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**From:** Joscha Bach [REDACTED]  
**Sent:** Sunday, October 5, 2014 11:39 PM  
**To:** Jeffrey Epstein  
**Subject:** Funds and Research  
**Attachments:** signature.asc

Dear Jeffrey,

we have run out of funds again to pay our rent... Could I ask you for =bout 25K until the end of 2014, or 50K for the period until April, =lease?

Thank you!

Some research is coming along, btw. I have joined a group around =psychiatrist/neuro-scientist Justin Brewer that tries to understand =hich parts of the brain and mind play a role for consciousness. I have =ot an intern to help me with programming a user interface to our =ognitive architecture, and I am thinking about building tangible neural =etworks for the Media Lab, so people can play around with artificial =eural networks and understand them without having a background in =omputer science.

At PED, I am continuing some experiments with evolutionary simulation of =onreciprocal cooperation.

One of my current interests is in understanding music cognition. I have =dentified a few dimensions that make music delectable (such as =ychophysiologically pleasurable patterns, abstract structure discovery, =rance induction, social side effects etc.) and check into how I can =odel music with grammars and predictive models. Reading Arbib's =xcellent new book (Music, Language and the Brain).

Marvin has sent a short message, so I assume that he is alive and that =here is hope that I am going to meet him one of these days.

Max Tegmark has invited me to a small conference with smart people on =he future of AI in San Juan, early next year, which is certainly going =o be fun.

Thank you for making all of this possible!

Bests

Joscha