THE LAW AND ECONOMICS
OF SPACE POLICY

October 14th-15th, 2016 ▪ Arlington, VA
**WELCOME** to the Policy Research Seminar on *The Law and Economics of Space Policy*, co-sponsored by the Institute for Humane Studies (IHS) and the Mercatus Center at George Mason University. You have been invited to this event because we hold your work in high esteem for both its scholarly contributions and for its practical applications to our understanding of a free society. As such, we encourage you to join in what promises to be an active and lively conversation, and to draw from your own research and experiences in doing so. I invite you to explore future research opportunities on policy areas of interest to your own work and to consider developing your work in new directions.

One of our primary goals for the weekend is to help facilitate scholarly collaboration among the approximately 25 faculty, graduate students, policy experts, and IHS and Mercatus staff in attendance. I hope you see this as a valuable opportunity to get to know like-minded scholars with similar research interests. We are hosting several world-class speakers who can share their experience and advice on how to flourish, as they have, in the trenches of academia, and an often-hostile policy world. We have found that some of the best conversations from our seminars occur spontaneously at receptions and around the dinner tables, so please stick around for the post-programing activities.

Thank you again for joining us, and we look forward to meeting each of you over the course of the seminar. We are looking forward to a fulfilling and productive weekend, so please don’t hesitate to let us know if we may do anything to improve your experience.

Best,

Rachel Swaffer
Institute for Humane Studies
rswaffer@ihs.gmu.edu
Opportunities like this to gather with like-minded, intelligent people are invaluable. It is always a positive experience to feel ideologically and philosophically at home at such events.

Attendee, Economics of Education Policy Research Seminar, Austin, Texas
FRIDAY, OCTOBER 14th

6:30-7:00 | Registration  
*Potomac Salon D Foyer*

7:00-7:45 | Dinner  
*Potomac Salon D*

7:45-8:00 | Welcome and Seminar Introduction  
*Potomac Salon D*

*Rachel Swaffer, Director of External Relations at the Institute for Humane Studies*

8:00-9:00 | “Can the Internet’s Permissionless Innovation Paradigm Be Applied More Broadly?”  
*Potomac Salon D*

*Adam Thierer, Senior Research Fellow for the Technology Policy Program at the Mercatus Center*

9:00-11:00 | Reception  
*Roosevelt*

SATURDAY, OCTOBER 15th

8:00-9:00 | Breakfast  
*Martin Luther King*

9:00-10:00 | “The US Commercial Space Launch Competitiveness Act”  
*Potomac Salon D*

*Paul Stimers, Partner at K&L Gates LLP*

10:00-10:15 | Coffee Break
SATURDAY, OCTOBER 15TH

10:15-11:15 | What Does the Commercial Space Industry Need to Take Flight?
*Potomac Salon D*

- Paul Stimers, Partner at K&L Gates LLP
- Peter Marquez, Vice President, Global Engagement at Planetary Resources
- Charity Weeden, Senior Director of Policy at the Satellite Industry Association

11:15-11:30 | Coffee break

11:30-12:30 | National and International Regulations
*Potomac Salon D*

- Laura Montgomery, Attorney at the Law Offices of Laura Montgomery
- Franceska Schroeder, Attorney at Fish & Richardson, Space and Defense Industry

12:30-1:00 | Lunch
*Martin Luther King*

1:00-2:00 | “Export Controls and the Commercial Space Industry”
*Potomac Salon D*

- Franceska Schroeder, Attorney at Fish & Richardson, Space and Defense Industry

2:00-2:15 | Coffee Break

2:15-3:15 | Mercatus Policy Workshop
*Potomac Salon D*

- Alexander Salter, Research Fellow at the Free Market Institute and Assistant Professor of Economics at Texas Tech University
- Eli Dourado, Research Fellow and Director of the Technology Policy Program at the Mercatus Center
- Andrea Castillo, Program Manager of the Technology Policy Program at the Mercatus Center
3:15-3:30 | Opportunities at the Institute for Humane Studies
   Potomac Salon D
   • Rachel Swaffer, Director of External Relations at the Institute for Humane Studies

3:30-7:00 | Break

7:00-7:30 | Dinner
   Potomac Salon D

7:30-8:30 | “Article IV of the Outer Space Treaty”
   Potomac Salon D
   • Laura Montgomery, Attorney at the Law Offices of Laura Montgomery

8:30-10:30 | Reception
   Roosevelt
Founded in 1961 by Dr. F.A. “Baldy” Harper, the Institute for Humane Studies is a non-profit educational organization that engages with students and professors around the country to encourage the study and advancement of freedom. We support this audience in advancing the principles and practice of freedom in their careers, and connect them to a community of individuals committed to the power of freedom and of ideas. Specifically, we facilitate the impact of professors both on and beyond their campuses – partnering with faculty to run campus programs and connecting scholars to opportunities to further their careers both in and out of the academy.

