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| **Education** |
| **Master of Laws in Air and Space Law**, McGill University, Quebec 2016  Thesis:“Air and Space Law in the Context of Globalization and Fragmentation”  Courses: Public and private international air law; airline business and law; government regulation of air transportation; general principles of space law; law of space applications (audited); government regulation of space (audited); intellectual & industrial property  Activities: 2013 Manfred Lachs Space Moot Court Competition Regional Semi-Finalist; frequent editor of students’ theses  **Juris Doctor**, Loyola University College of Law, Louisiana 2008  Courses: Common and civil law studies with a Certificate in International Legal Studies  Activities: Officer, Loyola International Law Society; Pro bono tax advisor for low income clients  Teaching Assistant (August 2007 to May 2008)   * Assisted with courses on international trade law and European Union law * Led educational seminars visiting institutions of the EU (CJEU, Council, Commission and Parliament), as well as the Council of Europe and ECtHR   **Master of Arts in Liberal Arts**, St. John’s College, Maryland 2001  Great books program: Classics in literature, philosophy, theology, math, sciences, political philosophy,  Latin and Ancient Greek: Translated *Meno* by Plato from Ancient Greek to English  **Bachelor of Sciences**, Mount Saint Mary’s University, Maryland 1999  Liberal arts curriculum with a major in biology  Courses: Anatomy, genetics, toxicology, pharmacology, physiology, physics, chemistry, organic chemistry, as well as history, philosophy, theology and literature courses  Activities: Acting, *inter alia*, as Claudio in Shakespeare’s *Much Ado About Nothing* and as lead in Christopher Marlow’s *Doctor Faustus*; Vice President and Co-captain of the Rugby Football Club |
| **Professional Experiences** |
| **Aviation Advocacy**, Nyon, Switzerland  Associate, February 2015 to present  Aviation Advocacy is a consulting firm focused on aviation industry analysis, teaching and advising on policy and regulatory compliance for cutting-edge technologies. Responsibilities include:   * Regularly contributing to and editing Aviation Advocacy publications, including the monthly subscription newsletter, the *Aviation Intelligence Reporter* and the Aviation Advocacy Blog * Advising aerospace and defence contractors with international and domestic regulatory compliance, often by working closely with engineers to roll out evolving technologies within shifting regulatory landscapes and liaising with government agencies for regulatory approvals * Monitoring technological, policy and legal developments in the aviation, drone and ATM sectors, including for the use of space applications for aviation safety, connectivity and navigation, and for integration of airspace for drone deployment and space launches * Developing and delivering training courses to airlines and regulators on aviation law, competition law and aviation contract law. Development of courses includes drafting course texts and creating PowerPoint presentations and testing materials for master degree level programs |
| **American Society of International Law**, Washington DC, United States  Co-chair, Space Law Interest Group, April 2015 to May 2017  The American Society of International Law (ASIL) is a non-profit, nonpartisan, educational membership organization chartered by an Act of the US Congress to foster the study of international law and to promote the establishment and maintenance of international relations on the basis of law and justice. Achievements included:   * Presenting at the UNOOSA/UAE High Level Forum on ‘Space as a driver of socio-economic development’ held in Dubai in 2016 * Launching a social media platform and doubling the membership of the Space Law IG * Raising the profile of space law at ASIL Annual Meetings by co-sponsoring a panel on space mining in 2016 and organizing a panel entitled ‘Making Space for Private Space Actors’ in 2017 * Attending meetings of the Fourth Committee of the UN General Assembly on the negotiation of its annual resolution on ‘International cooperation in the peaceful uses of outer space’ * Organizing educational events, including ‘A Conversation with Niklas Hedman, Chief of the Committee, Policy and Legal Affairs section of the UN Officer for Outer Space Affairs’ and ‘A Celebration of the 50th Anniversary of the Signing of the Outer Space Treaty’ featuring representatives from the US State Department and professors from Georgetown University |
| **National Academies of Sciences, Engineering and Medicine**, Washington DC, United States  Program Officer and Mirzayan Science and Technology Policy Graduate Fellow, January to August 2016  The Committee on Science, Technology and Law (CSTL) is part of the National Academies’ Policy and Global Affairs Division, which seeks to improve public policy in matters of science and technology. Responsibilities included:   * Updating a 2015 proposal for a space policy study on the need for modernization of international and US laws and regulations affecting the commercial space industry * Developing proposals for studies on other advancing science and technologies and their effects on laws and policies * Liaising with staff of US Congressional committees, US Federal agencies, not-for-profit foundations and universities for the purposes of resource mobilization, donor relations and outreach on studies * Negotiating copyright permissions with publishing houses for use of excerpts from journal articles and studies in National Academies’ publications |
