

*PROGRAM*

**I. Introduction**

- A. Preface
- B. Understanding Harmonics
  - i. The Basics
  - ii. The Division of the Octave
  - iii. The Division of the Fifth
- C. The Historical Basis
- D. The Practical Application

**II. Demonstration of the Exercises**

- A. Alex: The Seven Harmonic Points
- B. Olga: One-Fourth
- C. Alex: One-Third; One-Fourth and One-Third Combined
- D. Nick: One-Half; One-Fourth, One-Third, and One-Half Combined
- E. Alex: Two-Thirds; Three-fourths; Five-Sixths; and Seven-Eighths
- F. The Etudes

**III. Conclusion**



UNIVERSITY OF OREGON • SCHOOL OF MUSIC

Collier House  
1:00 p.m.

Tuesday afternoon  
May 10, 2005

DOCTORAL LECTURE

***ALEX KELLY, cello***

*A NEW PROPORTIONAL APPROACH TO  
CELLO TECHNIQUE: MAPPING THE  
FINGERBOARD WITH SEVEN HARMONIC POINTS*

assisted by

***Nicholas Toben  
Olga Botvonnick***

This lecture is presented in partial fulfillment of the requirements for the Doctor of Musical Arts in Cello Performance

Alex Kelly is a student of Steven Pologe

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105th Season, 113th program

