



ANIMAL LAW &
POLICY PROGRAM
HARVARD LAW SCHOOL

— **2018-2019** —

Year in Review



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Cover Photo by:
Jo-Anne McArthur/We Animals

INTRODUCTION & EXECUTIVE SUMMARY

As we complete our fourth year, the Harvard Animal Law & Policy Program (ALPP) has broadened its existing focus on the welfare of animals raised for food to include the regulation of plant-based and cell-based alternatives to animal products, along with federal legislation that could have rolled back scores of state farmed animal welfare laws. This attention included convening a closed-door “Clean Meat Regulatory Roundtable” that included a former US Secretary of Agriculture, and witnessing the impact of our first formal policy report from May 2018 that identified over 3,000 different state and local laws that potentially could have been nullified under the King Amendment to the 2018 US Farm Bill.

This year we also expanded our faculty and staff by hiring a Clinical Director and Clinical Instructor, to begin the next fiscal year, as well as hosting five Visiting Fellows and Visiting Researchers. We are all now in a new Harvard Law School building that just was completed this year and is the home of both the Animal Law & Policy Program and Clinic. Our faculty and staff continue to have substantial impact through their own extensive scholarship and policy work. We also dedicated our time and resources this year to foster and amplify the work of others by convening and hosting academic workshops and roundtables. These events explored topics such as identifying regulatory pathways for cell-based meat products, creating a new type of organization to accelerate development of alternatives to using animals in biomedical research, and establishing a humane education program in Egypt. We are extremely proud of the work we are doing and the team we continue to build. With the launch of our new Harvard Animal Law & Policy Clinic in the 2019-2020 academic year, our potential to contribute to the field of animal protection will expand even more substantially.



Credit: Jo-Anne McArthur/We Animals

PEOPLE

Animal Law & Policy Program Faculty and Staff

The Animal Law & Policy Program is led by HLS Professor [Kristen Stilt](#), who in addition to being Faculty Director of the ALPP, also is the Faculty Director of the HLS Program on Law and Society in the Muslim World. For the past two academic years, Professor Stilt also has served as Deputy Dean of Harvard Law School. Executive Director [Chris Green](#) collaborates with the Faculty Director in overseeing the Program's strategic planning, coordinating, and development efforts, while our Program Administrator [Ceallaigh Reddy](#) manages all administrative and organizational needs. Beginning in Fall 2019 our core team will expand to include not only our Clinical Director and Visiting Assistant Clinical Professor of Law [Katherine Meyer](#) and Clinical Instructor [Nicole Negowetti](#), but also Communications Manager [Sarah Pickering](#) and Clinical Fellow [Kate Barnekow](#).



[Kristen Stilt](#)
Faculty Director



[Chris Green](#)
Executive Director



[Ceallaigh Reddy](#)
Program Administrator



[Katherine Meyer](#)
*Clinic Director, Visiting
Assistant Clinical Professor*



[Nicole Negowetti](#)
Clinical Instructor



[Sarah Pickering](#)
Communications Manager



[Kate Barnekow](#)
Clinical Fellow

Visiting Fellows & Researchers

Each year the Animal Law & Policy Program hosts several Visiting Fellows and Visiting Researchers. These visiting appointments provide opportunities for outstanding scholars from a range of disciplines and legal practitioners to spend a semester or academic year in residence at HLS working on their own research, writing, and scholarly engagement on projects in the field of animal law and policy. During their stay they make use of the research facilities of the Law School and the University, participate in the intellectual life of the community, and present their scholarship in academic workshops. This past year we hosted three Visiting Fellows (whom we fund after a formal application and selection process), and two Visiting Researchers (who come to HLS with their own outside funding).

Our 2018–2019 Visiting Fellows and Researchers are listed alphabetically below with their research project titles:



Helen Harwatt

PhD, Environmental Social Science, Leeds University

Assessing the Impacts of Food Systems on Environmental Sustainability, Public Health, and Ethics



Matthew Hayek

PhD, Environmental Science and Engineering, Harvard University

Environmental Impacts from the Production and Sourcing of Farmed Animal and Plant Foods: A Geospatially Explicit Framework for Intersectional Research



Katarina Hovden

PhD Candidate, Law, University of Copenhagen

Ecological Law and the Rights of Nature



Christine Parker

PhD, Professor of Law, University of Melbourne

Developing a Conceptual Framework for Citizen-Retailer-Producer Engagement with an Integrated Range of Animal Welfare, Ecological, and Food Security Goals in Legal and Private Regulation of Farmed Animal Welfare and Production



Saskia Stucki

PhD, Law, University of Basel

Elements of a Legal Theory of Animal Rights
Human Rights and Animal Rights
International Humanitarian Law and Animal Welfare Law

New Animal Law & Policy Clinic

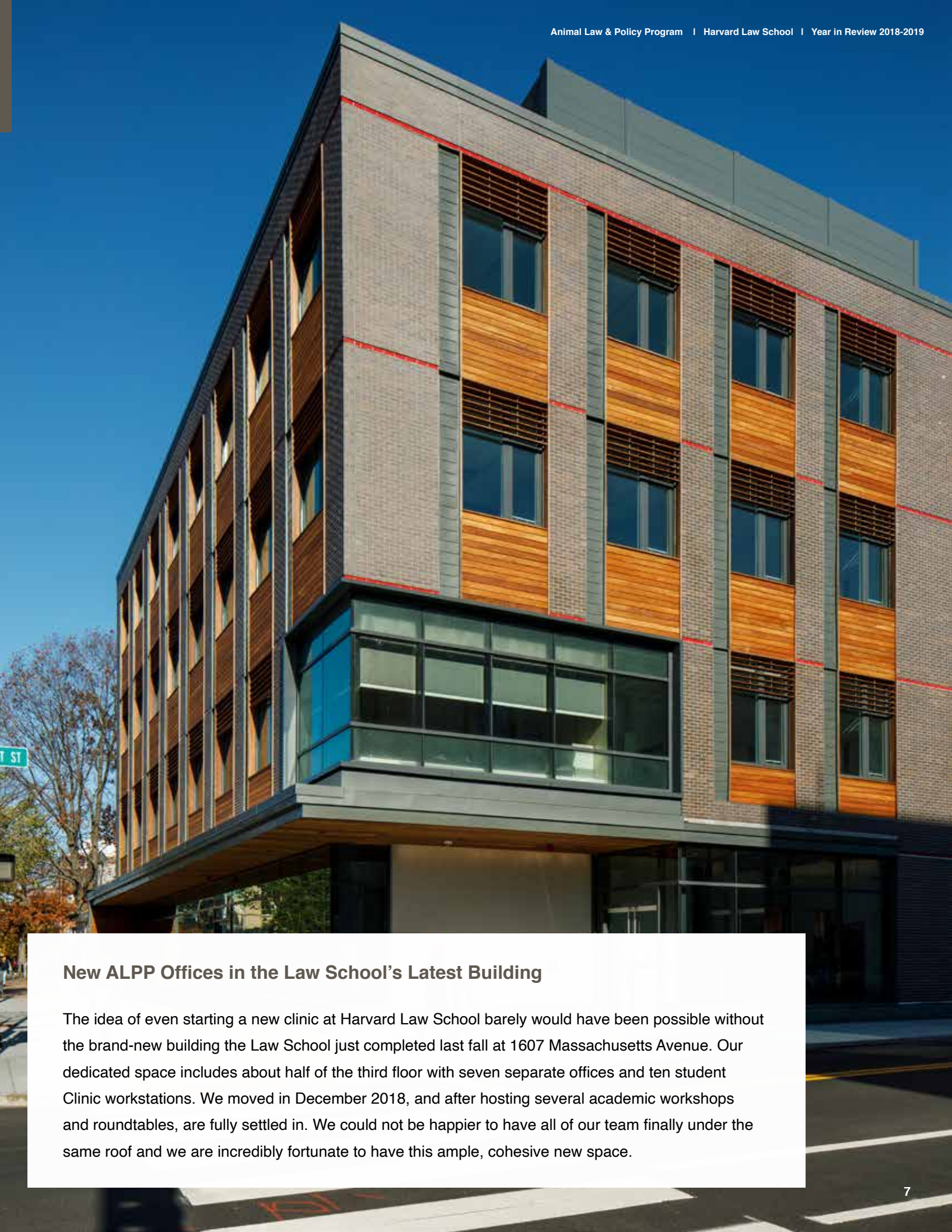
On July 1, 2019, we formally launched the Animal Law & Policy Clinic at Harvard Law School. Our new Clinic will engage some of the world's most promising legal minds to work directly on real-time animal law cases and policy projects, providing students with direct hands-on experience in policy making, research, litigation, legislation, administrative practice, and nonprofit governance—both in the US and internationally. These educational opportunities will permit Harvard Law School students to make crucial contributions to the field and train a new generation of leaders for the animal protection movement.

The Harvard Animal Law & Policy Clinic also has the ability to bring all of Harvard University's institutional strengths and resources to bear on developing creative strategies that leverage essential synergies among law, science, and public policy. The effectiveness of such initiatives will be maximized by formulating them in a setting that integrates the robust foundational support of academic scholarship with the latest developments in clinical theory and legal practice. As such, the Clinic will play an important new role by spearheading innovative initiatives that generate intellectual momentum in the practicing field and help guide the course of the broader animal protection movement.

