



70 YEARS OF EXCELLENCE IN AIR AND SPACE LAW

CERTIFICATE PROGRAMME
GRADUATE LAW DEGREES AND
POST-DOCTORAL RESEARCH

<https://www.mcgill.ca/iasl/>



McGill University
Institute of Air and Space Law

Institut de droit aérien et spatial
Université McGill

Over 70 years of excellence in air and space law



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WELCOME

...TO THE INSTITUTE OF AIR AND SPACE LAW



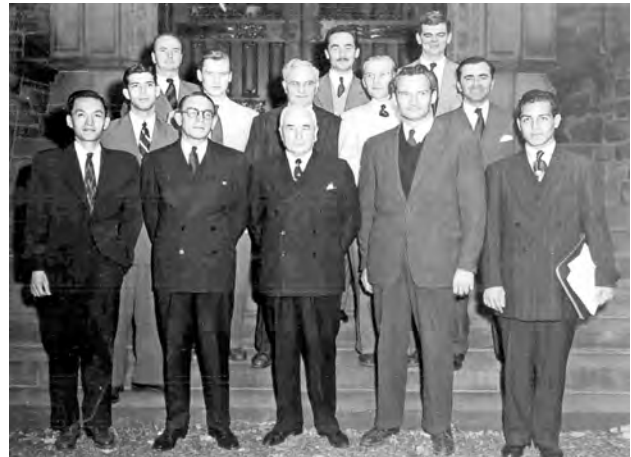
The Institute of Air and Space Law (IASL) at McGill University is the world's premier graduate educational and research institution in the fields of air law and space law. Established in 1951, the IASL is consistently recognised as the hub for world-class quality graduate education and research in legal and policy issues related to aerospace activities. In the decades since its founding, the IASL's rich offering of courses and outstanding staff and expertise have paved the way for over a 1200 graduates to fill some of the most eminent positions in the aviation and space industries, in the legal profession, at academic and governmental institutions as well as international organisations around the world.

In 2021, the IASL marked its seventieth anniversary by celebrating a long and rich history dedicated to excellence in graduate legal education, public service, and scholarship. As the domains of aviation and outer space activities continue to grow and expand, the IASL looks forward to building on the efforts of its staff and alumni over the years to excel long into the future.

3690 Peel, the home of the Institute of Air and Space Law

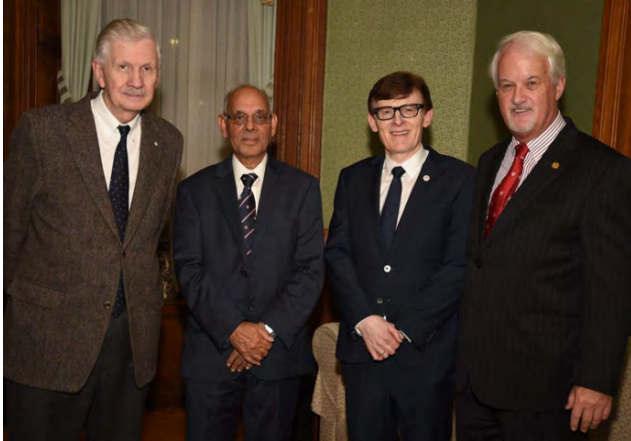


The IASL faculty and students in 1951.



WHO WE ARE

A HISTORY OF THE INSTITUTE OF AIR AND SPACE LAW



Four generations of IASL Directors at the IASL Holiday Reception in 2018 (from left to right), Professor Emeritus Armand de Mestral, Professor Ram S. Jakhu, current Director Professor Brian F. Havel, and Professor Emeritus Paul S. Dempsey.

Following the end of the Second World War, the City of Montreal, located in Quebec, Canada, became the headquarters of the International Civil Aviation Organization (ICAO) and the International Air Transport Association (IATA). The early post-war period witnessed momentous progress in the growth and international regulation of civil aviation, resulting in air law becoming a dynamic and fast-developing field both in practice and as an academic discipline. Subsequently, in 1951, as Montreal continued to entrench itself as the “capital” of international civil aviation and aviation law-making activities, McGill University founded the Institute of International Air Law, which in 1957, with the expansion of its mandate to encompass the then nascent field of space law, became the Institute of Air and Space Law (IASL).