Learn more, sign up for programs, and check out our many opportunities for faculty and students at www.theIHS.org.

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IHS STAFF IN ATTENDANCE

**JUSTIN DAVIS**  
Faculty Programs Coordinator

**ASHLEY DONOHUE**  
Faculty Programs Manager

**MEGAN JENNINGS**  
Events Management Assistant

**MARISA SALAZAR**  
Events Management Assistant

**RACHEL SWAFFER**  
Director of External Relations
The Mercatus Center at George Mason University is the world’s premier university source for market-oriented ideas. A university-based research center, the Mercatus Center advances knowledge about how markets work to improve people’s lives by training graduate students, conducting research, and applying economics to offer solutions to society’s most pressing problems. Our mission is to generate knowledge and understanding of the institutions that affect the freedom to prosper, and to find sustainable solutions that overcome the barriers preventing individuals from living free, prosperous, and peaceful lives. Mercatus researchers conduct research, work with graduate students to apply ideas to problems in the world, and make research findings available to the media and to policymakers to connect academic learning with real-world practice.

For over 30 years, the Mercatus Center at George Mason University has recruited, trained, and supported graduate students who have gone on to pursue careers in academia, government, and public policy as well as support scholars pursuing research on the cutting edge of academia. Programs for Graduate Students include the Adam Smith Fellowship, a co-sponsored program of the Mercatus Center and Liberty Fund, Inc, which is awarded to graduate students attending PhD programs in a variety of fields including economics, philosophy, political science, and sociology, and the Frédéric Bastiat Fellowship, which is awarded to graduate students attending master’s, juris doctoral, and doctoral programs in a variety of fields including economics, law, political science, and public policy.

To inquire about working with Mercatus to use your academic scholarship to effect policy or to apply for a student program please email Rob Raffety at raffety@ihs.gmu.edu.
ELI DOURADO

El Dourado is a Research Fellow at the Mercatus Center at George Mason University and director of its Technology Policy Program. He specializes in Internet governance, intellectual property, cryptocurrency, Internet security, and the economics of technology. His popular writing has appeared in The New York Times, The Washington Post, Foreign Policy, The Guardian, Ars Technica, and Wired, among other outlets.

Dourado is a member of the State Department’s International Telecommunication Advisory Committee and has served on several U.S. delegations to UN treaty and policy conferences. In 2013, he won an IP3 award from Public Knowledge for the creation of WCITLeaks.org, a transparency website focused on the UN’s International Telecommunication Union.

Dourado is a PhD candidate in economics at George Mason University and received his BA in economics and political science from Furman University.

PETER MARQUEZ

Peter Marquez is the Vice President for Global Engagement at Planetary Resources and owns Ascending Node, a consulting firm specializing in space policy.

From 2007 to 2010 Peter served at the White House in the National Security Council as the Director for Space Policy where he led the development of the 2010 U.S. National Space Policy. Peter oversaw the development, implementation, and coordination of the space policies of Presidents Bush and Obama. Peter’s policy responsibilities, in addition to space, included critical infrastructure protection, and military intelligence activities. Peter also oversaw regional security issues, focusing on Asia. While at the White House, Peter began the initiative that created the U.S.-Japan strategic space cooperation.

From 2005 to 2007 Peter served as a special assistant to the Under Secretary and Principal Deputy under Secretary of Defense for Policy. Peter’s duties in that position included oversight of the Department of Defense’s operational special access programs. From 2003 to 2005 Peter worked in the Office of the Secretary of Defense’s directorate for Space Policy and was responsible for the space control portfolio. From 2000 to 2003 Peter worked for the United States Air Force assisting in the development of policy and requirements and the acquisition of classified space programs.

