



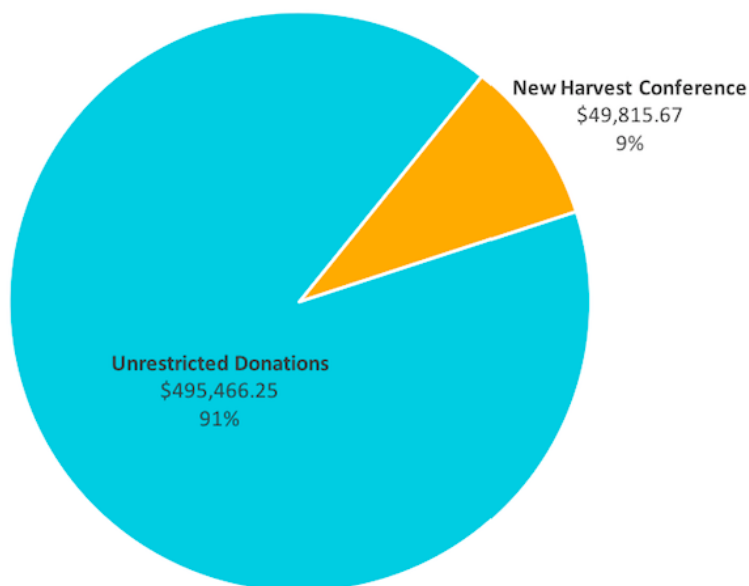
Hello, Friends of New Harvest!

February was short and sweet, a somewhat relaxed "calm before the storm" as we prepare for more heavy conference planning, busy travel schedules, and new hires. Still, we did some cool stuff, and sorted out the financials I promised last month. Shall we jump right into it?

Organization

- **Research Director interviews this week.** We accepted resumes and cover letters for our [Research Director position](#) up until March 1, and have selected 4 promising candidates for interview in the next few days. There are already a couple standouts. We should have a decision made by mid-month.
- **Our unaudited 2016 financials.** We switched accountants and accounting software at the end of last year, which put some delay on getting these numbers out to our donors. I'm happy to share our income and expenses broken down into classes, for 2016. These are all the contributions that are attributed directly to New Harvest. What is not represented here is the \$380,000 commitment made by the Shuttleworth Foundation. I am happy to clarify the details of this arrangement for anyone who is interested; in summary, Shuttleworth funding is "unlocked" through a pitch process.

New Harvest's 2016 Sources of Income



As you can see, the majority of New Harvest's income is in the form of unrestricted contributions from our donor community. The rest of the income was in the form of ticket sales and sponsorship for the New Harvest 2016 conference.

New Harvest's 2016 Expenses by Class



We categorized our expenses into 5 categories for 2016: administrative expenses, fundraising expenses, and three program expense categories:

the New Harvest conference, our communications efforts, and our research efforts. "Research" includes grants plus the staffing required to manage our research effort. With a team of three full-time staff and two interns last year, we each broke up our time into a few different categories.

For a more detailed picture of our 2016 financials, you can review our [Profit and Loss Report for 2016](#). Keep in mind that these numbers have not yet been audited.

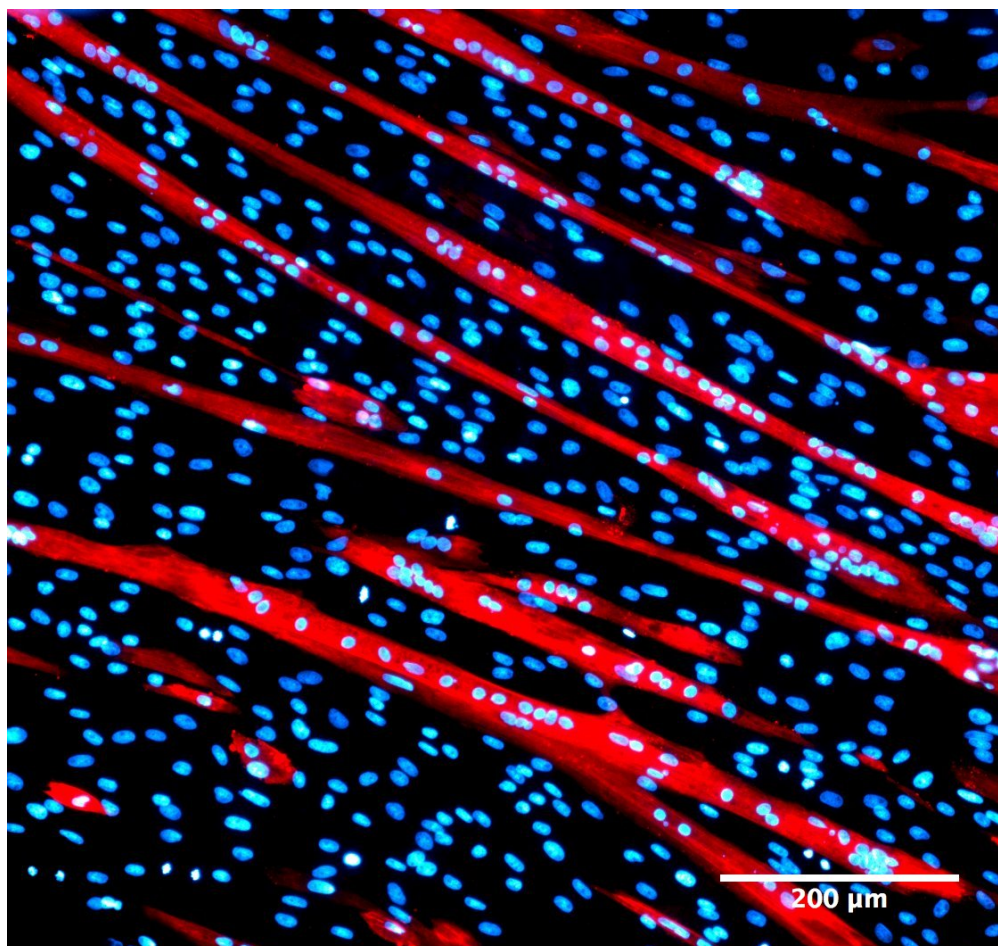
- **We're pleased to welcome Karien Bezuidenhout as our newest board member!** This news is a little bit late - in December, [Karien Bezuidenhout](#), Director of the Shuttleworth Foundation, joined our Board of Directors. We're very excited to have her on board alongside [Scott Banister](#), [Jason Matheny](#), and myself.