The Clinic is under the umbrella of the Animal Law & Policy Program, and is being led by two exceptional attorneys—Clinic Director and Visiting Assistant Clinical Professor Katherine Meyer, and Clinical Instructor Nicole Negowetti. Ms. Meyer joins Harvard Law School as one of the most experienced animal

protection litigators in the field, having founded the nation's leading environmental and animal public interest law firm 26 years ago. At Meyer, Glitzenstein & Eubanks, Katherine also developed a long track record of training many other leading attorneys now practicing in the animal protection movement—as she did while teaching Civil Litigation and Public Interest Advocacy at the Georgetown University Law Center. Nicole Negowetti has been teaching at Harvard the past two years as a Clinical Instructor and Lecturer on Law with the HLS Food Law and Policy Clinic. Prior to that she was the Policy Director for the Good Food Institute and an Associate Professor of Law at Valparaiso University. As a food systems policy expert, Nicole has focused her teaching, scholarship, and advocacy on the impacts of industrial livestock production on animal welfare, the environment, and human health. In addition to her work at the Animal Law & Policy Clinic, in the 2019–2020 academic year she will be teaching a reading group on “Disruptive Food Technologies: Law, Politics, and Policy.”

A generous grant from the Brooks McCormick Jr. Trust for Animal Rights Law and Policy in October 2018 put us over the two-year funding threshold needed to establish our new Clinic. We are extremely grateful to the Brooks Trust and the other donors who have made the launch of the Harvard Animal Law & Policy Clinic become a reality and could not be more excited to add this crucial new element to our existing Program.



New ALPP Offices in the Law School's Latest Building

The idea of even starting a new clinic at Harvard Law School barely would have been possible without the brand-new building the Law School just completed last fall at 1607 Massachusetts Avenue. Our dedicated space includes about half of the third floor with seven separate offices and ten student Clinic workstations. We moved in December 2018, and after hosting several academic workshops and roundtables, are fully settled in. We could not be happier to have all of our team finally under the same roof and we are incredibly fortunate to have this ample, cohesive new space.

Program Work and Achievements

2018 US Farm Bill

On December 20, 2018, the 2018 US Farm Bill was signed into law after several years of negotiations. Appearing on Page 792 was the important line, “The Conference substitute does not adopt the House provision.” With that one sentence the potentially catastrophic King Amendment was officially rejected by the Conference Committee and deleted from the final Farm Bill—protecting existing state legislative advances to improve the welfare of farmed animals. Many in the legislative advocacy community praised [our 2018 Report](#) that analyzed the ancillary impacts the King Amendment might have on a plethora of other health, safety, and welfare laws and noted that it resonated strongly with key decision makers involved in the process—especially members of the US Senate Agriculture Committee.

Cell-Based Meat Regulation

The advent of “cellular agriculture” to grow meat products directly from cultured substrates without the need to raise, feed, transport, and slaughter live animals has enormous potential to reduce the substantial environmental, health, and animal welfare costs associated with conventional animal agriculture. Sensing that the potentially existential regulatory hurdles were not being adequately discussed (and with legislators moving to administratively sideline the technology) we convened a “Clean Meat Regulatory Roundtable” at Harvard Law School in August 2018. The idea was to scrutinize these regulatory questions as thoroughly and objectively as possible by bringing together experts and stakeholders from science, industry, government, law, academia, and advocacy to participate in a closed-door roundtable to confidentially assess the regulatory landscape, identify potential challenges, and recommend strategic paths forward.

The 25 participants included a former US Secretary of Agriculture, the heads of several cellular agriculture companies, and former attorneys from the FDA Chief Counsel's Office:

HLS Animal Law & Policy Program

- Kristen Stilt - *Faculty Director, ALPP*
- Chris Green - *Executive Director, ALPP*

HLS Food Law and Policy Clinic

- Emily Broad Leib - *Director, FLPC*
- Nicole Negowetti - *Clinical Instructor, FLPC*

Academia and Government

- Professor I. Glenn Cohen - *Faculty Director, Petrie-Flom Center, Harvard Law School*
- Professor Jacob Gersen - *Director of the HLS Food Law Lab, Harvard Law School*
- Jack Bobo - *VP for Global Policy and Government Affairs, Intrexon; former US Dept. of State*
- Ann Veneman - *former US Secretary of Agriculture, former California Secretary of Food and Agriculture*

Law and Regulation

- Jessica Almy - *Policy Director, The Good Food Institute*
- Rebecca Cross - *Co-Director, Outermost; Legal Adviser to the Plant Based Foods Association*
- Kelsey Eberly - *Staff Attorney, Animal Legal Defense Fund*
- Bruce Friedrich - *Executive Director, The Good Food Institute*
- Robert Hibbert - *Attorney, Morgan Lewis; former USDA Senior Attorney*
- Deepti Kulkarni - *Attorney, Sidley Austin; former FDA Office of the Chief Counsel*
- Jonathan Lovvorn - *HLS Lecturer on Law; Chief Counsel, Humane Society of the United States*
- Stuart Pape - *Partner, Polsinelli; former FDA Office of the Chief Counsel and Assistant to FDA Commissioner*
- Vince Sewalt - *Global Lead, Regulatory Science & Advocacy, DuPont Industrial Biosciences*
- Karin Verzijden - *Attorney, AXON Lawyers, Netherlands, specializing in food and pharma*

Science and Industry

- Mark Post - *Professor, University of Maastricht; CEO, Mosa Meat*
- Lou Cooperhouse - *Co-Founder, President, and CEO, BlueNalu*
- Lisa Feria - *CEO, Stray Dog Capital; formerly Proctor & Gamble, General Mills*
- Niyati Gupta - *CEO, Fork & Goode; Alumna, Harvard Business School and Harvard Kennedy School*
- Chuck Laue - *Co-Founder, Stray Dog Capital; Board Member, Humane Society of the United States*
- Chris Somogyi - *Co-Founder and Chairman, BlueNalu; former Senior VP of New Ventures, Xinova*

Subsequent to the meeting, the USDA and FDA announced they were collaborating to share jurisdiction over the emerging sector in a manner consistent with the consensus that emerged from our Roundtable. To that end, the Animal Law & Policy Program partnered with the Harvard Food Law and Policy Clinic to prepare and submit public comment requested by the FDA and USDA on the issue—sharing some of the findings from the Roundtable and commending the agencies on their cooperation. Harvard Animal Law Society board member and second-year JD student Kelley McGill spoke at the public hearing held in Washington, DC in October 2019.

We also had a chance to discuss the issue with current FDA Chief Counsel, Stacy Cline Amin, who is an HLS alum and was on campus in December. That same month Chris Green spoke on the issue at the “4th International Conference on Cultured Meat” at Maastricht University in the Netherlands. When the FDA and USDA ultimately issued their formal Memorandum of Understanding on March 7, 2019, detailing how they intend to allocate jurisdiction over cell-based meat products, the provisions were very much in line with the suggestions we submitted to the agencies. It is significant to see our convening power lead to ideas that have an immediate impact on such an important issue with the potential to revolutionize the way food systems are developed worldwide.

On the defensive side, from January through May, Chris Green participated in a weekly conference call to track and strategically address state-level legislative threats to plant-based and cell-based products—such as bills to prohibit and even criminalize using popular terms like “meat,” “burger,” “sausage,” etc. Missouri was the first state to pass such legislation in 2018, and during the 2019 session at least 19 such bills were introduced across the US. In his own capacity, Chris spent part of Spring Break successfully lobbying to kill one of these bills in his home state of Illinois, where he currently manages a farm that has remained in his family for 181 years.



Credit: Jo-Anne McArthur/We Animals

HLS 2019 Law and Society Seminar – Rethinking Animals as Food

In April, Professor Stilt participated in the 2019 Law and Society Seminar, an annual cosponsored event between Harvard Law School and the Federal Judicial Center featuring three days of presentations by HLS faculty to a group of over 40 federal judges from district courts and courts of appeals. Professor Stilt gave a one-hour presentation, entitled “Rethinking Animals as Food,” that detailed the many health, environmental, and animal welfare issues associated with factory farming and then introduced cell-based and plant-based alternatives to animal agricultural products. Several of the judges expressed that the discussion was their first exposure to the technology and related regulatory issues, with some saying it was the highlight of the entire event. The opportunity to share such ideas with federal judges is very valuable. Here is a selection of the federal judges’ comments:

“ **The most interesting and thought provoking (and applicable to our real lives) program. We clearly could have talked about it longer. I also loved the fact that she’d admit to being a vegetarian [vegan], and that it had no real impact on the discussion.**”

“ **I wasn’t sure about this topic when I saw the agenda. Boy was I wrong! Excellent presentation and eye opening. I am going to have an Impossible Burger tomorrow.**”

“ **This was the big surprise of the seminar for me. The presentation about raising animals for food and the consequences of that was compelling. I knew nothing about the ‘clean meat’ industry until I heard this presentation and read the associated readings. Fascinating, and creepy. Professor Stilt has a very pleasant presentation style, which I really enjoyed.**”



HLS Fall 2018 Alumni Reunion

At Harvard Law School’s Fall 2018 Reunion in October, Professor Stilt gave a presentation entitled “A New Century of Animal Law.” It covered the history of the field, the genesis of the Animal Law & Policy Program, and an overview of many of the current issues mentioned above.

ACADEMIC COURSES

Wildlife Law Course

In the fall of 2018, we again offered a [seminar on Wildlife Law](#), taught by Lecturer on Law, [Jonathan Lovvorn](#), who is the Chief Litigation Counsel for the Humane Society of the United States. The course explores wildlife law and policy, with a focus on high-profile wildlife conservation disputes, including current controversies surrounding international whaling, captive marine mammals, endangered wolves, and dwindling polar bear populations. The seminar examines the history and evolution of wildlife conservation law, and highlights the major constitutional, ecological, political, and economic issues that shape wildlife resource protection in the 21st century. The seminar includes an overview of key domestic and international laws protecting wildlife, including the Endangered Species Act, the Marine Mammal Protection Act, the Convention on International Trade in Endangered Species, and the International Convention on the Regulation of Whaling. The seminar also touches on the World Trade Organization and the role of international free trade agreements in both fostering and inhibiting global wildlife conservation.