The visionary behind the idea of establishing a dedicated institute to provide graduate legal education in the highly specialised field of air law was John Cobb Cooper, a prominent American jurist, scholar, presidential advisor to US President Franklin D. Roosevelt, and participant at the 1944 Chicago Conference on International Civil Aviation, which breathed life into ICAO and the Chicago Convention. During his time as Vice-President of Pan American World Airways, and subsequently as Legal Advisor to IATA in the late 1940s, John Cooper shared his vision about the IASL with Dr. Edward Warner, then President of the ICAO Council, Dr. Eugène Pépin, then Legal Advisor to ICAO, and his successor, Dr. P. K. Roy, then Principal of McGill University and the Dean of its Faculty of Law. Upon receiving support and enthusiasm for his initiative from William Hildred, then head of IATA, and with financial support from the Ford Foundation, the Institute was established and commenced its academic activities in September 1951.

At its inception, the IASL was a relatively small operation. As the years progressed, the IASL grew steadily and attained global recognition with the generous support of donors and under the guidance and foresight of its directors, all of whom are known internationally for their extraordinary intellect and great contributions to the domain of aerospace law and regulation.



I am delighted to send good wishes as the Institute of Air and Space Law marks its seventieth anniversary. I am proud of the achievements of the Institute, including the impressive careers of our alumni in government and industry around the globe, as well as here in Montreal. The Institute's robust alumni network is a testimony to the impact of our master's and doctoral programs in air and space law. Research and teaching in air and space law exemplify the Faculty of Law's commitment to integrating multiple legal traditions, studying law as a social phenomenon not limited to one territory.

Robert Leckey, Ad. E.
Dean & Samuel Gale Professor
McGill Faculty of Law

Dr. Eugène Pépin, who was involved in the original 1919 Paris Conference on Air Navigation and later head of the ICAO Legal Bureau, was Director of the Institute from 1955 to 1959. Dr. A. B. Rosevear, former General Counsel at Trans-Canada Airlines, the predecessor of Air Canada, served as Director from 1959 to 1962. During the first 25 years of its existence, the Ford and Rockefeller Foundations provided funding for the Institute's operations. In 1962, Director Professor Maxwell Cohen was also able to secure substantial funding from the Ford Foundation to strengthen the Institute's teaching and research capacities.

Renowned international jurists, Sir Francis Vallat (Director from 1965 to 1966) and his successor Professor Edward McWhinney (Director from 1966 to 1971) utilised funding to support the further development and growth of the Institute. Over this period, the scope of the curriculum was widened and the Institute pursued a number of scholarly endeavours, such as conferences and the publication of a *Yearbook of Air and*

Space Law. Dr. Nicolas M. Matte was appointed first as Research Director of the Institute (1975-1977) and then as Director. The *Annals of Air and Space Law* was founded in 1976, and in 1977, Dr. Matte successfully obtained a generous grant from the *Fonds Formation de chercheurs et action concertée* (FCAC) from the Government of Quebec to establish the Centre for Research in Air and Space Law (CRASL), the separate research and outreach arm of the Institute.

Dr. Michael Milde, former Director of the ICAO Legal Bureau, assumed the role of Director of the IASL from 1989 to 1998. By this time, the IASL was no longer a small operation as over thirty students from all over the world were admitted to the Institute each year. During his tenure, and on the occasion of its 45th Anniversary in 1996, the IASL received the prestigious Edward Warner Award, the highest distinction in the field of civil aviation awarded by ICAO. The IASL Alumni Association was also formally incorporated during Dr. Milde's tenure, which today has several sister organisations spanning various regions of the world with the aim of bringing together graduates and friends of the Institute. In 1998, Professor Armand de Mestral,

then professor of law at the Faculty of Law and Director of the McGill University Institute of Comparative Law, was appointed Acting Director of the IASL from 1998 to 2002.

At the turn of the millennium, with the emergence of new technologies, such as hybrid sub-orbital vehicles and unmanned aerial vehicles, legal professionals in the aerospace industry developed a recognised need for the requisite skillset and knowledge to be able to navigate the intricate international and national regulatory framework in a highly evolving technical domain. In response, the IASL reinvented itself in offering a practice-oriented education with a mix of substantive and theoretical courses. Professor Paul S. Dempsey, a former Vice Chairman of Frontier Airlines, was Director of the Institute from 2002 to 2016 and holder of the prestigious Tomlinson Chair of Global Governance in Air and Space Law.

