

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 Pentabass, 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 Tax Deductible Donations to the Fred Mills Memorial Endowment, go to <http://give.uga.edu/FredMills>. or contact Fred Mills Memorial Scholarship Fund
% UGA Foundation
394 S. Milledge Ave, Ste 100
Athens, GA 30602

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)

1

* ,

2

3

4

5

* *At f*

www.hickeys.com



**HICKEY'S
MUSIC CENTER**

104 Adams Street • Ithaca, NY 14850
607.272.8262 • 1.800.HICKEYS (1.800.442.5397)
www.hickeys.com

11 

12 

SCALES & ARPEGGIOS

see Notes on page 4

SCALE & ARPEGGIO FLOW STUDY

(One Octave)

13 *(In one breath)* 

DIMINISHED (b3, b5, bb7) AUGMENTED (#3, #5, #7) WHOLE TONE (#4, #5, b7)



14 



www.hickneys.com

SIMPLE OCTAVAL INTERVALS AND CHROMATICALLY EXPANDED OCTAVAL INTERVALS

These slurred, three octave studies in 4ths and 5ths should be played as evenly as possible.

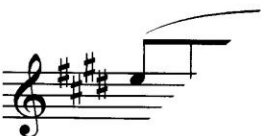
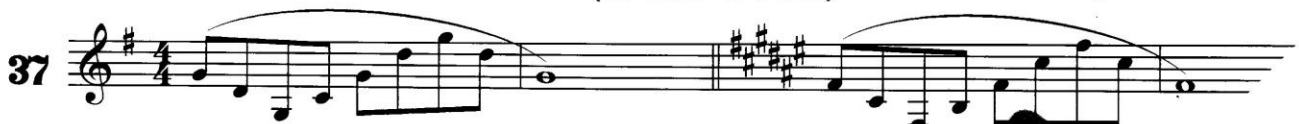
Think of the notes as all being on the same plane, rather than going up and down. Keep your air flow free and even, and keep an image in your head of the air going straight through the horn and out the bell. The higher and lower notes will come out evenly if you use faster and slower air, not by forcing them up and down.

Keep the horn as still as possible. Do not move your trumpet up and down, as this interrupts the flow of air.

As with all of the studies in this book, try to achieve the same volume and quality of sound on each note and play with a full, rich sound.

SIMPLE OCTAVAL INTERVALS

(In 4ths & 5ths)



**HICKEY'S
MUSIC CENTER**

104 Adams Street • Ithaca, NY 14850
607.272.8262 • 1.800.HICKEYS (1.800.442.5397)
www.hickeys.com

LOWER NEIGHBOR ARPEGGIO & MODES

after William Vacchiano

Edited by
Fred Mills

Play both slur models

50

IONIAN

AEOLIAN

LYDIAN

DORIAN

MIXOLYDIAN

This section contains four staves of music, each representing a different mode. The first staff (measures 50-54) is for the Ionian mode, featuring a treble clef, a key signature of one sharp (F#), and a 2/4 time signature. It shows a sequence of arpeggios with slurs and triplet markings. The second staff (measures 55-59) is for the Aeolian mode, also in 2/4 time with a key signature of one sharp. The third staff (measures 60-64) is for the Lydian mode, in 2/4 time with a key signature of two sharps (F#, C#). The fourth staff (measures 65-69) is for the Dorian mode, in 2/4 time with a key signature of two sharps. A large watermark 'www.hickeys.com' is overlaid diagonally across the middle of the page.

51

This staff shows measure 51, which begins with a treble clef, a key signature of two sharps (F#, C#), and a 2/4 time signature. It contains a sequence of notes with slurs.

This staff shows measure 52, continuing the sequence from measure 51 with slurred notes.

This staff shows measure 53, continuing the sequence with slurred notes.

This staff shows measure 54, the final measure of this section, with slurred notes.



HICKEY'S MUSIC CENTER

104 Adams Street • Ithaca, NY 14850
607.272.8262 • 1.800.HICKEYS (1.800.442.5397)
www.hickeys.com

"G Center"

INTERVAL & EAR STUDIES

62

Minor 2nd

Major 2nd

Minor 3rd

Major 3rds

Whole Tones

Perfect 4ths

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

Perfect 5ths

Minor 6ths

www.hickeys.com



HICKEY'S
MUSIC CENTER

104 Adams Street • Ithaca, NY 14850
607.272.8262 • 1.800.HICKEYS (1.800.442.5397)
www.hickeys.com

DIMINISHED ARPEGGIOS
for upper acheivement

68



69



70



71



www.hickeys.com



**HICKEY'S
MUSIC CENTER**

104 Adams Street • Ithaca, NY 14850
607.272.8262 • 1.800.HICKEYS (1.800.442.5397)
www.hickeys.com