The course again yielded impressive scores in student evaluations for the effectiveness of both the class and the instructor. One student wrote:

“ This course provided a great overview of all the main wildlife law issues in the US, the various stakeholder positions involved, and the broader challenges that wild animals face in the world. It underlined how deficient (and often nonexistent) laws are to protect wild animals in various contexts, while pushing us to think creatively, practically and philosophically about how best to improve the current situation.”

Animal Law Course

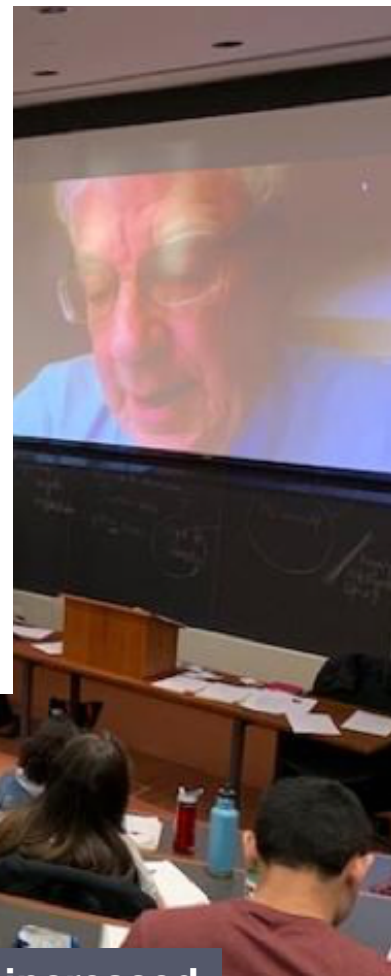
During the spring semester Professor Stilt taught [Animal Law](#), which is an annual class and the foundation of our teaching program. The class examines the broad range of contexts in which animals are affected by the law, including larger definitional and philosophical questions about our treatment of animals.

The topics covered included anti cruelty protections; the use of animals in research, entertainment, and food production; recent rights-based litigation efforts; comparative and international law; and religious and cultural implications of animal protection. The course analyzed each of those issues within the larger structure of how humans recognize animals through the legal system. To enrich that inquiry, Professor Stilt invited weekly “guest experts” who would video-conference into the class for 10-15 minutes to share their real-world experiences and take questions from the students.

Those guest experts included:

- [Joyce Tischler](#), Founder and General Counsel, Animal Legal Defense Fund
- [Leah Garcés](#), President, Mercy for Animals
- [Bernadette Juarez](#), Deputy Administrator, Animal Care Program, Animal and Plant Health Inspection Service, United States Department of Agriculture
- [Steven Wise](#), Founder and President, Nonhuman Rights Project, Inc.
- [Nuggehalli Jayasimha](#), Managing Director, Humane Society International / India

This year we had 33 students enroll for the Animal Law course, including cross-registrants from Harvard College, Harvard Kennedy School, Harvard Graduate School of Design, and the Tufts Master of Science in Animal and Public Policy program. This also was the first year we had a formal student Teaching Assistant for the course, allowing us to be excellently assisted by 3L Kate Barnekow, the co-president of the Harvard Animal Law Society who as a 1L student won the Dean’s Scholar Prize in the 2017 Animal Law course. The course again yielded impressive scores in student evaluations for the effectiveness of both the class and the instructor.



“ It strengthened my opinions on animal rights and increased my interest in an eventual career advocating for animals.”

“ Professor Stilt is fantastic—this class was by far the best part of my 1L year.”

“ This class was really great because it ties together so many different branches of law and has intersections with a lot of other first-year classes and doctrines. Animal Law is a great case study for seeing how other legal systems, like the criminal and tort systems and the property law doctrine work in practice.”

“ I think Professor Stilt is an incredibly well-informed and engaging teacher, and I am happy to know that people like her are not only working hard themselves on these important issues, but also taking the time to teach others that they can do the same.”

Credit: Jo-Anne McArthur/We Animals

ANIMAL LAW & POLICY PROGRAM IN THE MEDIA

The Program garnered significant media coverage over the past year in publications such as the New York Times, Atlantic, Economist, Vox, and Time Magazine. Animal Law & Policy Program Fellow Helen Harwatt's research, which was published in the journal *Climate Policy*, inspired dozens more articles in major media outlets, including the Guardian, Daily Mail, The Hindu, and NZ Herald. For the coming year we have hired a Communications Manager, Sarah Pickering, to further publicize our work and educate the public. Bloomberg Law among others covered the launch of the clinic.



Raising the Profile of Animal Law to Match the Stakes

Harvard Gazette

In November 2018, the Harvard Gazette published its latest feature on the Animal Law & Policy Program. It highlights our Wildlife Law course and Lecturer on Law Jonathan Lovvorn, explaining the intersectional impacts of many animal protection issues and the various means by which the Animal Law & Policy Program seeks to address them.

Harvard Law School then used the main image from the Gazette article as the wallpaper for the HLS website landing page—literally making our Program the very face of Harvard Law School. This kind of coverage is another example of how committed HLS is to our Program and its work.

Kristen Stilt
Faculty Director

Episode 470: Kristen Stilt

Our Hen House Podcast

In January, Animal Law & Policy Program Faculty Director Kristen Stilt was the featured guest on the Our Hen House Podcast, where she discussed her research on animal welfare and religious slaughter.

The topic is the subject of her forthcoming book. The interview starts at the 18:00 minute mark.



JANUARY 2018

DECEMBER 2018

Gradually, nervously, courts are granting rights to animals

***The Economist – Animals & the law
Chimpanzees & elephants first***

In December 2018, the Economist published a feature story on the rapidly evolving global efforts to secure legal rights for non-human animals. It quotes Animal Law & Policy Program Faculty Director Professor Kristen Stilt and also Steven Wise, who taught Harvard Law School’s first Animal Law course in 2000. The article ends with the following:

“The upshot is that ‘the law is a patchwork,’ says Kristen Stilt, who teaches animal law at Harvard Law School. Animals still lack rights, but the bright line separating them from people has been dulled by sentience laws and rulings in India, Argentina and Colombia. As the judge in Tommy’s case said, ‘the question will have to be addressed eventually...Should such a being be treated as a person or as property, in essence a thing?’ Meanwhile, Happy awaits the result of her day in court in solitary confinement, an unnatural state for an elephant. She is, when all is said and done, just somebody’s property.”

Chris Green

Executive Director

The Harvard Animal Law & Policy Program with Executive Director Chris Green

Paw & Order, Episode 22

In November 2018, Chris was featured in a pair of podcasts about Animal Law. The first was the result of an interview with Professor Peter Sankoff at the 2018 Animal Law Conference in Chicago for his Paw & Order podcast hosted by Animal Justice. In it, Chris talks primarily about the Harvard Animal Law & Policy Program and the role that academia can play in the broader animal protection sphere.

An Elephant's Personhood on Trial

The Atlantic – A legal case involving a famous solitary elephant poses a fundamental question about animals' rights.

Last December the Atlantic published a feature story on the lawsuit attempting to secure legal personhood for Happy the Elephant who has been kept captive at the Bronx Zoo for 42 years (the last 13 of those alone). The article quotes Chris referring to how even cherished companion animals lack many legal protections due to their status as property.

Horse's case raises an important question: What would happen if animals could sue us?

ABC News

In August 2018, ABC News published an extensive feature on the case of Justice the Horse who had suffered so much neglect during an Oregon winter that he suffered permanent damage that required long-term, ongoing care. When the state prosecutor's financial settlement with the owner failed to provide for such additional care, the Animal Legal Defense Fund filed a lawsuit on behalf of Justice in his own name as the plaintiff. In the article Chris is quoted giving an account of slippery slope arguments in relation to other historical examples of social progress in the legal realm.

Animal Law with Chris Green

The VedgeTalk Podcast

The second was an interview with Matthew Davey for The VedgeTalk Podcast. Aimed at a broader audience, Chris explains many of the main issues in Animal Law and describes his own path to returning to Harvard to help launch the Animal Law & Policy Program.

AUGUST 2018

NOVEMBER 2018

NOVEMBER 2018

DECEMBER 2018

JANUARY 2019

“Ag-gag laws” hide the cruelty of factory farms from the public. Courts are striking them down.
Vox – “Ag-gag laws,” explained.

In January, Vox published an in-depth feature on Ag-Gag legislation in the wake of Iowa’s 2012 law being struck down in federal court. The article contained several quotes by Chris.

FEBRUARY 2019

What Is a Bear?

Medium – Reasonable Doubt

A private zoo owner thought he was taking good care of his bear. Activists say he was torturing her. The epic fight that ensued cuts to the heart of society’s reappraisal of the inner lives of animals.

Last February, Medium published a lengthy piece examining the case of a roadside zoo that relinquished its animals in the wake of lawsuits by PETA and the Animal Legal Defense Fund. The most high-profile of them was Lily the Bear who was rescued and now resides at the Wild Animal Sanctuary in Colorado. Chris was quoted several times describing the patchwork of state exotic animal ownership laws and explaining the process for obtaining a federal permit.

Helen Harwatt

Animal Law & Policy Fellow

JANUARY 2019

[6 High-Protein Foods That Are Healthier Than Beef](#)

TIME

In January, Time magazine published a feature on healthier alternatives to beef. It has a full paragraph about Helen's research and follows in the wake of that month's EAT-Lancet Report recommending a 90% reduction in red meat consumption in order to meet health and sustainability goals.

