

from this what we think they are?"

Researchers, who will analyze the data over the next few months, say their results may eventually help doctors treat victims of strokes or Alzheimer's disease.

"We want to understand more about how the brain works.

"If the conductor is conveying excitement, we expect to see that in the musicians, and a second or two later in the audience," Levitin continued. "Of course, we might not. It might be that the musicians

are not conveying what we think they are. Is the audience taking

Lockhart, the guest conductor, wore a tight-fitting shirt with electrodes snaking all over his upper body. The sensor on his right wrist popped out of place early in the performance, forcing technicians to reattach it.

Lockhart said the loose sensor was a distraction, but not a deterrent. He's looking forward to being wired up during more challenging pieces.

"A Puccini opera ... something that takes peoples' breath away," Lockhart said. "I'm proud of everything we do, but some music is intended to take you out on a limb, and some music is a little more balanced. People generally don't have incredibly tragic responses to Dr. Seuss, so you're not going to get the full gamut of emotional range."

Overall, he said it was "a good way to start."

Eric Graber, 35, wore a sensor, as did his wife, Lara, and their young son, Sebastian. He agreed that researchers may not get the best results from a family concert.

"One hundred percent of your emotions are not going to be engaged with the music," said Graber, a financial services professional from Boston. "You're also going to be engaged with your children."

Graber thinks there is plenty of room for additional research.

"I'd be curious how any medium affects your emotions, how you react to what's around you," he said. "Classical music is a nice start. There's plenty of room for experimentation."

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1 of 2 5/2/06 11:00 PM