Under his tenure, Professor Dempsey introduced creative, “out-of-the-box” methods to instil interest and knowledge in the domains of air law and space law around the globe. Alongside the traditional in-residence masters and doctorate programmes, lawyers and other professionals who wish to gain in-depth knowledge and recognised expertise in air law and/or space law are able to benefit from the many international conferences, workshops, and outreach events as well as certificate programmes the Institute now offers.

During the directorship of Professor Dempsey, the Institute received generous funding from the Boeing Corporation as well as the Erin J. C. Arsenault Foundation, which was used to facilitate outreach events as well as establish several scholarships to help students come to Montreal to deepen their expertise and understanding in the domains of air law and space law.

Building on the solid foundation laid by his predecessors, Professor Ram S. Jakhu (2016-2017) attracted large sums of financial resources and expanded institutional partnerships, while the Centre’s invaluable publications spanning over seven decades were made more widely available and accessible through digital media.

Most significantly, Professor Jakhu spearheaded the innovative project to draft the McGill Manual on International Law Applicable to Military Uses of Outer Space (McGill Manual), which to date has already attracted the attention and involvement of renowned experts and stakeholder institutions across the globe.

In 2017, Professor Brian F. Havel became the IASL's 13th Director, and began implementing a number of student-centred initiatives, including the Qatar Airways/McGill Air Law Speed Moot Court Competition, the IASL Colloquium Series in Air and Space Law, and several internship programmes with leading airlines and institutions. These opportunities will allow future generations of practitioners and academics to not just benefit from the world-class education experience at McGill, but also be more actively engaged with complex real-world issues in international air and space law and policy.

The relevance and continual recognition of the Institute as the premier educational and research institution in the fields of air law and space law is the result of the efforts of the IASL’s persistent commitment to teaching and outreach that meet the challenges and opportunities of our time. During the seventy years after its establishment, the IASL has produced graduates found in prominent positions in the aerospace industry, the academia and at governmental and intergovernmental institutions in more than 120 countries worldwide. Indeed, the presence of IASL alumni across the globe is a reflection of the Institute’s vision and commitment to the study and promotion of the rule of law and global governance to address global developments and trends in aerospace activities.

We welcome you to become part of the rich history of the McGill Institute of Air and Space Law, and to join our prominent staff and diverse student body in exploring a niche field of law that will open new horizons and opportunities, and help in establishing a promising career and life in years to come.

3

MISSION STATEMENT

We strive consistently to:

educate

the next generation of air and space lawyers to serve the needs of the air and space community worldwide.

offer

our students the best graduate education in air law and space law available anywhere in the world.

publish

interdisciplinary research valuable to governmental and multinational institutions, the airline and aerospace industries, and the legal profession.

serve

the professional educational needs of the aviation and space law bar.

create

a thriving intellectual environment and professional global network for our faculty, our students, our graduates, and experts in the field.

EDUCATIONAL PROGRAMMES

OF THE INSTITUTE OF AIR AND SPACE LAW

To maintain the quality of education and ensure the selection of top students and professionals who are genuinely interested and can maximise their potentials in the domains of air law and space law, the criteria for admission to the programmes offered by the IASL can be demanding. However, this in turn translates into small classes conducted in a seminar-like environment that stimulate discussions and a unique level of collegiality in learning and mutual support among classroom peers. The low faculty-student ratio allows the IASL faculty to dedicate more time to students to address potential academic issues, provide research supervision and guidance, and provide assistance should students encounter personal difficulties during their time at McGill. The IASL offers graduate-level academic programmes leading to the award of the following degrees and certificates:

GRADUATE CERTIFICATE AND GRADUATE LAW DEGREES

The Graduate Certificate in Air and Space Law is a coursework programme with a limited research and writing requirement. It is particularly catered to established professionals or students with a strong professional orientation and is geared towards giving those who wish to acquire an understanding of the fundamentals of air law and space law to boost their professional career path. The Graduate Certificate is awarded after at least one term of residence at the Faculty of Law and upon completion of a minimum of 15 academic credits.



Graduates from Class of 1966 celebrating their 50th year anniversary reunion at the Institute on 21 September 2016

Former Director Professor Paul Dempsey congratulating the successful defence of a DCL thesis by Md Tanveer Ahmad (graduating class of summer 2016), the first Bangladeshi national to obtain a Doctor of Civil Law degree.