FEBRUARY 2019

[Meat Is a Big Climate Issue. What About Dairy?](#)

New York Times – Climate Fwd

In February, Animal Law & Policy Program Fellow Helen Harwatt was quoted in this New York Times Climate Fwd feature pointing out the often-ignored contribution of dairy in greenhouse gas emissions calculations.

Last November, Helen's latest research was published in the journal Climate Policy: "[Including animal to plant protein shifts in climate change mitigation policy: A proposed three-step strategy.](#)"

In the article, Helen confirms that, "Strong and rapid greenhouse gas (GHG) emission reductions, far beyond those currently committed to, are required to meet the goals of the Paris Agreement...Unabated, the livestock sector could take between 37% and 49% of the GHG budget allowable under the 2°C and 1.5°C targets, respectively, by 2030. Inaction in the livestock sector would require substantial GHG reductions, far beyond what are planned or realistic, from other sectors."

Helen then makes the case that animal-to-plant-sourced protein shifts offer substantial potential

for GHG emission reductions, and implores that the issue should be taken up by the Conference of the Parties—proposing a framework that includes an acknowledgment of "peak livestock," followed by targets for large and rapid reductions in livestock numbers based on a combined 'worst first' and "best available food" approach. Helen concludes that adequate support, including climate finance, is needed to facilitate countries in implementing animal to plant-sourced protein shifts.

The response to Helen's article has been incredible, generating dozens of features in major media outlets including the Guardian, Daily Mail, the Hindu, and NZ Herald. Those media stories further amplified Helen's work by bearing headlines such as, "[Have We Hit 'Peak Livestock'?](#)" "[Global Food System Is Broken, Say World's Science Academies.](#)" and "[Urgent Need to Reduce Meat and Dairy Consumption to Meet Climate Targets, Says Expert.](#)"

[Here's a link to a compilation of those articles.](#)

Policy & Practice

Professor Kristen Stilt | Faculty Director

Professor Stilt participated in a variety of activities related to practice and policy that included serving on editorial boards and writing external peer reviews for a variety of journals and academic publishing houses, granting entities, and professional associations.

87th General Session of National Delegates of the World Organisation for Animal Health (OIE)

Professor Stilt attended the 87th General Session of National Delegates of the World Organisation for Animal Health (OIE) in Paris, May 26-31, as an observer and representative of Animals Australia. She did so in order to learn more about the OIE's role in setting standards for farmed animal welfare worldwide as part of her research for her book project, *Halal Animals: Food, Faith, and the Future of Planetary Health*.



Chris Green | Executive Director

Committee on Assessment of the Care and Use of Dogs in Biomedical Research Funded by or Conducted at the US Department of Veterans Affairs

This year ALPP Executive Director Chris Green was selected to serve on a National Academy of Sciences Committee tasked with assessing whether the Veterans Administration should continue funding and conducting biomedical research on dogs. The first meeting of the Committee convened in Washington, DC in December as part of what is expected to be an 18-month process that culminates in a formal consensus report. The use of dogs in government-funded research recently has drawn the attention of legislators due to the advocacy of groups like the White Coat Waste Project and others. Here is an article from *Science* magazine that discusses first meeting of the Committee:

[Dog research at US Department of Veterans Affairs gets formal review](#)

SCIENCE | By David Grimm, December 10, 2018

American Bar Association Resolution on Police Animal Encounter Training

This spring, Chris also drafted an American Bar Association Resolution and Report to recommend that all federal, state, local, territorial, and tribal legislative bodies and/or governmental agencies enact laws that provide for comprehensive, nonlethal animal encounter training to law enforcement officers in order to better secure the safety of such officers, protect public health, and ensure the humane treatment of the animals encountered. The issue of family pets being shot and killed by law enforcement has significant importance to the public and has been described by the US Department of Justice as an “epidemic.” The number one reason US police officers discharge their weapons is to fire at dogs, and in some cities, police shooting guns at dogs accounts for a full 75% of all service weapon use. The Resolution cleared its first hurdle, being approved by the ABA Animal Law Committee in June. Chris next will present the Resolution to the Torts, Trial, and Insurance Practice Section (TIPS) Council at the Section Conference in October 2019.

Scholarship & Presentations



New Animal Law & Policy Workshop Series

Between our Faculty, Staff, Visiting Affiliates, SJD/LLM Students, Harvard PhD Students, and Graduate Students on exchange from other institutions, we have achieved a core community of scholars working on animal law and policy issues here at Harvard. That prompted Professor Stilt to inaugurate our Animal Law & Policy Workshop Series at HLS this fall.

Over the semester, a group of 15 participants met every other week for an afternoon session to review and critique drafts of each other's scholarship in progress.

We also welcomed the JD student board of the Harvard Animal Law Society to participate, along with others from outside the immediate Harvard community, such as Paul Waldau, who taught Animal Law at HLS for many years.

The authors and topics covered this year included:

Kristen Stilt

October 2, 2018

Professor, Harvard Law School; Faculty
Director, Harvard Animal Law & Policy Program

The End of the Ritual Bubble

Raffael Fasel

October 16, 2018

PhD Candidate, University of Cambridge;
Executive Director, Cambridge Centre for
Animal Rights Law

Turning of the Tide

Saskia Stucki

October 30, 2018

HLS Animal Law & Policy Visiting Researcher

Elements of a Legal Theory of Animal Rights

Jeff Sebo

November 13, 2018

Clinical Assistant Professor of Environmental
Studies; Affiliated Professor of Bioethics,
Medical Ethics, and Philosophy; Director
of the Animal Studies MA Program,
New York University

Effective Animal Advocacy

Kristen Stilt

November 27, 2018

Professor, Harvard Law School; Faculty
Director, Harvard Animal Law & Policy Program

The Unfulfilled Potential of Halal

Matthew Hayek

December 12, 2018

HLS Animal Law & Policy Fellow

**Mapping Transformative and Realizable
Food Futures**

Schuyler Marquez

February 19, 2019

Doctoral Student in Cultural Anthropology,
New York University

**The Head and the Heart: Entangled Forms of
Authority in the Question of Ethical Slaughter**

Matthew Hayek

Feb 26, 2019

HLS Animal Law & Policy Fellow

**Mitigating Climate Change through
Plant-Based Dietary Shifts**

Paul Waldau

March 12, 2019

Lecturer, Harvard University; former Director, MS Graduate Program in Anthrozoology, Canisius College; former Director, Center for Animals and Public Policy, Tufts University
Law and Other Animals—An Interdisciplinary Approach

Helen Harwatt

March 26, 2019

HLS Animal Law & Policy Fellow
Growing Green in the UK: Opportunities for Re-Configuring Agricultural Land to Meet Climate Change

Christine Parker

April 9, 2019

Professor, University of Melbourne Law School; HLS Animal Law & Policy Fellow
Challenging Intense Industrial Animal Farming: Is There a Potential for Holistic Labelling and Certification Standards to Address the Interconnectedness of Human, (Non-Human) Animal and Ecological Wellbeing?

Charlotte Blattner & Odile Ammann

April 23, 2019

HLS LLM Candidate '19 (Blattner) and Senior Researcher and Lecturer in Public Law, University of Zurich (Ammann)
Animal Agriculture and Farmers' Rights: A Human Rights Perspective

ALPP Faculty, Staff, and Fellows

In addition to facilitating the scholarship of others in the animal law and policy community, Faculty Director Kristen Stilt and the Program's staff, Visiting Fellows, and Visiting Researchers further conducted academic research and produced published scholarship on a wide variety of animal law and policy topics. That work that was produced in 2018-2019 is summarized below.

i. Professor Kristen Stilt – Faculty Director

This academic year Professor Stilt is conducting research for a book project entitled Halal Animals: Food, Faith, and the Future of Planetary Health. The book shows that behind the label “halal” on animal products are contentious and widespread debates over what halal is and what it should be. These debates, and their outcomes, have profound significance for the physical and spiritual health of human consumers; for the welfare of the animals who are raised, transported, slaughtered, and consumed; and for the health of the planet at a time when climate change poses an existential threat. Halal Animals is a multi-disciplinary project that intervenes in and contributes to the fields of Islamic legal studies, animal studies, religious studies, food studies, environmental studies, and globalization and transnational studies. The book will be published by Oxford University Press as an “impact academic” book in order to reach a wide audience.

Professor Stilt also served on the [Scholars Committee of the Brooks Institute](#) for Animal Rights Law and Policy. The Scholars Committee follows the latest developments in animal law and policy; surveys, reviews, and advises the Institute on programs and projects to advance academics and scholarship in animal law, animal policy, and related interdisciplinary animal studies; and plans scholarly gatherings.

As part of that mission, in May 2019, the Scholars Committee helped convene and host the first “Animal Legal and Policy Studies Summit.” The three-day event brought together scholars and academics from a wide range of disciplines to Northern California to meet, describe their own research and backgrounds, and exchange ideas about the future of what are commonly referred to as the fields of “Animal Law” and “Animal Studies.” One driving motivator for assembling these academic leaders was to foster discussion that would identify key questions or areas of inquiry that could benefit from additional scholarly attention or data. The information generated and knowledge gained during the Summit will then inform both the Brooks Institute and its Scholars Committee about where additional resources might best be applied or utilized. ALPP Executive Director Chris Green served as the Summit’s Rapporteur and submitted a full transcript and [executive summary that is hosted on the Brooks Institute website](#).

Kristen also worked on the aspiration of the Brooks Institute to bring together leading institutions in the US and Canada that focus on animal law and studies. This network, called the [Brooks Animal Studies Academic Network](#) (BASAN), was in its early stages of planning last year, and continues to develop significantly into the new academic year.

