

## TINY BEAM FUND SUPPORTED PROJECTS AND WORK

(SINCE ITS FOUNDING IN 2019)

### 1. Burning Questions Initiative: Fellowships for Individuals

This is Tiny Beam Fund's flagship program. Fellowship recipients are all PhD holders or students. They work on topics relevant to this [list](#) of "burning questions" related to negative impacts of global animal agriculture submitted by front-line NGOs tackling these impacts. A key deliverable of a fellowship recipient is a "Guidance Memo" aimed at helping these groups deepen their understanding of the issues they have asked in their questions.

#### *Guidance Memos, organized by date*

*In Progress as of January 2022*

Provisional Title	Keywords	Authors / Fellowship Recipients
<b>Enabling CAFOs in Argentina: The case of the 2020-21 Argentina-China agreement to build mega intensive pig farms in Argentina with investments from Chinese corporations, and the role of Argentina's veterinarians in the intensification of animal agriculture</b>	financial investments; governments; veterinarians; industrial pig farms; China; Argentina	Silvina Pezzetta
<b>Production and consumption of industrial food (especially poultry), and the spread of avian flu in Egypt</b>	industrial food systems; food supply and demand; poultry; Egypt	Marion Dixon
<b>Can getting student canteens in public universities in Argentina to serve pre-set vegetarian meals reduce meat consumption of these students and costs for the universities?</b>	meat consumption; vegetarian diet; universities; Argentina	Alexandra Navarro
<b>Views of smallholder family dairy farmers and agriculture extension agents in the Brazilian state of Santa Catarina toward industrialized and other systems of farm animal rearing</b>	dairy farming; smallholders; extension agents; Brazil	María José Hötzel; Luiz Carlos Pinheiro Machado Filho; Matías Javier Hargreaves Méndez
<b>Transitioning low- and middle-income countries' large-scale commercial livestock producers away from animal agriculture into alternative livelihoods, with a focus on Brazil</b>	Large-scale livestock producers; transition away from animal agriculture; Brazil	Peter Newton
<b>Guidance to those tackling negative impacts of industrial livestock production on how to identify economic and financial drivers of such production through the case study of Indian poultry production systems</b>	industrial poultry production; economic and financial drivers; India	Mehroosh Tak; Ivo Syndicus; Ambarish Karamchedu

<b>The successful community resistance against a large-scale pig farm in Mexico</b>	local communities; corporations; pigs; Mexico	Karen Hudlet Vázquez
<b>A “reality check” on conflicting and competing claims being made about the industrial model and alternative systems of beef production in Brazil</b>	livestock production; cattle; beef; Brazil	Serena Stein

Completed in 2021

Title	Keywords	Authors / Fellowship Recipients
<b>Situational analysis of farm animal cruelty in large farms, general community and in relevant government authorities operating in Kenya</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	farm animal welfare; farmers practices; government regulations; Kenya	Maureen K. Luvanda
<b>How have corporate industrial food systems been entrenched into the Arab region?</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	agribusinesses; investments; governments; Gulf states; Egypt; Morocco; Lebanon	Christian Henderson
<b>Building bridges to promote sustainable livestock systems: Opinions of stakeholders in Brazil towards gene editing of farm animals</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	farm animals; gene editing. opinion survey; Brazil	Maria Cristina Yunes
<b>Industrial aquaculture: History, problems, potential - Political economic review and analysis of socioecological issues in global industrial aquaculture supply chains</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	aquaculture global value chains; concerns with aquaculture	Timothy Clark; Stefano Longo
<b>The meatification and re-meatification of diets: The unequal burdens of animal flesh and the urgency of plant-meat alternatives</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	meat consumption; plant-based "meat"; multinational meat corporations; U.S., Germany, Brazil, China, India, Nigeria	Allison Gray; Tony Weis
<b>Game On! Understanding the Emerging Game Meat Value Chain in South Africa</b> Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.	game industry; farming wild animals for human consumption; South Africa	Melanie Sommerville; Shirley Brooks; Tariro Kamuti; Lindokuhle Khumalo

