

STANFORD UNIVERSITY
STANFORD, CALIFORNIA 94305

DEPARTMENT OF MUSIC
CCRMA

15 January 1985

Mr. William R. Hewlett
Hewlett-Packard Company
1501 Page Mill Road
Palo Alto, CA 94304

Dear Bill:

Your suggestion that we should meet your son Walter has been a great help to us, and some help to him, I believe.

We were able to tell Walter about the Yamaha DX7 synthesizer and a standard Midi interface which will be helpful to him in putting musical scores into his computer in a standard form and which will allow him to hear the scores in the computer file, to check for errors.

While we have a number of good composers and performers at CCRMA, we don't have any musicologists. Walter's musicological knowledge could be of great value in an NSF project that is under way at CCRMA. We are trying to go directly from the musical sound of a performance to a musical score. In order to do this, some information must come, not from the sound itself, but from the rules of music. Also, such rules can be used to detect errors in pitch extraction. Too, the proper notation among several that would be played the same should be chosen.

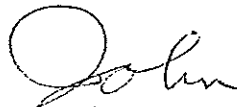
Walter has visited us several times, and we hope he will agree to serve as a consultant on the project.

We have shown him a fair sampling of our work, and he brought Dave Packard's son, David Woodley, around.

I mentioned our need to find a sponsor for the studio that will be built at the Knoll, and some of our other needs, but most our talk has been about mutual technical and musical interests.

This was just to let you know the effect of your letter, and to wish you a Happy New Year.

Yours,



John R. Pierce
Visiting Professor
of Music, Emeritus

JRP/hk