Some of Professor Stilt’s writing and speaking engagements in the past year have included:

PUBLICATIONS

Book Chapters

- “Law,” in *Critical Terms for Animal Studies*, ed. Lori Gruen (University of Chicago Press, 2018).
- “Animals,” in *The Oxford Handbook of Islamic Law*, eds. Anver Emon and Rumeen Ahmed (Oxford University Press, 2018).
- “Hisba and Muhtasib,” in *The Oxford Handbook of Islamic Law*, eds. Anver Emon and Rumeen Ahmed (Oxford University Press, 2018).

Articles

- “Constitutional Innovation and Animal Protection in Egypt,” *Law & Social Inquiry* 43(4) (2018): 1-27.

Works in Progress

- Halal Animals: Food, Faith, and the Future of Planetary Health (book manuscript, under contract with Oxford University Press).
- The Oxford Handbook of Global Animal Law (ed. with Anne Peters and Saskia Stucki).
- "The End of the Ritual Bubble" (article).
- "The Constitutional Kinship of Environmental Law and Animal Law" (article).

Papers, Presentations, Conferences

- "Foreign Animals in Middle Eastern Markets," University of Vienna, Workshop on Animals in the Middle East, June 27-28, 2019.
- "The Unfulfilled Promise of Halal," Law and Society Association Annual Meeting, June 2, 2019.
- "The Unfulfilled Promise of Halal," University of California San Diego," May 7, 2019.
- "The Unfulfilled Promise of Halal," University of Illinois Law School Faculty Workshop, May 2, 2019.
- "Debates about Death," Harvard Law School, The Bureaucratization of Islam in Southeast Asia Workshop, April 4-5, 2019.
- "Animals in Comparative Constitutional Law," The University of Texas School of Law, February 21-22, 2019.
- "The Unfulfilled Promise of Halal," McGill Law School, Legal Theory Workshop, February 1, 2019.
- "The Unfulfilled Promise of Halal," Harvard Law School, Animal Law & Policy Workshop Series, November 27, 2018.
- "Halal Animals," Harvard Law School, Animal Grantmakers Conference, October 17, 2018.
- "The End of the Ritual Bubble," Harvard Law School, Animal Law & Policy Workshop Series, October 2, 2018.

ii. Chris Green – Executive Director

Papers, Presentations, Conferences

- “Ag-Gag Anti-Whistleblower Laws,” Harvard Law School, April 11, 2019.
- “Cellular-Meat Regulation,” Plenary Panel, 4th International Conference on Cultured Meat, Maastricht University, December 4, 2018.
- “Global Farmed Animal Issues,” Moderator, Animal Grantmakers Conference, Harvard Law School, October 17, 2018.
- “Alternative Animal Advocacy: Channeling Public Sentiment into Substantive Welfare Advances,” Animal Studies Summer Institute, University of Illinois, July 13, 2018.

Guest Lectures

- “Alternative Animal Advocacy: Channeling Public Sentiment into Substantive Welfare Advances” in the Animals in History course at Harvard College, April 17, 2019.
- “The Current State of Compensating Companion Animal Harm” in the Animal Law course at NYU Law School, February 20, 2019.

iii. Helen Harwatt – Animal Law & Policy Fellow

PUBLICATIONS

Book Chapters

“Feeding A Growing Population Within Planetary Boundaries: A Three-Step Strategy Identifying the Fierce Necessity of ‘How?’ in the Fierce Urgency of Now,” in *Environmental Nutrition: Connecting Health and Nutrition with Environmentally Sustainable Diets*, ed. Joan Sabate (Elsevier Science Publishing, 2019).

Articles

- “Life Cycle Assessment on a Large Variety of Meat Analogs Produced in Three Geographically and Technologically Diverse Factories,” *Journal of Hunger and Environmental Nutrition* (2019): 1-13. Co-authored with Ujue Fresan, Keiji Oda, and Maximino Mejia.
- “Including Animal to Plant Protein Shifts in Climate Change Mitigation Policy: A Proposed Three-Step Strategy,” *Climate Policy* 19 (2018): 533-541.
- “Developing a Methodology for Estimating Transport-Related CO2 Emissions for 10 Popular Food Commodities from Farm Gate to the Retailer in California,” *Journal of Sustainable Development* 11 (2018): 47-58. Co-authored with Ujue Fesan and Joan Sabaté.

Reports

- “Eating Away at Climate Change with Negative Emissions: Repurposing UK Agricultural Land to Meet Climate Goals,” Harvard Law School, Animal Law & Policy Program, April 11, 2019. Co-authored with Matthew Hayek.

Works in Progress

- “Substituting Chickpeas for Chicken to Eat a Quarter of the US Climate Goal: Planetary Health at the End of our Forks” (article co-authored with Matthew Hayek, to be published in Vox).
- “The Crucial Role of ‘Best Available Food’ in Creating Paris-Compliant Food Systems” (article, to be published in Impakter).
- “A Paris-Compliant Emissions Trajectory for the Livestock Sector: A Survey of International Experts” (article co-authored with Matthew Hayek, Sarah Higginson, Gidon Eshel, and William Ripple).
- “The Global Potential for Negative Emissions from Reforesting Pasture Land” (article co-authored with Matthew Hayek).
- “Substituting Beans for Beef as a Contribution toward Achieving the Paris Agreement” (article co-authored with Matthew Hayek, Gidon Eshel, and William Ripple).

Papers, Presentations, Conferences

- Repurposing UK Agricultural Land to Meet Climate Goals,” Meeting with Member of Scottish Parliament Minister for Climate and Agriculture, June 24, 2019. Attended EAT Forum as a delegate, June 11-14, 2019.
- “Repurposing UK Agricultural Land to Meet Climate Goals,” Global Food Security Program Coordinators Group Meeting, June 6, 2019.
- “Eating Away at Climate Change with Negative Emissions: Repurposing UK Agricultural Land to Meet Climate Goals,” All-Party Parliamentary Group on Vegetarianism and Veganism, Houses of Parliament, May 1, 2019.
- Attended the 2019 City Food Policy Symposium: How to Develop and Deliver a National Food Policy: A Global Perspective, City University, London, April 30, 2019.
- “Eating Away at Climate Change with Negative Emissions: Repurposing UK Agricultural Land to Meet Climate Goals,” Meeting with UK Committee on Climate Change Food and Agriculture Team, April 18, 2019.
- “Eating Away at Climate Change with Negative Emissions: Repurposing UK Agricultural Land to Meet Climate Goals,” Grow Green Conference, April 11, 2019.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Meeting with Advisors at the Federal Ministry for the Environment, Nature Conservation and Nuclear Safety, Berlin, Germany, March 22, 2019.
- Panel discussion following BAFTA-winning film “73 Cows” screening, European Parliament, Brussels, March 5, 2019.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Transitioning & Rewilding Farmland in the EU Panel, European Parliament, Brussels, March 5, 2019.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Growing the Good Panel, European Parliament, Brussels, February 20, 2019.
- “Agri-Food Reforms for People and Animals: Production and Consumption Levers: What Does the Research Find and Suggest?,” International Monetary Fund Roundtable, Chatham House, February 18, 2019.

- “Restoring Planetary Health: The Crucial Role of Food Systems,” Presentation at Veganuary, Sky TV, January 30, 2019.
- “Creating Sustainable Food Systems: Do Our Food Choices Matter?,” Catering Directors Meeting, The RAF Club, January 16, 2019.
- “The Role of Animal to Plant Protein Shifts in Joined-Up Policy Making: The Case of Rewilding and Climate Change Mitigation,” Rewilding and Its Effects on Nature and People Conference, Cambridge University, January 11-12, 2019.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Meeting with George Eustice, Member of Parliament and Minister for Farming, The Home Office, London, December 5, 2018.
- “Restoring Planetary Health: The Crucial Role of Food Systems,” The University Caterers Organisation Hungry for Change Symposium, November 14, 2018.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” All-Party Parliamentary Group on Agroecology, Houses of Parliament, London, November 13, 2018.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Livestock, Environment and People (LEAP) Conference, November 7, 2018.
- “Creating Sustainable Food Systems: Do Our Food Choices Matter?,” Sodexo Culinaire Conference, September 26, 2018.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Have We the Appetite for Sustainable and Healthy Food?, Labour Party Annual Conference, September 24, 2018.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Sustainable Farming for the Future, Liberal Democrats’ Annual Party Conference, September 17, 2018.
- “A Three-Step Strategy for Including Animal to Plant-Sourced Protein Shifts in Climate Change Mitigation Policy,” Meat Analogues: What Do They Mean for the EU? Workshop, September 12, 2018.
- “A Culinary Intervention Approach for Aligning the Food Service Sector with Planetary Health Goals,” Royal Geographical Society Annual International Conference, August 29, 2018.

Media Interviews

- BBC Weather Show (radio), "Climate Change and Reforestation," broadcast April 21, 2019.
- Sirius XM, The Health & Nutrition Show with Samantha Heller, "The Role of Food in Climate Change," broadcast live April 19, 2019.
- Farming Today, BBC Radio 4, April 11, 2019. "[Turning Farmland into Forest.](#)"
- The New York Times, February 1, 2019. "[Meat Is a Big Climate Issue. What About Dairy?](#)," published February 20, 2019.
- Time, January 10, 2019. "[6 High-Protein Foods That Are Healthier Than Beef,](#)" published January 18, 2019.

Guest Lectures

- "Restoring Planetary Health: Do Our Food Choices Matter?" in the Quantity Food Purchasing and Production course, Professor Karen Byrd, Murray State University, August 30, 2018.

iv. Matthew Hayek – Farmed Animal Law & Policy Fellow

PUBLICATIONS

Articles

- “Nationwide Shift to Grass-Fed Beef Requires Larger Cattle Population,” *Environmental Research Letters*, July 25, 2018.
- “Negative Emissions from Ecosystem Restoration Following Shifts in Global Food Production,” under review in *Nature Sustainability*.
- “An Unconvincing Appeal to Food Insecurity Downplays Risks of Delayed Climate Mitigation,” response article under review at *Nature Climate Change*.