Completed in 2020

Title	Keywords	Authors / Fellowship Recipients
<p><b>The impact of European Union Common Agricultural Policy on the intensification of animal farming in Bulgaria, Romania, and the countries that have signed association agreements with the EU</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>government subsidies; animal welfare; European Union; Bulgaria; Romania</p>	<p>Włodzimierz Gogłóza; Radosław Pastuszko</p>
<p><b>Large-scale cattle and pig production systems in three regions of Armenia: Engaging frontline persons in assessing the environmental, animal, &amp; human health conditions of these systems</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>environmental issues; animal welfare; cattle; pigs; Armenia</p>	<p>Kiara S. Winans; Irina Mkrtchyan</p>
<p><b>Living well through food: Examining messages about food in popular Kenyan media</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>media; food consumption; vegetarian; Kenya</p>	<p>Kristie O'Neill</p>
<p><b>Changing chicken in Guatemala: Relevance of poultry to income generation, food security, health, and nutrition</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>corporations; chickens; Guatemala</p>	<p>Ioulia Fenton</p>
<p><b>Supporting high welfare cage-free egg production in China</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>animal welfare; chickens; eggs; China</p>	<p>Kate Hartcher</p>
<p><b>Alimentación y Cultura en Argentina: Percepciones sobre dietas basadas en plantas, estigmatización del veganismo y desafíos actuales del activismo para reducir (y terminar) con el consumo de animales</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p> <p><b>(English version) Food and culture in Argentina: Perceptions of plant-based diets, stigmatization of veganism and current challenges of activism to reduce (and end) animal consumption</b></p> <p><i>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</i></p>	<p>food consumption; vegetarian; Argentina</p>	<p>Alexandra Navarro</p>

Completed in 2019

Title	Keywords	Authors / Fellowship Recipients
<p><b>An analysis of value-chains and market development to support the smaller-scale production of pork by ethnic minority women in the Northern Mountainous Region of Vietnam</b></p> <p>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</p>	<p>small-scale farmers; women farmers; pigs; Vietnam</p>	<p>Aaron Kingsbury; Ha Thi Hoa; Ho Ngoc Son; Kieu Thi Thu Huong</p>
<p><b>Underestimates of US emissions and global implications for industrializing animal agriculture</b></p> <p>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</p>	<p>greenhouse gas emissions</p>	<p>Matthew N. Hayek</p>
<p><b>Cattle and the climate: Why industrial production is not the solution to emissions from beef and dairy farms</b></p> <p>Click <a href="#">here</a> for highlights. <a href="#">Link</a> to download directly. <a href="#">Link</a> to companion annotated bibliography.</p>	<p>greenhouse gas emissions; environmental issues; cattle; dairy</p>	<p>Rachel Mason</p>

## 2. Burning Questions Initiative: Research Planning Grants to Universities

These grants are given university-based researchers interested in planning (or recently started) projects on issues relevant to "burning questions" asked by leaders of NGOs tackling negative impacts of industrial animal agriculture in developing countries.

Name of University	Topic / Theme of Research Project
<p><b>University of British Columbia</b></p>	<p>In emerging economies that are transitioning to large-scale, industrial animal farming systems (particularly those that may apply or have applied for EU membership), what are the pressures from parties embedded in the value chain that drive the animal farming sector in these countries to invest in industrial systems and intensify animal agriculture,?</p>
<p><b>New York University</b></p>	<p>Describe and quantify the animal welfare and environmental concerns in each of the hundreds of fish species raised in aquaculture farms, many of which are in low- and middle-income countries.</p>
<p><b>New York University</b></p>	<p>Identify networks that support or engage in sustainable agriculture across predominately agrarian low- and middle-income countries - networks that can help to shift away from factory farming and move towards agriculture systems that are more humane and sustainable.</p>

<b>New York University</b>	An investigative study into the recent interest in various countries (e.g. Mexico, Chile, Spain, China) in developing and financing large-scale farming of octopus.
<b>Royal Veterinary College</b>	A pilot study in the Indian state of Tamil Nadu to test a new research method that can be very useful in identifying links between government food policies and rising consumer demand for chickens and eggs.
<b>University of Colorado, Boulder</b>	A systematic review of the evidence to assess the efficacy of interventions to decrease consumption of animal-based food in different parts of the world.
<b>University of Edinburgh</b>	Confirm preliminary findings of viability of alternative models to industrial poultry operations in Nilgiris region of India.
<b>University of Adelaide</b>	The impact of globalization on industrial agricultural expansion and animal welfare in low- and middle-income countries reliant on halal production practices.
<b>University of Waterloo</b>	Financial supports enabling factory farming industry to expand to emerging markets, and viable interventions to impede the expansion.
<b>Lille Catholic University</b>	Strategies led by small farmers to resist expansion of factory farming in Global South, and mechanisms to learn from each other.