Peter was born in California and received a bachelor’s degree in political science in 1998 and master’s degree in science and technology policy in 2000 from George Washington University.
LAURA MONTGOMERY

The Law Offices of Laura Montgomery specializes in regulatory space law, with an emphasis on commercial space transportation and the Outer Space Treaties. The firm focuses on the Commercial Space Launch Act, its implementing regulations governing the launch of launch vehicle, the reentry of reentry vehicles, the operation of launch and reentry sites, and the financial responsibility and liability requirements of those regulations.

Ms. Montgomery spent over two decades with the Federal Aviation Administration. She served as the manager of the Space Law Branch in the FAA's Office of the Chief Counsel. Before that, she was the FAA's Senior Attorney for Commercial Space Transportation. As the FAA's space lawyer, she supported the Office of Commercial Space Transportation in its authorization and regulation of launch, reentry and the operation of launch and reentry sites, popularly referred to as spaceports. Her work at the FAA included legal interpretations, the development and application of regulations and legislative proposals, identification of matters for enforcement action, and licensing and permitting evaluation. Her rulemakings included human space flight, explosive siting, launch and launch site licensing and safety, experimental permits, lightning protection, and financial responsibility. She addressed a wide range of issues, from amateur rockets, to sea launch, to space balloons. Highlights from Ms. Montgomery’s time at the FAA include her representation of the FAA at the UN’s legal subcommittee of the Committee on the Peaceful Uses of Outer Space, her service as chair to an inter-agency working group on space property rights at the request of the Office of Science and Technology Policy in the White House, and testimony to Congress on the FAA’s interpretation of the Commercial Space Launch Act.

Before working for the government, she was in private practice with Arter & Hadden in Washington, DC, where she specialized in telecommunications, administrative law, and appellate work. Laura Montgomery received her law degree from the University of Pennsylvania in 1987, and her undergraduate degree with honors from the University of Virginia in 1983. She has published articles on human space flight and launch safety. She also writes science fiction.

ALEXANDER SALTER

Alexander Salter joined the faculty of the Rawls College of Business at Texas Tech University in Fall 2015. He is also the Comparative Economics Research Fellow at Texas Tech’s Free Market Institute. Prior to this he taught at Berry College, in the Campbell School of Business.

Dr. Salter’s research interests fall into two categories: monetary institutions and policy, and the economics of governance. His goal in monetary research is to discover monetary regimes that maintain macroeconomic stability, but also adhere to the rule of law, and rely on realistic appraisals of the incentives and information confronting market actors and policymakers. His perspective on monetary economics is heavily influenced by thinkers in the Austrian tradition, such as Ludwig von Mises and Friedrich Hayek, as well as the monetary disequilibrium theory of Leland Yeager. His goal in governance research is to discover political regimes in which governors have the information and incentives necessary to promote the welfare of the governed. His perspective on governance is heavily influenced by the Virginia school of political economy, especially the work of James Buchanan and Gordon Tullock, as well as recent work in private governance.

Dr. Salter received his B.A. in Economics, with a minor in Mathematics, from Occidental College in 2010.
He then attended George Mason University for graduate school, earning his M.A. in 2012 and Ph.D. in 2014. He wrote his dissertation, titled 'Essays on the Political Economy of Monetary Institutions and Policy,' under Professor Lawrence H. White.

FRANCESKA SCHROEDER

Franceska O. Schroeder is a space and defense industry lawyer resident in the Washington, D.C., office of Fish & Richardson. Clients turn to Ms. Schroeder for help with complex issues involving compliance with U.S. export controls and economic sanctions programs, drafting and negotiating commercial and government contracts, liability and risk management, and legislative and policy matters that impact their business.

Ms. Schroeder’s clients include aerospace and defense contractors, satellite manufacturers and operators, launch services providers, systems engineering firms, software companies, insurance brokers and underwriters, and investors in high-technology projects. She is also Legal Counsel to the American Astronautical Society and serves as a Private Sector Advisor to the U.S. Delegation to the Legal Subcommittee of the United Nations Committee on the Peaceful Uses of Outer Space. In 2012, Ms. Schroeder was appointed to the NASA Advisory Council’s Commercial Space Committee and in 2014 was elected a Fellow of the American Astronautical Society. Ms. Schroeder is also an Adjunct Professor at the University of Nebraska School of Law, where she co-teaches a course on Space and Satellite Business Law.