Reports

- “Eating Away at Climate Change with Negative Emissions: Repurposing UK Agricultural Land to Meet Climate Goals,” Harvard Law School, Animal Law & Policy Program, April 11, 2019. Co-authored with Helen Harwatt.

Papers, Presentations, Conferences

- “Exploring Alternative Proteins: The Science, Policy, and Business of Plant Proteins and Cell-based Meats,” Future of Food and Nutrition Research Conference, Tufts University Friedman School of Nutrition, April 6, 2019.
- “Demystifying the Science of Food and the Environment,” Seminar at SUNY College of Environmental Science and Forestry, February 14, 2019.
- “Plant-Based as a Negative Emissions Technology,” Land Use and Livelihoods Initiative Conference, Boston University, December 7, 2018.
- “Quantifying the Carbon Sequestration Potential of Global Plant-Based Dietary Shifts,” Ivy League Future of Food Conference, University of Pennsylvania, October 14, 2018.

At the end of July,

a co-authored article of Matt’s was published in the peer-reviewed journal *Environmental Research Letters*, entitled, “[Nationwide Shift to Grass-Fed Beef Requires Larger Cattle Population](#).” His research showed that a nationwide shift to grass-fed beef would likely result in higher environmental costs—including a 43% increase in cattle-related methane (8% higher US methane overall) and requiring more than 3 times the pastureland that we presently have. Far from being an endorsement for CAFO beef, Matt and his co-author conclude that “only reductions in beef consumption can guarantee reductions in the environmental impact of US food systems.”

Grants and Awards

- Matt was awarded a Burning Questions Initiative Fellowship from Tiny Beam Fund. This award is granted to academic researchers to create “guidance memos” that translate their research to front-line persons addressing negative impacts of global industrial food animal production. Matt’s awarded proposal concerns the accuracy of greenhouse gas emissions estimates of industrial animal agriculture, and whether these emissions may be underestimated by standard models according to corroboration using direct atmospheric measurements of their emissions.

v. Katarina Hovden – Visiting Researcher

PUBLICATIONS

Book Chapters

- “Solidarity Among Cities,” in *Transnational Solidarity* (Cambridge University Press, 2019). Co-authored with Professor Helle Krunke. Forthcoming.

Articles

- “The Best Is Not Good Enough: Ecological (Il)literacy and the Rights of Nature in the European Union,” *Journal for European Environmental and Planning Law* 15 (2018): 281-308.

Works in Progress

- “How Much Protection for Ocean Life in Proposed Treaty on Marine Biological Diversity in ABNJ?” (article).

Grants and Awards

- EliteForsk travel grant for PhD students, Danish Ministry of Education and Science, and Reinholdt W. Jorck og Hustrus Fond.

vi. Christine Parker – Farmed Animal Law & Policy Fellow

PUBLICATIONS

Articles

- [“Making Climate Real: Climate Consciousness, Culture and Music.”](#) *King’s Law Journal* 30 (2019): 185-193. Co-authored with Simon Kerr.
- [“From Food Chains to Food Webs: Regulating Capitalist Production and Consumption in the Food System.”](#) *Annual Review of Law and Social Sciences* 15 (2019): 205-225. Co-authored with Hope Johnson.
- [“The Promise of Ecological Regulation: The Case of Intensive Meat.”](#) *Jurimetrics* 59 (2018): 15-42. Co-authored with Fiona Haines and Laura Boehm.
- [“Can Ethical Labelling Make Food Systems Healthy, Sustainable and Just?”](#) *Bill of Health*, Harvard Law Petrie-Flom Center, April 22, 2019.

Works in Progress

- “How Free Is Sow-Stall Free? Incremental Regulatory Reform and Industry Co-Optation of Animal Activism” (article under review at Law and Policy). Co-authored with Rachel Carey and Gyorgy Scrinis.
- “Challenging Animal Farming: Is There a Potential for Holistic Labelling and Certification Standards to Address the Interconnectedness of Human, (Non-Human Animal and Ecological Wellbeing?” (article).
- “A Protein Shake-Up? The Promise and Pitfalls of Investor Driven Governance for Advocacy Against Intensive Animal Agriculture” (article).

Christine organized a series of five food collaborative research network panels (including a panel on “animals and the food system”) and a dinner for all participants at the Law and Society Association Meeting, Washington DC, May 30–June 2, 2019. Organized series of five food collaborative research network panels (including a panel on “animals and the food system”) and a dinner for all participants at the Law and Society Association Meeting, Washington DC, May 30–June 2, 2019.

Papers, Presentations, Conferences

- “A Protein Shake-Up? The Promise and Pitfalls of Investor Driven Governance for Advocacy Against Intensive Animal Agriculture,” Law and Society Association Meeting, Washington DC, May 30, 2019.
- Animal Legal and Policy Studies Summit, The Brooks Institute, May 10-12, 2019.
- “Labelling for Sustainable, Healthy, Fair Food Systems? A Critical Evaluation of the Democratic, Transformative Governance Capacity of Food Labelling,” Seminar for American Bar Foundation, Chicago, May 1, 2019.
- “Can Ethical Labelling Make Food Systems Healthy, Sustainable and Just? Lessons from a Critical Evaluation of the Democratic Governance Capacity of Animal Welfare Labelling,” Harvard Law School, April 23, 2019.

Guest Lectures

- “Meta-Regulation, Business Regulation and Animal Welfare Labelling,” in Regulation Seminar, Professor Cary Coglianese, Penn Law School, March 13, 2019.

vii. Saskia Stucki – Visiting Researcher**PUBLICATIONS****Articles**

- “Towards a Theory of Legal Animal Rights,” under review at *Oxford Journal of Legal Studies*.

Works in Progress

- “Human Rights for Animals” (article).

Papers, Presentations, Conferences

- “Legal Animal Rights: Simple and Fundamental,” Cambridge Centre for Animal Rights Law Launch, Cambridge, UK, April 26, 2019.

- [Interview on animal rights on the German television program “Scobel”](#), which runs weekly on German/Austrian/Swiss public broadcast stations. , April 4, 2019.
- “Elements of a Legal Theory of Animal Rights” Harvard Animal Law & Policy Workshop, October 30, 2018.
- “Fundamental Rights for Animals,” Animal Legal Personhood Symposium, American University Washington College of Law, October 3, 2018.

viii. Kate Barnekow – 2019 JD, Harvard Animal Law Society Co-President

PUBLICATIONS

Papers, Presentations, Conferences

- “Unanswered Questions in the Animal Law and Protection Fields,” at the Oxford Centre for Animal Ethics’ Summer School 2018, Oxford, UK, July 25, 2018. The Animal Law & Policy Program provided a grant that covered Kate’s travel expenses to speak at the event.

PROGRAM EVENTS

Animal Grantmakers Conference



In October 2018, we hosted a half-day session of the Animal Grantmakers Conference at Harvard Law School. The topic of the session was “Global Farmed Animal Issues” and included the following presentations which can be viewed by clicking on the titles:

- [“Halal Animals”](#) – Professor Kristen Stilt, Harvard Animal Law & Policy Program
- [“Climate Change & Animals”](#) – Jonathan Lovvorn, Humane Society of the United States
- [“Reducing Farm Animal Suffering Globally”](#) – Chetana Mirle, Spring Point Partners

Chris Green additionally served on the organizing committee for the Animal Grantmakers Conference, which was held in Boston for the first time in several years.

The session at HLS was open to the Harvard community and attended by many of our students. Tim Midura, the Executive Director of the Brooks Institute for Animal Rights Law and Policy, also attended the event, providing the opportunity to formally announce his recent gift to help launch our Animal Law & Policy Clinic.

We then were able to take several of the Animal Grantmakers members on a tour of our new building that was in the final stages of construction.

Antibiotic Resistance Symposium

On November 15, as part of Antibiotic Awareness Week, the Animal Law & Policy Program partnered with a broad array of other groups to organize and host an evening symposium, [Antibiotic Resistance: What Collaboration and Policy Can Do for the Future](#), that followed up on a previous symposium we hosted in 2017.

The event explored how research, collaboration, and policy can encourage better antibiotic stewardship in human health care and animal agriculture, as well as help develop effective new antibiotics. The World Health Organization ranks antibiotic resistance as a top global health threat and experts estimate that by 2050 drug-resistant infections could kill more people each year than cancer does today. One panel was moderated by Chris Green, and other sponsoring organizations included the HLS Food Law and Policy Clinic, Food Law Lab, Petrie-Flom Center, Animal Law Society, US PIRG, and Green Century.

The panelists included:

- **Maria Balice** – Senior Director of Communication and Strategic Partnerships, Applegate
- **Jared Fernandez** – Shareholder Advocate, Green Century Capital Management
- **Nicole Negowetti** – Clinical Instructor, Harvard Food Law and Policy Clinic
- **Sujit Suchindran** – Infectious Disease Specialist, Lahey Hospital and Medical Center
- **Kathy Talkington** – Project Director, Antibiotic Resistance Project, Pew Charitable Trusts
- **Matt Wellington** – Director, Campaign to Stop the Overuse of Antibiotics, US PIRG



Egyptian Humane Education Workshop

In June, the Animal Law & Policy Program partnered with the Program on Law and Society in the Muslim World to convene experts and stakeholders to participate in a roundtable to assess the potential for establishing a humane education initiative in Egypt.

The roundtable included a discussion of possible subject matter for instruction, potential institutional partners, and other ancillary benefits or challenges that may arise from such an endeavor. Our goal was to come away with an outline for a project proposal that then can be developed further in the coming months. All of the participants found the Roundtable to be extremely productive and promising and we look forward to the next steps as we lay out a concrete plan for developing and implementing the initiative.