Fundraising

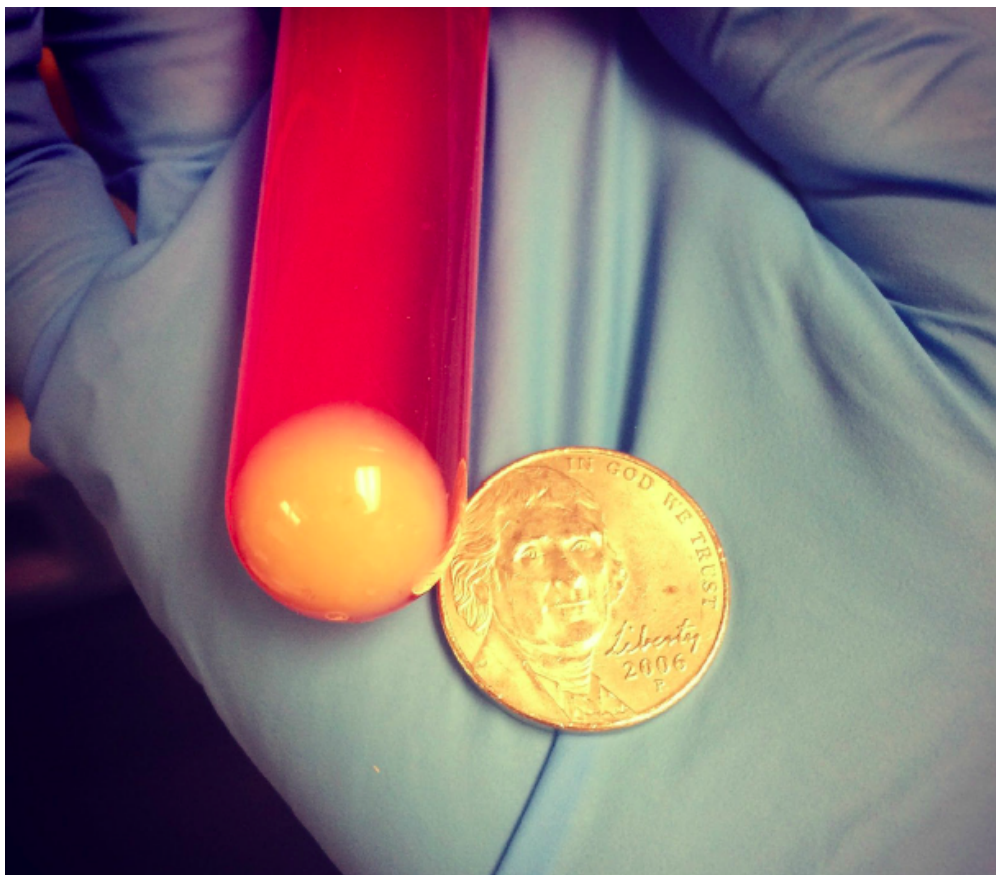
- **2017 is off to a good start!** Happy to report that New Harvest has already received \$105,225.45 in contributions between Jan 1 and March 1 of 2017. By comparison, between Jan 1 and Mar 1 of 2016, New Harvest had received \$54,269.60. Thanks for getting us off to a good start, at almost double of where we were last year!
- **More monthly contributors.** We started the year at 50 recurring donors and now we're up to 58. Not a huge dent, but promising! Our goal is to have 100 donors [making a monthly contribution](#) by the end of 2017. Monthly contributors are a huge helping hand when it comes to cash flow for any small charity. We're very grateful for the regular support.

