, Ab4, Bb4) and Scale 8 (C4, D4, E4, F4, G4, Ab4, Bb4).

MAJOR MINOR (b3)

MAJOR MINOR (b3)

This staff shows the MAJOR and MINOR scales. The MAJOR scale is written with a slur and a '3' below it, indicating a triplet. The MINOR scale is also written with a slur and a '3' below it. The notes are: MAJOR (C4, D4, E4, F4, G4, A4, B4) and MINOR (C4, D4, Eb4, F4, G4, Ab4, Bb4).

DIMINISHED (b3, b5, bb7) AUGMENTED (#5)

DIMINISHED (b3, b5, bb7) AUGMENTED (#5)

This staff shows the DIMINISHED and AUGMENTED scales. The DIMINISHED scale is written with a slur and a '3' below it. The AUGMENTED scale is also written with a slur and a '3' below it. The notes are: DIMINISHED (C4, D4, Eb4, F4, Gb4, Ab4, Bb4) and AUGMENTED (C4, D4, E4, F4, G#4, A4, B4).

WHOLE TONE (#4, #5, b7)

WHOLE TONE (#4, #5, b7)

This staff shows the WHOLE TONE scale. The scale is written with a slur and a '3' below it. The notes are: WHOLE TONE (C4, D4, E4, F#4, G4, A4, Bb4).

CHROMATICALLY EXPANDED OCTAVAL INTERVALS

38

Exercise 38 consists of three staves of music in G major (one sharp) and 4/4 time. Each staff contains four measures of music. The first two staves feature eighth-note patterns with chromatic expansions of octaves, while the third staff features a similar pattern with some notes in the lower register.

39

Exercise 39 consists of three staves of music in C major (no sharps or flats) and 4/4 time. Each staff contains four measures of music. The first two staves feature eighth-note patterns with chromatic expansions of octaves, while the third staff features a similar pattern with some notes in the lower register.

40

Exercise 40 consists of three staves of music in B-flat major (two flats) and 4/4 time. Each staff contains four measures of music. The first two staves feature eighth-note patterns with chromatic expansions of octaves, while the third staff features a similar pattern with some notes in the lower register.

"G Center"

INTERVAL & EAR STUDIES

Minor 2nd

Major 2nd

62

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, A4, B4, C5, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, A4, B4, C5, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

Minor 3rd

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, Bb4, C5, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, Bb4, C5, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

Major 3rds

Whole Tones

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, B4, C5, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, A4, B4, C5, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

Perfect 4ths

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, C5, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, C5, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

Tritone - Augmented 4ths/Diminished 5ths/Herbert L. Clarke

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, Bb4, C5, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, Bb4, C5, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

Perfect 5ths

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, D5, E5, F5, G5, with a slur underneath. The second measure shows a sequence of notes: G4, D5, E5, F5, G5, with a slur underneath. The notes are separated by a double bar line.

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, F5, E5, D5, C5, B4, A4, G4, with a slur underneath. The second measure shows a sequence of notes: G4, F5, E5, D5, C5, B4, A4, G4, with a slur underneath. The notes are separated by a double bar line.

Minor 6ths

A musical staff in 4/4 time with a treble clef. It contains two measures of music. The first measure shows a sequence of notes: G4, F5, E5, D5, C5, B4, A4, G4, with a slur underneath. The second measure shows a sequence of notes: G4, F5, E5, D5, C5, B4, A4, G4, with a slur underneath. The notes are separated by a double bar line.