Here is a list of those who attended:

- [Meena Alagappan](#) – Executive Director, Humane Education Advocates Reaching Teachers (HEART)
- [Motaz Attalla](#) – Program Officer and Technical Advisor, Garfield Foundation
- [Hoda Baraka](#) – Global Communications Director, 350.org
- [Nancy Barr](#) – Former Director of Education and Social Change, International Fund for Animal Welfare; Media Consultant, HEART
- [Hanan Elrihany](#) – Director of Education, Misr El Khayr
- [Nuri Friedlander](#) – PhD Candidate, Study of Religion, Harvard Divinity School
- [Chris Green](#) – Executive Director, Harvard Animal Law & Policy Program
- [Shatha Hamade](#) – Legal Counsel, Animals Australia / Animals International
- [Ceallaigh Reddy](#) – Program Administrator, Harvard Animal Law & Policy Program
- Bayan Shaban – Project Director, [Princess Alia Foundation](#)
- [Kristen Stilt](#) – Professor, Harvard Law School; Faculty Director, Harvard Animal Law & Policy Program
- [Salma Waheedi](#) – Associate Director, Harvard Program on Law and Society in the Muslim World; Lecturer on Law and Clinical Instructor, HLS International Human Rights Clinic
- [Dawood Yasin](#) – Director of the Division of Student Life, Zaytuna College

Center for Contemporary Sciences, Exploratory Roundtable

At the end of February, we hosted a three-day roundtable to explore the concept of establishing a nonprofit organization to accelerate innovation in alternatives that will improve scientific discovery without using animals for testing, research, and science education. Such alternatives have the potential to save the lives and relieve the suffering of tens of millions of animals. They also have the potential to save human lives by improving the quality of biomedical research—given that more than nine out of ten treatments successfully tested in animals end up not being successful in human clinical trials. That represents an enormous waste of societal time and resources.

The Good Food Institute’s work on creating a healthy, humane, and sustainable food supply is a powerful example of how an accelerator model can drive innovation and spark industry transformation. GFI’s Executive Director and Co-Founder, Bruce Friedrich, participated in the roundtable to provide an overview of insights and lessons learned to help think through possible applications for this work. The Roundtable’s other participants included scientists, doctors, veterinarians, government officials, academics, attorneys, entrepreneurs, philanthropists, and representatives of animal protection organizations:

- **Aysha Akhtar, MD, MPH** – Deputy Director, Traumatic Brain Injury Program, US Army
- **Elizabeth Baker** – Pharmaceutical Policy Program Director, Physicians Committee for Responsible Medicine
- **Warren Casey, PhD** – Director, US National Toxicology Program’s Interagency Center for the Evaluation of Alternative Toxicological Methods, National Institutes of Environmental Health Sciences
- **Charu Chandrasekera, PhD** – Executive Director, Canadian Center for Alternatives to Animal Methods
- **Bruce Friedrich** – Executive Director, The Good Food Institute
- **Chris Green** – Executive Director, Harvard Animal Law & Policy Program
- **Nathan Herschler** – Executive Director, New England Anti-Vivisection Society
- **Hanna Lentz, MBA** – Managing Director, Impact by Design
- **Steven Niemi, DVM, DACLAM** – Director, Office of Animal Resources, Harvard University
- **Pamela J. Spencer, PhD** – former Chair, National Institutes of Environmental Health Sciences Scientific Advisory Committee on Alternative Toxicological Methods
- **Katya Tsaoun, PhD** – Director, Evidence-Based Toxicology Collaboration, Johns Hopkins Bloomberg School of Public Health
- **Gina Weishaupt** – President, Board of Directors, New England Anti-Vivisection Society
- **Yu Shrike Zhang, PhD** – Assistant Professor of Medicine, Harvard Medical School; Associate Bioengineer, Division of Engineering in Medicine, Brigham and Women’s Hospital

Harvard Animal Law Week 2019

During the last week of February, we co-hosted the fifth Annual Harvard Animal Law Week with the HLS Animal Law Society. We feature a lunchtime lecture each day and provide a free plant-based buffet to all who attend. This year's ALW was a resounding success, with a broad and diverse array of speakers and subjects, and some lectures drawing audiences of over 100 people. Each year we traditionally feature the leader of an animal protection organization. This year's featured leader was Kitty Block, CEO of the Humane Society of the United States. She joins previous leaders Sharon Nuñez from Animal Equality, Leah Garcés from Compassion in World Farming, and Ingrid Newkirk from PETA.



Harvard Law School published a feature article about the event in HLS Today, entitled [Fifth Annual Animal Law Week Held at HLS](#), that included links to videos of each of the talks. As is the custom, the story was then featured directly on the main Harvard Law School homepage. **Here is the full list of speakers, with hyperlinks to videos of the lectures themselves:**

Feb. 25 – Carol Adams – *Feminist-Vegan Writer and Social Justice Activist*
[“#MeToo and the Sexual Politics of Meat”](#)



Feb. 26 – Varu Chilakamarri – *Counselor for Animal Welfare Matters, US Dept. of Justice*

“Animal Welfare Litigation at the Department of Justice”



Feb. 27 – “Pete” – *International Undercover Investigator*

[“Undercover Animal Cruelty Investigations”](#)



Feb. 28 – Kitty Block – *President and CEO of the Humane Society of the United States and President of Humane Society International*

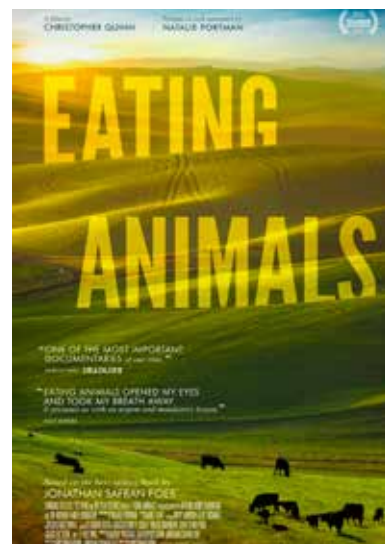
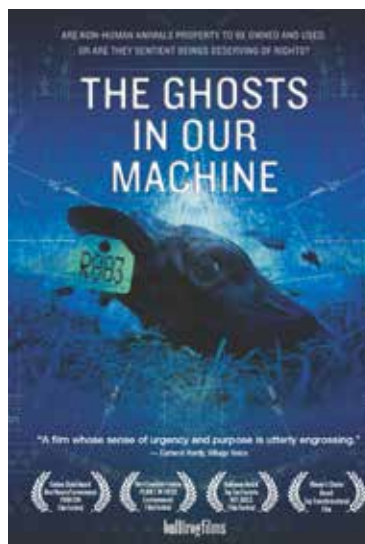
[“A Global Vision of Animal Protection in the 21st Century”](#)

Mar. 1 – Nathan Herschler, Katherine Willett, and Chris Green – *Panel Discussion*

[“Accelerating Alternatives to Animal Experimentation”](#)



Animal Law & Policy Film Series



Last fall semester we officially launched our Animal Law & Policy Film Series at HLS in collaboration with the Harvard Animal Law Society.

- October 1 – **The Last Pig** – with *Ryan Phillips and Charlotte the rescue pig*
- November 1 – **The Ghosts in Our Machine** – with *Jo-Anne McArthur*
- November 27 – **Eating Animals** – with *Professor Jim Keen*

The first film screened in October 2018 was *The Last Pig* and included an appearance by a rescued pig named Charlotte and her adoptive dad, Ryan Phillips. *The Last Pig* is a meditation on what it means to be a sentient creature with the power to kill. Deeply immersive, the film follows a farmer in his final year of slaughtering pigs as he confronts his growing conflict over

a life spent “peddling in death.” Our students all said it was very valuable to interact directly with a living pig and experience her as an individual after seeing a film with such emotional impact.

For many film screenings at HLS, groups will bring experts in for a Q&A session after the film. But in our experience these experts often would travel a considerable distance only to get to speak for a very short time—given that the audience just spent 90 minutes watching a documentary about a challenging subject matter after already having a full day of law school classes. Accordingly, we decided to have the film-related experts first do a lunchtime lecture to fully discuss their work and help promote the evening film screening. They then are able to do a more abbreviated Q&A after the film itself.

Animal Law & Policy Speaker Series

- April 23, 2019 – [“Can Ethical Labeling Make Food Systems Healthy, Sustainable and Just?”](#) – Christine Parker, Animal Law & Policy Program
- April 18, 2019 – [“Farmed Animal Legislation Panel”](#) – Cailen LaBarge, Animal Equality; Laura Hagen, PETA Foundation; Stephanie Harris, Humane Society of the United States
- April 11, 2019 – [“Ag-Gag Anti-Whistleblower Laws”](#) – Chris Green, ALPP
- April 3, 2019 – [Factory Farming Coffee Chat](#) – Jay Shooster, Richman Law Group
- March 11, 2019 – Coffee Chat with Animal Law Attorneys – Irina Anta and Keith Jamieson, Compassion Over Killing
- February 1, 2019 – [“The Challenge of Christian Animal Ethics”](#) – David Clough, University of Chester
- November 28, 2018 – Coffee Chat on Animal Agriculture – Jonathan Lovvorn, HSUS
- November 27, 2018 – [“Factory Farming Research Regulation”](#) – Jim Keen, University of Nebraska
- November 13, 2018 – [“The Case for Nonhuman Personhood”](#) – Jeff Sebo, New York University Animal Studies
- November 1, 2018 – [“Animals in the Anthropocene”](#) – Jo-Anne McArthur, We Animals Media
- October 7, 2018 – “The End of Animal Farming” – Jacy Reese, The Sentience Project

Global Federation of Animal Sanctuaries, Board Meeting

In November 2018, when their other venue fell through on short notice, we were able to host the Global Federation of Animal Sanctuaries at our offices to hold their annual board meeting. Kristen Stilt and Chris Green joined them for lunch and part of the open session.