PAUL STIMERS

Mr. Stimers focuses his policy advocacy efforts on matters related to emerging technologies, such as commercial spaceflight, IT, nanotechnology, and water technology, and advises a wide range of companies and industry associations in pursuing legislation and representing their interests before Congress and federal agencies. As policy counsel to several major commercial spaceflight companies and the leading industry association for commercial spaceflight, Paul has been active in helping the industry grow quickly and safely, while continuing to support a strong role for NASA in space exploration.

In the field of information technology policy, Paul is actively involved in matters relating to Internet governance. He works with software companies and industry associations to ensure data and network security without restricting technological development. He has helped manage industry-wide efforts to prevent technology mandates while improving security. He has also assisted companies in developing privacy policies that protect consumers’ personal information while enabling new products and services.

In addition to his work with emerging technologies, Paul works extensively with nonprofit organizations addressing the needs of the world’s poorest people. He helped to pass the Water for the Poor Act of 2005, which created a framework for the United States to help provide millions of people with sustainable access to safe drinking water and sanitation, and the Water for the World Act of 2014, which further expanded US efforts to improve access. Since 2005, he has helped direct more than $1.5 billion toward providing water and sanitation to those who need it most. He also advises organizations supporting funding for broader US poverty-focused development assistance.
ADAM THIERER

Adam Thierer is a Senior Research Fellow with the Technology Policy Program at the Mercatus Center at George Mason University. He specializes in technology, media, Internet, and free-speech policies, with a particular focus on online safety and digital privacy. His writings have appeared in the Wall Street Journal, the Economist, the Washington Post, the Atlantic, and Forbes, and he has appeared on national television and radio. Thierer is a frequent guest lecturer and has testified numerous times on Capitol Hill.

Thierer has authored or edited eight books on topics ranging from media regulation and child safety issues to the role of federalism in high-technology markets. His latest book is Permissionless Innovation: The Continuing Case for Comprehensive Technological Freedom.

He contributes to the Technology Liberation Front, a leading tech policy blog. Thierer has served on several distinguished online safety task forces, including Harvard University’s Internet Safety Technical Task Force and the federal government’s Online Safety Technology Working Group.

Previously, Thierer was president of the Progress & Freedom Foundation, director of telecommunications studies at the Cato Institute, and a senior fellow at the Heritage Foundation. Thierer received his MA in international business management and trade theory at the University of Maryland and his BA in journalism and political philosophy from Indiana University.

CHARITY WEEDEN

Charity Weeden joined the Satellite Industry Association as its Senior Director of Policy in February, 2016. In this role, Ms. Weeden supports SIA’s work on government services, regulatory, legislative, defense, export-control and trade issues of critical importance to the Association’s members.

Prior to joining SIA, Ms. Weeden was co-founder and President of Lquinox Consulting LLC, an independent space and data management consulting company that fosters international partnerships and provides expert advice on the economic, security, scientific, and societal benefits of satellite applications. Ms. Weeden completed a distinguished 23-year career in the Royal Canadian Air Force, most recently as Assistant Attaché of Air & Space Operations for the Canadian Defense Liaison Staff in Washington, where she worked closely with U.S. government and industry as well as the Washington Embassy community. She started her career as a CP-140 (P-3) maritime patrol Air Navigator, conducting airborne maritime surveillance operations followed by two tours in space operations and policy, including experience as Deputy Sensor Manager for the U.S. Space Surveillance Network, providing space policy inputs to NORAD and USNORTHCOM leadership, and serving on the International Space Station robotics management team.

Ms. Weeden holds a Master of Science, Space Studies from the University of North Dakota and graduated from the Royal Military College of Canada with a Bachelor of Engineering Degree in Mechanical Engineering. Ms. Weeden also earned Brookings Executive Education’s (BEE) Certificate in Policy Strategy and a Certificate, Interdisciplinary Space Studies from the International Space University.
IHS and Mercatus events are always a great opportunity to get together with other scholars who possess similar interests. This has led on multiple occasions to research collaboration and future publications.

