Thanks.

—

(Tip: Use NRR to mean No Reply Required - thank you!)

> On May 29, 2017, at 12:45 PM, jeffrey E. <jeevacation@gmail.com> =rote:
>
> ill edit , over the next few days   good first draft
>
> On Mon, May 29, 2017 at 12:19 PM, Joichi Ito ███████████████████ =rote:
> How about this?
>
> We propose a "One Science" initiative hosted at the =edia Lab to generate and launch a number of collaborative research =rograms in science by approaching the development of the questions as =ell as the framework for addressing them in a new and nontraditional =ay. This will require discretionary funding that allows flexibility, =ivoting and interdisciplinary collaboration beyond the constraints of =ypical foundation and federal funding approaches.
>
> Almost all of the important problems that science faces are complex =nd interdisciplinary, yet the majority of traditional research labs =till focus on a single discipline or problem. To tackle difficult =hallenges, such as curing or augmenting the human body; developing, =eploying and regulating artificial intelligence; or understanding, =esigning and managing the future of genomics and our species, we need =nterdisciplinary—and perhaps more importantly, =ntidisciplinary—groups of the best researchers in any number of =isparate fields. Working together, bound tightly in an operating group, =hese scientists are unencumbered by the "walls" of =isciplines and federal funding silos. These teams develop tools and =ull expertise from any field, exploiting "low-hanging fruit =9D discoveries in neglected areas. Unlike sciences like physics, which =ave an established paradigm, these are "pre-paradigmatic =ciences"—the principles are not yet clear, the textbook is =ncomplete, there are no hard and fast rules, so the disciplinary source =f a given revolution is highly unpredictable.
>
> While academia can attract the brightest researchers whose thinking is =ot yet encumbered by traditional disciplinary biases, it does not =ecessarily provide the best model for attracting funding for =E2 unproven" research initiatives, or for scaling. The =edia Lab's "secret sauce" is its ability to =ring together a constantly evolving community of hundreds of faculty =embers, staff researchers, and graduate students, and draw on the =roader research community at MIT and beyond. We can assemble teams of =heoretical scientists as well as engineers and designers to build new =ools and deploy them. The problems we are trying to tackle today are =ot as focused as the Manhattan Project, but rather involve a range of =xplorations in complex self-adaptive systems, such as biological =ystems. We are building a new kind of approach to advancing the =nderstanding, invention, and deployment of a non-discipline-segregated =E2 one science."
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> --
>   please note
> The information contained in this communication is confidential, may

```xml
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