The LL.M. class of 2008-09 during their graduation dinner. Students of the IASL hail from different countries and backgrounds, which cultivates a spirit of inter-cultural exchange, engaging discussions and life-long friendships.

MASTER OF LAWS (LL.M.) (THESIS OR NON-THESIS OPTION)

The IASL offers a Master of Laws (LL.M.) degree programme in Air and Space Law in two configurations: with Thesis and Non-Thesis. In either case, candidates must remain in residence for three semesters, and all degree requirements must be completed within a maximum period of three years from the date of initial registration.

The Thesis programme is suited to students who wish to focus on original scholarly research and writing under the supervision of a law professor. The Thesis option of the LL.M. in Air and Space Law involves 20 course credits and 25 research credits. The thesis topic is determined in consultation with the supervisor. The thesis must show familiarity with previous work in the field and demonstrate the student's capacity for independent research and analysis, writing skills, and organisation of findings.

The Non-Thesis programme is suited to students who wish to gain a wide exposure to a range of taught courses within, and related to, the domain of air law and space law. The Non-Thesis option requires the completion of 29 course credits and a substantial Supervised Research Project (16 credits) to be completed during the third term of registration.

DOCTOR OF CIVIL LAW (DCL)

The Doctor of Civil Law is a research degree ideal for scholars intent on deepening and broadening their critical understanding of the law, as well as their original engagement with it. The degree is awarded, at the earliest, after the completion of three years of residence at the Faculty. The principal basis for evaluation is a doctoral thesis, which must constitute a significant and original contribution to legal scholarship, evidencing in concept and execution of the original work of the candidate in a form suitable for publication. The candidate is required to defend the thesis before a jury appointed by the Graduate Programme of the Faculty of Law

For more detailed and up-to-date information about the IASL's academic programmes, visit:

<https://www.mcgill.ca/iasl/about/programmes>

IASL students and faculty members at the Annual Holiday reception in 2019.



SCHOLARSHIPS AND FUNDING

For motivated and academically gifted students enrolled in programmes offered by the IASL, there are various sources of funding available to support students to pursue their ambition of studying air law and space law. These scholarships and prizes include:

Professor Masao Sekiguchi Fellowships in Air and Space Law

Established in 2008 by Mrs. Teruko Sekiguchi in honour of her husband, Professor Masao Sekiguchi (1934-2004), LL.M. 1982, a graduate of the IASL (LL.M., 1982). Successful applicants to the LL.M. programmes offered by the Institute are eligible to be selected as Sekiguchi Fellows. Fellowships are offered in the course of the admissions process administered by the Faculty of Law and the University.

Nicolas Mateesco Matte Prize

Established in 2013 by alumni, friends, family, and faculty, in honour of Dr. Nicolas Mateesco Matte, the Director of the Institute from 1975 to 1989. The Fellowship is for outstanding graduate students in the IASL, awarded by the Faculty of Law on the basis of academic merit.

Setsuko Ushioda-Aoki Prize

Established in 2001 by Professor Setsuko Ushioda-Aoki (D.C.L., 1993), and awarded by the Faculty of Law on the basis of academic merit to a graduate student in the LL.M. programme at the Institute.

George S. and Ann K. Robinson Space Law Prize

Established in 2014 by friends and family of Dr. George S. Robinson III, a visionary space law scholar who obtained the world's first doctoral degree in space law from McGill University in 1970. The prize is awarded to a graduating student at the Institute on the basis of his/her successful doctoral thesis exhibiting advanced research capabilities and constituting an original contribution to space jurisprudence.

Bala and Ram Jakhu Grant

Established in 2016 by Knowledge, Education and Training Canada (KEATCA) to celebrate the life, work, and achievements of Mrs. Brij Bala Jakhu and Dr. Ram S. Jakhu, the grant aims to provide grants for post-secondary education and training to those who are in need.

International Aviation Women's Association (IAWA) Scholarship

The IAWA scholarship is awarded annually to an IASL student who demonstrates a true passion for aviation, and is presented to the most promising women professionals in the field on the basis of merit.



Ms. Olaoluwa 'Nifemi Awe, from Nigeria, was the recipient of the 2020 IAWA Scholarship. She looks forward to giving back by empowering and inspiring other young female aerospace practitioners in Nigeria and Africa.