| **UN Office for Outer Space Affairs**, Vienna, Austria  Legal Intern, Committee, Policy and Legal Affairs Section, April to October 2015  The Committee, Policy and Legal Affairs Section of the Office for Outer Space Affairs serves as the secretariat to the UN Committee on the Peaceful Uses of Outer Space. Responsibilities included:   * Assisting with secretariat duties for the 2015 meetings of COPUOS, its Legal Subcommittee and a Working Group on the Long-Term Sustainability of Outer Space Activities * Assisting in drafting foundational documents for UNISPACE+50, including the Terms of Reference for the UNISPACE+50 Steering Committee * Attending the EU's negotiations over an international code of conduct for outer space activities and drafting a mission report for the meeting * Participating in the ICAO Space Learning Group and liaising with members of the ICAO secretariat for development of the program agenda for the ICAO/UNOOSA Aerospace Symposium 2016 |
| **McGill University Centre on Research in Air and Space Law**, Montreal, Canada  Research Assistant, November 2014 to April 2015  The McGill Centre for Research in Air and Space Law is the principal research and educational outreach arm of McGill’s Institute of Air and Space Law; it publishes studies, proceedings of symposia, reports, books and the Annals of Air and Space Law. Responsibilities included:   * Serving as a member of the Programme Committee for the 3rd Annual Manfred Lachs Conference on Global Aerospace Governance, held in April 2015 * Providing research for the developments of conference materials on issues affecting start-up aerospace companies, including a report detailing new technologies and business initiatives * Presenting findings at the conference |
| **Aerospace Industries Association**, Washington DC, United States  Policy Intern, Civil Aviation and Space Systems Sectors, June to October 2014  Aerospace Industries Association (AIA) is a trade association for US aerospace and defence corporations. Its International Coordinating Council (ICC) serves to align programmes and messaging with its sister organisations in Europe, Japan, Russia, Canada and Brazil. Responsibilities included:   * Monitoring policy and regulatory affairs at domestic and international levels * Liaising with government officials, including members of Congress and their staff, as well as with officials in Departments (Defense, Transportation and State), White House offices (Office of Science and Technology Policy; Office of Management and Budget) and agencies (FAA;NOAA; FCC) * Assisting with the organisation of a Space Launch Roundtable involving high-level representatives from the US commercial launch industry and US government * Advising ICCAIA on UN activities and international legal issues; advising AIA on export control compliance issues; Preparing white papers * Serving as legal advisor to ICCAIA for participation in the ICAO Space Learning Group |
| **UN Counter-Terrorism Executive Directorate**, New York, United States  Legal Intern, September 2013 to February 2014  The Counter-Terrorism Executive Directorate (CTED) serves as the executive arm of the UN Security Council Counter Terrorism Committee. Responsibilities included:   * Analysing international, regional and domestic agreements relating to counter-terrorism * Attending Committee meetings and drafting reports on activities of CTED and the implementation of counter-terrorism procedures and mechanisms * Drafting memoranda on public international law |
| **Los Angeles City Attorneys Office—Division of Airports**, Los Angeles, United States  Law Clerk, Los Angeles World Airports (LAX, VNY, ONT), October 2010 to April 2012  The Division of Airports of the LA City Attorneys Office serves as in-house counsel to airports owned and operated by the City of Los Angeles, including LAX airport. Responsibilities included:   * Conducting litigation, including drafting complaints, responses and motions, and coordinating responses to requests for production of evidence * Reviewing requests for proposals, proposals, contracts and leases * Liaising with government officials, external counsel and industry stakeholders on airport interests |
| **Licenses and Affiliations** |
| Attorney-at-law in California (2010) and New York (2011)  Member in the American Society of International Law, International Institute of Space Law and the Royal Aeronautical Society |
| **Publications** |
| “Outer space at 62 miles up: some thoughts on California’s proposed tax law” Space Safety Magazine (Spring 2018) International Association for the Advancement of Space Safety (Forthcoming)  “Sustainability, Security and Article VI of the Outer Space Treaty” in R.P. Rajagopalan and N. Prasad, Eds., *Space India 2.0: Commerce, Policy, Security and Governance Perspectives* (New Delhi: Observer Research Foundation, 2017) <https://www.orfonline.org/wp-content/uploads/2017/02/Space2.0_Final_24Feb.pdf>  “Private Commercial Space Enterprises and Global Space Governance” (contributing author) in Ram Jakhu and Joseph Pelton, Eds., *Global Space Governance: An International Study* (Springer, 2017) <https://www.springer.com/de/book/9783319543635>  "Space Traffic Management: Stratospheric Thinking" Managing the Skies (September/October 2016 edition) FAA Managers Association, <https://www.managingtheskies.com>  "Air and Space Law in the Context of Globalization and Fragmentation" McGill University Library (2016) <http://digitool.library.mcgill.ca/R/-?func=dbin-jump-full&object_id=139896&silo_library=GEN01>  “The Effects of Fragmentation of International Law on Aerospace Regulation” (2016) 58 Proc. Int’l Institute Space L 53  *Space Security Index*, Project Ploughshares (2015) <http://spacesecurityindex.org/wp-content/uploads/2015/06/executive.summary.2015-electronic.pdf> (Lead drafter for indicators examining space-based global utilities, priorities/funding levels of national space agencies and international cooperation in space activities)  "The ASTEROIDS Act and Hearing: Some observations on international obligations," The Space Review (22 Sept 2014) <http://www.thespacereview.com/article/2604/1>  "International and U.S. National Laws Affecting Commercial Space Tourism: How ITAR tips the balance struck between international law and the CSLAA," (2007) 33 J Space Law 245 |