Fourth Annual Student Animal Law Trip to Washington, DC

To familiarize students with the practice of animal law and policy, and help get them integrate into the practitioner network, we organized the fourth Annual “Animal Law Student Trip” to Washington, DC, in April. This year, seven HLS students visited nine different animal law practice settings in the nation’s capital—including two government agencies, a US Senate office, and several public interest organizations. Over the course of the two days, our students directly interacted with over 40 practicing attorneys and policy staff whose work focuses on animal protection. The overall experience was an invaluable way for our students to learn about the many career options available to them while also acquiring a true feel for the work environments at most of the top organizations doing substantive legal work in the field.

The offices visited this year included:

- Animal Welfare Institute
- American Society for the Prevention of Cruelty to Animals–Government Relations Dept.
- Senator Cory Booker’s Office
- Defenders of Wildlife
- People for the Ethical Treatment of Animals Foundation–Litigation Office
- US Department of Justice–Animal Welfare Enforcement
- US Department of Agriculture–APHIS Animal Care
- US House of Representatives–Agricultural Appropriations Committee
- Humane Society of the United States–Animal Protection Litigation Section



The students also met with representatives of the [White Coat Waste Project](#).

This year the students who attended the DC trip were 3L Kate Barnekow; 2Ls Ginger Cline, Kelley McGill, Boanne Wassink, Gabriel Wildgen, and Harish Vemuri; and 1Ls Taylor Dodson and Andrew Stawasz. ALPP Executive Director Chris Green accompanied the students on the visits.

ALPP Student Writing Prize

In May we judged our fourth HLS [Animal Law & Policy Writing Prize](#), an annual competition that awards \$1,000 for the best student paper related to animal law written in conjunction with a course, seminar, clinic, or as an independent study project at the Law School. Typically, we give out two writing prizes in order to balance out any inequities from JD students having to compete with entire LLM or SJD dissertations. However, this year the 10 submissions we received were so strong that we awarded three prizes. The [ALPP Writing Prize winners](#) this year were graduating JD students Kate Barnekow, who wrote “Threatened Species Permits Under the Endangered Species Act: History, Policy, and Challenges,” and Ann Madding, who wrote “The Big 5”: Re-evaluating the Role of the Biodiversity Conventions in Protecting the African Elephant.” The third writing prize went to LLM student Charlotte Blattner, for “Drafting Principles of Transitional Justice for an Interspecies Society.”

Animal Law Course Advising Session

In April, Professor Kristen Stilt and Chris Green hosted a lunchtime session to advise students interested in animal law and policy on course selection for the 2019-20 academic year. The two went through the entire Harvard Law School course catalog and identified the courses most relevant to a future career in animal law and policy, both in terms of related legal doctrine and basic preparation in public interest legal practice. About 20 students attended the event.



PLACEMENT

HLS Graduates

All these opportunities have helped our students secure full-time employment after graduation, as well as summer/winter internships and in-school externships during the academic term. This year, one of our 2019 JD graduates, [Kate Barnekow](#), secured a two-year Litigation Fellowship with People for the Ethical Treatment of Animals commencing directly after law school. She then was able to defer that fellowship in order to spend the coming year as the first Clinical Fellow of our newly launched Animal Law & Policy Clinic. Sarah Joseph (JD '18) also spent the past year as a Litigation Fellow with the Humane Society of the United States' Animal Protection Litigation office. Former HLS SALDF President, Alene Anello (JD '16), will complete her two-year Litigation Fellowship at the Animal Legal Defense Fund in August 2019 after which she will

become Legal Counsel for the Good Food Institute, providing support on a variety of legal matters related to GFI's mission and nonprofit status.

Current Students

This past year, six current HLS JD students also spent time working with a wide range of outside organizations related to animal protection—either via in-person internships, or externships during the academic term. Those organizations included the US Senate's Agricultural Appropriations Committee, Animal Justice, the Animal Welfare Institute, Compassion Over Killing, the Conservation Law Foundation, Mercy for Animals, and the New England Anti-Vivisection Society.

ALPP Fellows

Our Visiting Fellows also have successfully obtained full-time jobs in animal protection directly after their time with the Animal Law & Policy Program. In September 2018, our 2017-18 Farmed Animal Law & Policy Fellow [Elan Abrell](#) joined The Good Food Institute as a Senior Regulatory Specialist focusing on regulatory oversight of cell-based agriculture. The subject was the topic of his scholarship during the academic year he spent with us. In September 2019, our two-year Farmed Animal Law & Policy Fellow, [Matthew Hayek](#), will begin a new tenure-track appointment as an Assistant Professor in Environmental Studies at New York University. In this research professor position, he will perform scientific research and analyses quantifying the contributions of animal agricultural production and dietary consumption trends to climate change. He will also explore and analyze the contributions that shifts toward plant-rich diets and alternative meat and dairy products can make toward and international climate mitigation agreements. He plans to work collaboratively with colleagues at NYU and elsewhere to quantify tradeoffs between production and consumption-side reforms to food production for climate mitigation, animal welfare, economic development, water quality and scarcity, biodiversity, and food security. Additionally, Matt will teach classes to undergraduates and master's students on a range of subjects relating to humans' and animals' roles in the environment, including introductory earth system science, geospatial statistical analysis, animal agricultural production, global trade, and climate change mitigation.

IN RECOGNITION



December 12, 2018 marked the 95th birthday of Bob Barker. Bob has been a life-long friend to animals, stalwart supporter of the animal protection movement, and was the first to invest in Animal Law education.

As noted in the [Journal of Legal Education article](#) on his Animal Law philanthropy, Bob Barker is a long-time vegan, who for decades closed The Price Is Right show with the lines: “Help control the pet population. Have your pets spayed or neutered.” Over time, products made of fur or leather, aquariums, and fishing equipment were eliminated as show prizes and prize barbecues were displayed with vegetables on the grill, not meat.

This picture is from 2001 when Mr. Barker chose Harvard for his inaugural [Endowment for the Study of Animal Rights Law](#).

At the time Chris Green and Miguel Danielson were still law students representing the HLS SALDF (Miguel later went on to chair the board of the plant-based philanthropic organization [VegFund](#)).

Afterwards they all went and ate veggie burgers at the Harvard Faculty Club with Bob and Dean Clark. Mr. Barker since has given over \$8,000,000 to law schools around the country.

Looking Forward to the 2019-2020 Academic Year

We look forward to further developing our potential as we continue to create new opportunities for students, increase both the quantity and quality of academic scholarship in the field, and contribute to a broader public appreciation of the pressing issues addressed by the Harvard Animal Law & Policy Program and Animal Law & Policy Clinic. The Clinic's plans to undertake high-impact cases under the leadership of Clinic Director and Visiting Assistant Clinical Professor of Law Katherine Meyer and Clinical Instructor Nicole Negowetti will certainly be one of the highlights of the 2019-2020 year. Our ability to communicate our work to the world will be increased by incoming full-time Communications Manager, Sarah Pickering. For the 2019-2020 academic year we also are hosting eight Visiting Fellows and three Visiting Researchers. They are listed alphabetically below with their research project titles.

Visiting Fellows

Hadar Aviram | Professor, University of California Hastings College of Law

Looking Forward to Doing Time for the Animals: The Role of Criminal Proceedings in the Activism Strategy and Rhetoric of Open Rescuers from Factory Farms

Omar Farahat | Assistant Professor, McGill University Faculty of Law

Personhood in Islamic Legal Theory

Amy Fitzgerald | Associate Professor, Great Lakes Institute for Environmental Research, University of Windsor

Social Recognition of Animals Ab(Used) in the Context of Intimate Partner Violence: A Strategic Avenue for Broader Socio-Legal Change?

Helen Harwatt | PhD, Environmental Social Science, Leeds University

Assessing the Impacts of Food Systems on Environmental Sustainability, Public Health, and Ethics

Jim Keen | Professor, University of Nebraska

A Tapestry of Cruelty and Waste: Failed Federal Intramural Animal Research

Jayasimha Nuggehalli | Co-Founder and Chief Operating Officer of Global Food Partners; Former Managing Director, Humane Society International–India

Helping Companies Meet Animal Welfare Commitments through Certificate Trading Platform

Steven Niemi | Past-Director, Office of Animal Resources, Harvard University Faculty of Arts and Sciences

Ethical Gaps in Today's Pet Breeding Standards

Gale E. Rasin | Senior Judge, Circuit Court for Baltimore

Animal Hoarding: The Judicial Response



Visiting Scholars and Researchers

Charlotte Blattner | *PhD in Law, University of Basel*

Critical Intersections of Animal and Environmental Law

Saskia Stucki | *Assistant Professor, McGill University Faculty of Law*

Elements of a Legal Theory of Animal Rights

Human Rights and Animal Rights

International Humanitarian Law and Animal Welfare Law

Visiting Professor

Justin Marceau | *Professor of Law and the Animal Legal Defense Fund Professor, University of Denver Sturm College of Law*

In Spring 2020, Justin Marceau will be joining the HLS faculty as a Visiting Professor to teach Advanced Criminal Procedure. During his time at Harvard, Marceau additionally will be teaching our Animal Law course while Professor Stilt is on research leave. Professor Marceau is one of the leading experts in the field, holding the nation's only endowed chair in Animal Law, and was the lead attorney in the successful constitutional challenges to several state Ag-Gag laws.



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