



Hello From Space (Law)! This is our seventh biannual (fall/spring semester) Space, Cyber, and Telecommunications Law program newsletter and updates for alumni. This newsletter includes program updates, notes on upcoming events, and our calendar.

Welcome from the Graduate Assistant



Matt Schaefer, Gus Hurwitz, Jack Beard, Frans von der Dunk, Elsbeth Magilton, and I want to thank all of you for your continued support and engagement with our program. 2018-2019 brought much success for the program, and 2019-2020 is off to an exciting start! I am the program's new Graduate Assistant for this academic year and I look forward to

working with all of you.

Attached to this newsletter email is an Annual Review of our activities in 2018-2019 and many student updates. I hope you all take some time to look through it and see the accomplishments of those within our program and the impact they are making in our local community and our nation. While it would be impossible to showcase all the wonderful contributions made towards advancing the field, we tried to highlight some of the more notable work.

Wishing you and your families a delightful fall as we wrap up 2019!

Kristin Vankat, Space, Cyber, Telecommunications Law Program Graduate Assistant

Program Merchandise

The College of Law's merchandise store is open year round, with a wide variety of gear to rep the College. There is also a "sub-store" to purchase apparel specific to Space Lawyers, Cyber Warriors, and the SCTL program.

College of Law: <https://nebraskalawstore.com/>

SCTL Store: <https://nebraskalawstore.com/sctlp/>

You can also navigate to these pages from the ribbon menu on the law college's main homepage found at law.unl.edu.

U.S. STRATCOM Advanced Operational Law Conference 2019, "Law and Global Warfighting: The Challenges in 21st Century Practice"

For the fourth year, U.S. Strategic Command, in cooperation with the National Strategic Research Institute and the University of Nebraska College of Law, hosted an Advanced Operational Law Conference, which was from 4 September to 5 September 2019. The conference objective was to share best practices on strategic level international and operational law, with a focus on the legal challenges facing current practitioners. The conference is intended to be a forum to discuss the evolving space domain, nuclear weapons, and to increase the understanding of potential adversaries and issues relating



to the law of war. Our goal was to open lines of communication between attorneys, practitioners, and planners, and we had an interdisciplinary audience in attendance.

Elsbeth Magilton was again the lead contractor for this project and worked directly with STRATCOM SJA Col. Darren Huskisson (USAF) and his team to meet their office's objectives for the conference curriculum.

General John Hyten, Commander of U.S. Strategic Command, kicked off the conference with a welcome, followed by speakers Jessica Tok, Space Policy Advisor to the Secretary of Defense; LTC Zachary Irvine, Deputy Director Commander's Action Group; Christopher T. Kuklinski USSTRATCOM's Assistant Deputy Director of Global Operations; among other esteemed leaders and experts in the field of national security and space law.

Topics included from Civilian and Military Effects from Low-Yield Nuclear Weapon Detonations, Nuclear Decision Making Process, Presidential Authority under Article 2, and further engaging and thought provoking issues.

Elsbeth reflected back on the conference saying, "One of my favorite moments was listening to the recording of Sputnik's beep and Laura Grego's recounting of the NBC anchor's response, 'Listen now for the sound that will forever more separate the old from the new...' because I believe that is why we gather to have these conversations. Our world, the technology we create, and modern geopolitics is moving at a rapid pace. It is my hope that conversations and informational sessions like those we've enjoyed during this conference prepare to practice in those environments."

The conference concluded with remarks from Vice Admiral David M. Kriete, Deputy Commander at U.S. STRATCOM, and a refreshed excitement to pursue new developments in the field.

12th Annual Washington D.C. Space Law Conference: Global Perspectives on Space Law and Policy

Our 12th Annual Nebraska Space Law Conference, "Global Perspectives on Space Law and Policy," in Washington D.C. at the National Press Club will be held October 18th from 10:45AM-5:00PM. All alumni are welcome for the full day, or any portion of it. We have panels on commercial space legislation, spectrum challenges for space activities,

and military activities in outer space. This conference is CLE certified in Nebraska. Certificate provided for other jurisdictions.

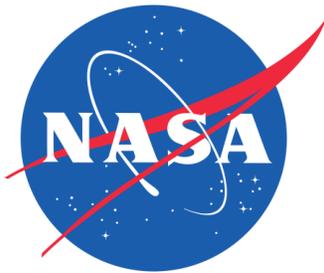
The agenda is available at <https://law.unl.edu/dc-conferences/>
Free registration is available at https://law.unl.edu/dc_registration/

The conference will be concluded with our second Women in Space Law mixer directly following as the Press Club. All are welcome.

NASA Student Scholarships to the 12th Annual Washington D.C. Space Law Conference

LL.M. student travel costs to the annual conference in Washington DC have always been provided by the program's operational budget. It has long been a goal of ours to find funding to support J.D. and even undergraduate travel stipends. Beginning last year we now partner with NASA Nebraska (every state has a NASA affiliate office aimed at representing and supporting NASA's interests in that state) and they provided 7 student scholarships to undergraduates and law students across Nebraska. We are so excited to have these students join us.

NASA Space Law Network



Last fall, Nebraska Law was awarded the \$250,000 NASA Space Law pilot-program grant to create a nationwide network of students, faculty and practitioners interested in space law and policy. In January and February, law students applied for Space-Law Network-funded NASA internships at eight different centers across the country. All eight interns had the opportunity to serve NASA over their summer, gaining practical legal experience.

The grant is also focused on becoming a scholarly resource for students and faculty and hosted a weekend workshop April 6-7, 2019 to help students and new scholars focus on publication and scholarly writing in the field of space law. The workshop featured a mixture of sessions detailing the international and domestic foundations of space law.

