

**From:** Ross Ulbricht <rossulbricht@gmail.com>  
**Sent:** Monday, February 13, 2012 8:42 PM  
**Subject:** Re: statistician

**GOVERNMENT  
EXHIBIT  
322  
14 Cr. 68 (KBF)**

thanks joe!

On Mon, Feb 13, 2012 at 11:03 PM, JOSEPH [REDACTED]@psu.edu> wrote:  
Interestingly enough, Eric [REDACTED] (remember Elody's friend) has become a bit of a network statistics guru. Not a topologist per se, but he is focused on defining boundaries in social networks from non-parametric data, which is somewhat similar to topology I think.

I'll ask Heather if she knows of anybody expert in these things, but it's not an area that I have somebody proper who comes readily to mind.

"Information deobfuscation" sounds like a great name for all of inferential statistics :)

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**From:** "Ross Ulbricht" <rossulbricht@gmail.com>  
**To:** "JOSEPH [REDACTED]@psu.edu">  
**Sent:** Monday, February 13, 2012 9:38:38 AM  
**Subject:** Re: statistician

So, here is his response:

"I probably need someone with a background in network analysis and topology. Knowing something about information obfuscation/deobfuscation in a network setting would probably be good too."

Does that help?

On Mon, Feb 13, 2012 at 10:12 PM, JOSEPH [REDACTED]@psu.edu> wrote:  
Tell him that as long as he doesn't say what the variables are, nobody can't scoop him on the finding even if we know the type of statistical approach needed.

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**From:** "Ross Ulbricht" <rossulbricht@gmail.com>  
**To:** "JOSEPH [REDACTED]@psu.edu">  
**Sent:** Monday, February 13, 2012 6:04:10 AM  
**Subject:** Re: statistician

Yea, I am trying to help a friend who is being very hush hush, but he thought I could help him because of my physics background and I thought maybe you and heather could point me in the right direction. I'll give him your response and see if he can provide more details. Thanks Joe!

On Mon, Feb 13, 2012 at 1:24 PM, JOSEPH [REDACTED]@psu.edu> wrote:

Not the content of the problem, but perhaps the type of data and analytic problem (e.g. time series/econometric panel data with lagged effects; factor analysis; power analysis; etc.), the domain of statistics....Heather knows and occasionally asks for help from a pretty impressive group of stat phds scattered around the country, and I know a few decent ones myself, but you wouldn't ask most of them unless it was like--"hey, you're the best at this, so of course when I'm trying to solve this I come to you", if it wasn't their thing, it would be weird to ask them

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**From:** "Ross Ulbricht" <[rossulbricht@gmail.com](mailto:rossulbricht@gmail.com)>

**To:** "JOSEPH [REDACTED]@psu.edu">

**Sent:** Sunday, February 12, 2012 8:53:09 PM

**Subject:** Re: statistician

Someone you could take a life or death stats problem to and be confident in their answer. I never knew your middle name was [REDACTED]. Same as my uncle.

On Mon, Feb 13, 2012 at 4:11 AM, JOSEPH [REDACTED]@psu.edu> wrote:

Wow, good question.

In terms of lifetime achievement or current "hotness"?

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**From:** "Ross Ulbricht" <[rossulbricht@gmail.com](mailto:rossulbricht@gmail.com)>

**To:** "Joseph [REDACTED] [REDACTED]@psu.edu">

**Sent:** Sunday, February 12, 2012 6:46:34 AM

**Subject:** statistician

who are the top 5 statisticians in the world besides Heather?