Attendee, Mercatus Opportunities Seminar at the American Political Science Association’s Annual Meeting, Philadelphia, PA
JUSTIN DAVIS
Justin Davis serves as the Faculty Programs Coordinator at IHS, where he hopes to facilitate the advancement of classical liberal ideas by connecting the worlds of academia and policy. He completed his M.A. in Economics at George Mason University in 2016 and previously attained his B.S. in Business Administration from The Citadel in Charleston, South Carolina. His research interests include monetary institutions, entrepreneurship, and institutional development. Justin also served in the United States Army’s Corps of Engineers for three years as the squad leader of a bridge erection team. His army tenure stationed him in Fort Knox, Kentucky and included a deployment to Afghanistan with the 502nd Engineer Company, where he was a part of the first multi-role bridge company in the country. Justin currently lives in Capitol Hill with his wife Sarah, an interior and graphic designer, and their dog Max.

ASHLEY DONOHUE
Ashley Donohue is the Faculty Programs Manager at IHS. She oversees the Policy Research Seminar program and other programs that are geared towards liberty advancing junior and senior faculty. Outside of her work at IHS, she is finishing her doctoral dissertation on Anti-federalism and the ratification of the U.S. Constitution, and she previously taught U.S. History Discussion Section courses at the University of Houston. She has two Chihuahuas named Jack and Espresso, and enjoys practicing yoga, traveling, and drinking too much coffee.

MEGAN JENNINGS
Megan is an Events Management Assistant for the Institute for Humane Studies. She is a 2016 graduate of Hiram College with a Bachelor of Arts in communication. During school, she worked in the Office of College Relations and volunteered as a campus coordinator for Students For Liberty. In 2015 she completed the Koch Internship Program with SFL’s Student Programs team. Megan hopes to continue working on technical skills and gain familiarity with front-end development later in her career.
MARISA SALAZAR
Marisa is an Events Management Assistant with IHS. She graduated from New Mexico State University with a Bachelor’s degree in Kinesiology and minors in Economics and Business Administration. While in school, she was active with Young Americans for Liberty as a state chair and chapter president and Students for Liberty as the West Coast Events Director for their North American Executive Board.

RACHEL SWAFFER
As Director of External Relations at the Institute for Humane Studies, Rachel works with the IHS faculty relations team, external partners in policy and media, and a network of over 8000 university-based academics to bridge the gap between policy and academia. Rachel leads faculty placement and outreach teams that maintain accurate and current knowledge of the interests, research, and career developments of scholars in the IHS network, and work with partners in policy, media, and academia to place classical liberal academics in full and part-time positions that advance their career goals.
Eli Dourado  
Research Fellow and Director, Technology Policy Program  
Mercatus Center at George Mason University  
elidourado@gmail.com

Peter Marquez  
Vice President, Global Engagement  
Planetary Resources  
pmarquez@planetaryresources.com

Laura Montgomery  
Attorney  
Law Offices of Laura Montgomery  
lauramontgomeryspace@gmail.com

Alexander Salter  
Assistant Professor of Economics  
Texas Tech University  
alexander.w.salter@ttu.edu

Justin Davis  
Faculty Programs Coordinator  
Institute for Humane Studies  
jdavis@ihs.gmu.edu

Ashley Donohue  
Faculty Programs Manager  
Institute for Humane Studies  
adonohue@ihs.gmu.edu

Megan Jennings  
Events Management Assistant  
Institute for Humane Studies  
mjennings@ihs.gmu.edu

Francesca Schroeder  
Attorney  
Fish & Richardson, Space and Defense Industry  
schroeder@fm.com

Paul Stimers  
Partner  
K&L Gates LLP  
paul.stimers@klgates.com

Adam Thierer  
Senior Research Fellow, Technology Policy Program  
Mercatus Center at George Mason University  
athierer@mercatus.gmu.edu

Charity Weeden  
Senior Director of Policy  
Satellite Industry Association  
cweeden@sia.org

Marisa Salazar  
Events Management Assistant  
Institute for Humane Studies  
msalazar@ihs.gmu.edu

Rachel Swaffer  
Director of External Relations  
Institute for Humane Studies  
rswaffer@ihs.gmu.edu
The Marriott Hotel Floorplan
If you are interested in becoming a partner organization, or would like to make a general inquiry about the Institute for Humane Studies’ Policy Research Seminars, contact Justin Davis at policyresearch@TheIHS.org

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January 4th-5th in Chicago, IL