Students to Visit NASA Goddard

LL.M. and J.D. students joining the program in DC for the Annual Conference will be hosted by the NASA Goddard legal team the day prior to the conference to learn about operations at that center.

Woomera Manual Leadership

The University of Nebraska College of Law, with the University of Adelaide, UNSW Canberra, and the University of Exeter announced the roll out of *The Woomera Manual on the International Law of Military Space Operations*. Other partnering institutions

include the U.S. Naval War College, the Lieber Institute at West Point, and the University of Cologne, and more.

The Woomera Manual aims to become the definitive document on military and security law as it applies to space. In February, the College of Law hosted the sponsors, partners, and scholars working on the project for a week of workshops and conferencing in development of the manual. These sessions were closed, but there were dinners for each evening of the visit. The project will be completed in 2020 and will draw on the

knowledge of dozens of legal and space operations experts from around the world.



This summer, Professors Jack Beard and Frans von der Dunk attended the third meeting of international experts drafting the Woomera Manual. The meeting was held August 4-9 in The Hague, Netherlands, and was hosted by the Dutch Ministry of Defense.

Professor von der Dunk was elevated to the position of Core Expert, and

Professor Beard was named to the Board of Directors of the Woomera Manual project and also joined the editorial team.

FCC Chairman Ajit Pai at Nebraska Law

The day long visit will begin off campus at a farm; a visit coordinated by the Robert B. Daugherty Water for Food Global Institute at the University of Nebraska. The Chairman will visit Steve Althouse Farms, just outside of Waverly, for a discussion of dryland farming operations, the precision technology used for planting and harvesting, and the data collected. Giltner Nebraska farmer, Brandon Hunnicut, will also join the visit to provide some perspective about rural connectivity and the use of precision technology in an irrigated system.



Afterward, the Chairman will join students and community members for three unique sessions throughout the day. At a lunch for Law, Business, Engineering, and Journalism students, he will discuss the FCC's work as well as the world of federal policy more

generally. Following lunch, the Chairman will join a roundtable discussion about federal communications policy with interested members of the Nebraska community.

The visit will conclude with a public "Fireside Chat" at the Nebraska Union at 3:30. The fireside chat will start with a discussion between Chairman Pai and College of Law Professor Gus Hurwitz, before opening to questions from and discussion with the audience.

Chairman Pai has led the FCC since 2017, and previously served as a Commissioner for the FCC since 2012. In these capacities, he has helped to shape all aspects of federal communications policies, from efforts to shrink the digital divide, to fostering deployment of next generation wireless technologies, fighting robocalls, freeing spectrum to support next-generation technologies such as precision agriculture and satellite-based Internet access, modernizing media ownership rules, updating public safety technologies (e.g., to allow you to text to 911, and for 911 operators to access location information) -- and, yes, net neutrality. The son of immigrants from India, Chairman Pai grew up in Parsons, Kansas. He graduated with honors from Harvard University in 1994 and from the University of Chicago Law School in 1997.

Student Telecom, Digital Divide, and Rural Services Tour Continues

Program Co-Director Gus Hurwitz and Elsbeth Magilton have again coordinated student experience trips with the Nebraska Telecommunications Association, Comcast, CableLabs, the University of Colorado College of Law, and Google's Silicon Flatirons.

The goal is to give students exposure to the business and regulatory side of a technologically-dynamic and highly regulated industry. As alumni you know rural telecom providers are very sophisticated businesses operating right here in the middle of America. They are on the front lines of many regulatory challenges. These tours are designed to give students insight into these businesses and to learn about this unique practice area for attorneys. This is an excellent opportunity to expand student understanding and meet attorneys working with these companies.

Completion of the Nebraska National Guard Project on Cyber Capabilities



In September 2018 we launched a new project with the Nebraska National Guard titled, "Study on Legal Responsibilities, Limitations, and Requirements for Nebraska National Guard Cyber Capabilities." The National Strategic Research Institute (NSRI), a University Affiliated Research Center (UARC) and not-for-profit unit of the University of Nebraska, has engaged a task order to support the United States Strategic Command Joint Cyber Center (USSTRATCOM

JCC). The project concluded this month with a report and recommendations for the Nebraska Guard. Elsbeth Magilton served as the main drafter and researcher. JD students Janell Bock and Luke Stenard assisted on the project.

Women in National Security

Elsbeth Magilton was awarded the Inclusive Excellence Development Grant this past spring from the University of Nebraska's Office of Diversity, Access and Inclusion. Her proposal with Dr. Tyler White, Assistant Professor in the Department of Political Science, aims to improve student programming and resources to provide career development and mentorship for women in the national security field.

Students have already enjoyed several speaking events and career coaching sessions affiliated with the project. This fall the grant will host Retired CIA Officer Beth Barns for several student sessions across the Law College and undergraduate programs.

Galloway Symposium Sponsorship

The College of Law is proud to be a supporting sponsor of the International Institute of Space Law (IISL) Annual Galloway Symposium. The symposium will be held in December at the Cosmos Club in Washington D.C. Advanced registration is required and operated by the IISL.

Social Media

All alumni and law college students welcome to join our private Facebook group. This group posts interesting articles, job openings, publishing opportunities, and more: www.facebook.com/groups/196215660478708. We're also on Twitter at [@spacecyberlaw](https://twitter.com/spacecyberlaw).

Lachs Space Law Moot Court

Volunteer opportunity alert (***particularly for those of you in DC!***): The space law moot competition is always in need of judges, both for briefs and for oral arguments. You can sign up to judge at: astroesq.com/spacemootjudges

Attached to this Email: 2018-2019 Academic Year Annual Review