Research

- **Two New Harvest Research Fellows at the University of Ottawa.** New Harvest Research Fellow Jess Krieger has just joined fellow Abi Glencross at the University of Ottawa for a 3-month stint experimenting at [Dr. Andrew Pelling's lab](#). They have hit the ground running, using plant roots to mimic vasculature in scaffold material, de-cellularizing celery to grow muscle cells in it, and working with pig myoblasts. Take a look at these beauties (pork myotubes, of course), isolated by Jess!



- **Turkey cell research goes serum-free.** New Harvest Research Fellow Marie Gibbons is trying new methods of culturing her turkey muscle cells (called MG1 cells, named after Marie of course!) without the use of animal serum. We're excited to see where she takes this experiment. In the meanwhile, here's a turkey "micro-nugget" that Marie has cultured in the lab.



- **New Harvest Research Fellow Retreat.** Our retreat in Ottawa March 9-13 is shaping up nicely, with help on the programming side from connections through the Shuttleworth Foundation. The retreat itself will be two days long, with lab visits on either end. We'll also be shooting some b-roll and capturing some photography for the NH archives.
- **Outsourced iPSC development.** Since moving on from New Harvest Labs, we have been investigating other ways to develop open source starter cultures of cellular agriculture. We're currently preparing a work order with Dr. Sunita D'Souza, Associate Professor of Cell, Developmental & Regenerative Biology, and Director of the human embryonic stem cell and induced pluripotent stem cell Shared Resource Facility at Mount Sinai School of Medicine in New York. At the moment, Dr. D'Souza's team is doing some preliminary experiments with pig tissue to guide our work order design.
- **Focus Group work with Hart Research and Environmental Law Institute.** The [full project page: Perceptions of Cellular Agriculture is live.](#)
- **New life cycle assessment data on cell cultured milk.** The University of West England conducted a preliminary life cycle assessment on Perfect Day's milk production compared to conventional milk production. We've

shared the update on our [Project Page](#), where you can access the full study.

- **Vegetable Scaffold Research by Dr. Andrew Pelling is half-funded!** Our pipeline proposal from Dr. Andrew Pelling at the University of Ottawa has been 50% committed by the Scott and Cyan Banister Freedom Fund. We will be hearing back March 9th to see if the other half will be funded too. Fingers crossed!

Communications

- **New Harvest 2017 Conference Planning.** We're still closing in on dates for our conference this year. It's looking like it's going to be October. We will send out a Save the Date as soon as we can.
- **Keynote and meetings at the World Government Summit in Dubai.** I was invited to speak at the [World Government Summit](#) on cellular agriculture as a climate change/agriculture solution earlier this month. I focused my talk specifically on the climate change potential of animal agriculture - in particular, methane - and the status of cultured meat research today. My main point was that methane is such a potent greenhouse gas that mitigating the release of methane in particular can be many times more effective than focusing on mitigating carbon emissions... via cellular agriculture of course.

I was also invited to an invitation-only "Conversation with Leaders" - ie. government ministers from around the world - to discuss how the future of food should progress in the face of climate change. My main point there was to increase agriculture research funding. I could easily go on and on about the missing pieces here, but I will summarize with one point which was brought to be by Dan Glickman, Secretary of Agriculture during the Clinton Administration: agriculture research funding is the same as it was in the 60s, *without inflation*. For a problem this massive, I am shocked to see 1) how there seem to be only a couple dozen organizations addressing the future of food with transformative technology and 2) how almost none of them come from an agriculture background/education. Would love to hear your thoughts on the matter!

- **Guest lecture at Yale March 27th.** New Harvest will be doing one guest lecture for a graduate course called "Social and Technical Innovations in Global Food Systems" later this month.

- **Speaking at Tufts University March 31st.** New Harvest was invited to speak at the Friedman School of Nutrition Science and Policy's Gershoff Symposium, focused on "Next Generation Food Production" at the end of the month.
- **We're on Medium.com.** We've created a publication on Medium.com to house our blog posts and to more easily allow for guest blog posts. WE will still have the blog on our website, but Medium.com will let us extend our reach, and cultivate a more active comments section. Check out the beginnings of the publication [here](#).

And I think that's about it for this month. Stay tuned for news on the Research Director - I hope you're as excited as I am to see a new member on New Harvest's team. Don't forget that *all of our cherished donors* (that means you!) are part of this team too. Truly, we could not do any of this work without your ongoing support.

Have a wonderful weekend,

Isha Datar

Executive Director, New Harvest