



[Get to know Alexis, a New Harvest Research Fellow at the University of Nebraska-Lincoln](#)

Hi friend,

I'm pleased to introduce the latest addition to New Harvest's fellowship program—a scientist spearheading cultured meat research in a state where "The Beef State" used to be emblazoned on license plates.

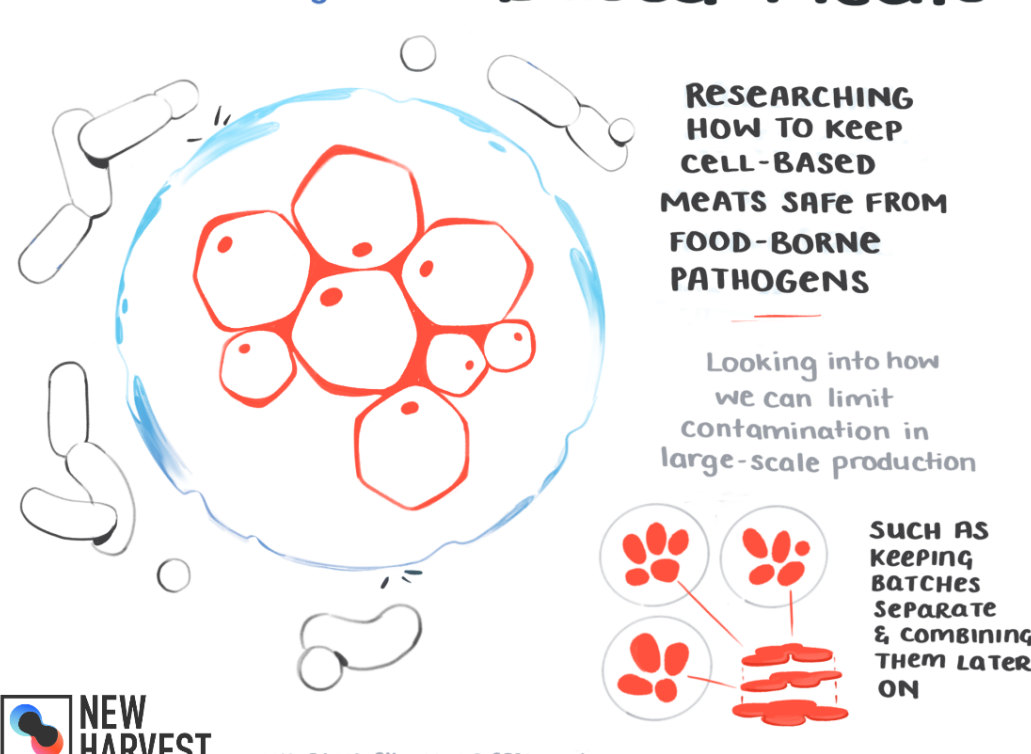
Alexis Garrett is a PhD candidate at the University of Nebraska-Lincoln developing scaffolds for cultured meat production. Unlike most NH research fellows, Alexis doesn't come from a biology background. Instead, she brings expertise in mechanical engineering.

With unique insight into the manufacturing challenges of cell culture, Alexis aims to improve the production speed of cultured meat. Specifically, she is researching how to use stereolithography instead of conventional extrusion-based tools to more efficiently achieve textures beyond conventional ground meats (e.g. hamburgers and hot dogs). [Her end goal is to fabricate scaffolds which enable meat-analogous textures similar to a steak cut!](#)

*In other news...*

**SAM  
PEABODY**  
PhD Student  
Texas Tech University

## Quality & Food Safety of Cell- based Meats



ILLUSTRATED BY MAGGIE APPLETON

[Check out episode two](#) of the New Harvest Fellowship Series on the [Cultured Meat and Future Food Podcast](#). Alex Shirazi interviews NH fellow Sam Peabody about food safety as it relates to cell-cultured meat, poultry, and seafood. Give it a listen! Audio and transcript [here](#)

- NH Fellow Scott Allan spoke with IRNAS about customizing bioreactors for cell-based meat. Watch the recording [here](#).
- Perfect Day [raised 300 million to scale up their cow-free dairy production](#)!!! Can you believe that what started as the [New Harvest Dairy Project](#) is now selling cow-free dairy ice cream (and soon...cream cheese) 🧀 We hadn't even "invented" the term "cellular agriculture" when the idea for this company was born. This success story for Perfect Day, New Harvest, and the industry as a whole wouldn't have been possible without all our early donors who took a leap of faith in NH. Thank you for believing in a world where animal products can be grown without animals.
- Cell Agri released an updated version of their [cellular agriculture ebook](#). It is a complete introduction to cell ag for those without a scientific background and a must-read for anyone entering the field.
- [Early bird tickets are now available](#) for the virtual Cultured Meat Symposium. Leaders in the cultivated meat industry will discuss regulation, automation, and scale. We'll be there—join us!

Take care!

*Muna*

#### OPPORTUNITIES IN CELLULAR AGRICULTURE

- NH Research Fellow Dr. Ricardo Gouveia is guest editing a [special issue of the International Journal of Molecular Sciences focused on cellular agriculture](#). He is looking for reviews and original research articles. Submissions are due November 30, 2020.
- [Mission Barns](#) is hiring for a [number of non-technical positions](#) in Berkeley, CA.
- [Artemys](#)—a cultured meat company founded by former NH fellow Jess Krieger is [hiring for a number of technical positions](#) in San Leandro, CA.
- [Biomilk](#)—a women-owned cell ag infant nutrition company is [hiring a Research Associate and Cell & Tissue Engineer](#) in Durham, North Carolina.
- [Orbillion](#)—an early-stage company still in stealth mode is [hiring a Scientific Lead](#) in Berkeley, CA.
- [Gourmey](#)—a cultured meat company focusing on foie gras is [hiring a food scientist](#) in Paris, France.
- NH Fellow Dr. Ricardo Gouveia is seeking a [PhD candidate in bioengineering](#) interested in industry-academia partnerships for his lab at Newcastle University.

For a comprehensive list of jobs, check out [Cell Agri](#)!

**Donate today**

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