### 3. Kindling Initiative: Grants to Universities

A new program, the purpose of Kindling Initiative is to fire up academic researchers and institutions’ interest in the negative impacts of industrial animal agriculture, especially concerning low- and middle-income countries – building their capacity within academe, helping them to communicate their research insights and to serve as a trusted voice beyond academe.

<b>Name of University</b>	<b>Purpose of Grant</b>
<b>New York University, Center for Environmental and Animal Protection (CEAP)</b>	To hire a graduate student as the center's part-time staff for three years to serve as CEAP's first and only dedicated staff support for administering and disseminating its research, most of which involves animal agriculture in LMICs (e.g. track projects, disseminate projects' findings, organize workshops, serve as the center's webmaster, strengthen collaboration and communication with other universities and NGOs).
<b>Emory University</b>	Use report written by Yulia Chuvileva /Ioulia Fenton (Burning Questions Fellowship winner) on the rise of "industrial chicken" in Guatemala and its negative impact on income generation, public health, food security and justice in the country: 1) As an anchor to rally academics in Guatemala round issues addressed in the report. 2) As the basis for a communications campaign in Guatemala (including translating the report into Spanish and disseminating it to various groups and communities working on topics addressed in the memo).

#### 4. Fueling Advocates Initiative: Grants to NGOs

These grants are provided to not-for-profit NGOs (non-governmental organizations) to help them make use of academic research and experts to bolster their work to tackle industrial food animal production in low- and middle-income countries.

Name of Organization	Purpose of Grant
<b>Agriculture and Forestry Research &amp; Development Centre for Mountainous Region (ADC)</b>	Help small-scale ethnic minority female chicken farmers in the northern mountainous region (NMR) of Vietnam who are being harmed economically by new industrial chicken operations.
<b>Animal Equality Mexico</b>	Design and implement a model and information system that reliably estimates the number of animals at each stage of the food animal production cycle in Mexico annually.
<b>Fórum Nacional de Proteção e Defesa Animal</b>	Use academic experts to research issues related to hens welfare and pigs welfare in Brazil.
<b>Good Food Fund</b>	Use academic materials and academic experts (in and outside China) in its research into the topic of farm animals and animal welfare in Chinese culture and history, so that the papers it produces on this topic are solidly based on traditional Chinese (not Western) views and values.
<b>Institute for Agriculture &amp; Trade Policy</b>	For staff time to utilize academic research for its ongoing work against global industrial animal agriculture.
<b>Animal Equality</b>	Use local scientists to conduct research into the use of growth promotion chemicals in industrial animal farms in Mexico in order to support its public campaign and its discussions with policy makers on that issue.
<b>Global Food Partners</b>	With key involvement of academics, conduct focus groups of producers of cage and cage-free eggs in China, Malaysia, Indonesia, Thailand, Japan in order to understand their challenges in operating high animal welfare cage-free farms.
<b>World Resources Institute</b>	Engage with local academics in order to advance its work to reduce beef overconsumption and encourage plant-based diet in Brazil; also to develop idea-sharing among academics and food industry representatives on that issue.
<b>Brighter Green</b>	Engage with academics in Africa and use academic materials to help its plan to develop a new initiative about factory farming and sustainable food systems in 3-5 countries in sub-Saharan Africa.
<b>Otwarte Klatki</b>	Commission local academic researchers to review the relationship between factory farming and emerging infectious diseases and antibiotic-resistance in Ukraine and Poland.

**Sinergia Animal**

Use local academics to research the harm to human health caused by the use of antibiotics and by salmonella contamination in industrial cage-egg facilities in Indonesia, Chile, Columbia.

**Open Cages Ukraine**

Commission local academics to do economics-focused research on egg producers changing from cage to cage-free system in Ukraine, so as to show producers that cage-free system is a better investment than changing to enriched cages.