Ms. Isabella Vilhena (second from the right), from Brazil, was the recipient of the 2018 IAWA Scholarship, pictured here with other remarkable female professionals in aviation at the IAWA Annual Conference in Memphis, Tennessee.

6 | BEYOND THE LECTURE HALLS

At the IASL, other than learning in lecture halls, students are encouraged to pursue extracurricular activities that complement their learning experience at McGill and make the most of their time in Montreal.

Students enrolled at the IASL have a long tradition of taking part in moot court competitions, including the Manfred Lachs Space Law Moot Court Competition, organised by the International Institute of Space Law, and the International Air Law Moot Court Competition, jointly organised by the Leiden University International Institute of Air & Space Law and the Sarin Memorial Legal Aid Foundation, India. Students who can balance time for their studies and work are able to take part in many of the research and outreach activities led by the Institute's research arm, the Centre for Research in Air and Space Law. Research Assistants can engage with research work that allow them to keep up with the most up-to-date developments in subject matters of their courses. Various conferences, workshops, and social events organised by the Centre, or by the numerous aerospace-related institutions and organisations in and around Montreal provide students with additional opportunities for learning and occasions for networking that further boost their ambitions and careers. Field trips to ICAO, IATA, and the Canadian Space Agency allow students to see first-hand the institutions they read and hear about in class.

To foster career development, various corporations and institutions active in the field of aviation and/or space provide internship and training opportunities for IASL students to put their theoretical knowledge to practice and develop other competences that make IASL graduates stand out against the rest in the competitive global workforce.

The IASL team won the 2011 Sarin-Leiden International Air Law Moot Court Competition in Dubai, the United Arab Emirates.



IASL Director Professor Brian Havel welcoming the class of 2018/19.



In 2016, the Institute's team won the best memorial at the World Finals of the Manfred Lachs Space Law Moot Court Competition in Guadalajara, Mexico.



Several IASL students represented their respective countries at the Model ICAO Council Session in 2014.



The Centre for Research in Air and Space Law (CRASL) was established with the official approval of the Ministère de l'éducation du Québec on 1 September 1977 as the principal research and educational

outreach arm of McGill's Institute of Air and Space Law. While the IASL provides the core degree-granting educational programme, the Centre produces research, publishes books and other literature, and offers educational products globally through its numerous outreach activities. Since its establishment, the Centre has published a number of monographs and has organised workshops, seminars, and conferences both in Montreal and at other international venues.

Over the last few decades, a team of researchers, selected primarily from among IASL graduates and students, aided and supervised by McGill professors, has undertaken multidisciplinary research on technical, economic, policy, and legal implications of a variety of aviation and aerospace issues. Furthermore, apart from engaging in interdisciplinary research, publishing books and periodicals, for the past four decades, the Centre has produced the *Annals of Air and Space Law*, a highly-respected and valuable resource in the domain.

The Centre has been tasked to conduct vital research for ICAO, the United Nations specialised agency in charge of civil aviation. Recent projects have addressed even pressing issues, such as international aviation policy; the governance of commercialised air navigation services; and, international air carrier liability.

These research and outreach activities have been made possible by the significant grants as well as fundraising efforts by the IASL's extensive alumni network. To foster interdisciplinary research and international perspectives, the Centre has collaborated with Concordia University's John Molson School of Business, as well as cooperated with renowned foreign institutions like Istanbul Technical

Technical University, Beihang University, Beijing Institute of Technology, University of Petroleum and Energy Studies in India, and the Cologne Institute of Air and Space Law.

The Centre has carried out analyses, submitted reports with recommendations, and produced several publications on issues pertaining to the law of outer space. This extensive research activity can be divided into two phases:

The first phase was initiated by Dr. Nicolas M. Matte between 1975 and 1989, which attracted funds approximately \$1 million from the Canadian Department of External Affairs (now Global Affairs Canada), the Canadian Department of Communications (now Innovation, Science and Economic Development Canada) and the Social Sciences and Humanities Research Council of Canada (SSHRC). The research centred around the regulatory aspects of radio frequency management, arms control and military uses of outer space, and space activities, and emerging international law.

Four generations of IASL Directors pictured here in 2003 (from left to right): Professor Emeritus Ivan Vlasic, Professor Emeritus Nicholas Matte, Professor Emeritus Michael Milde, and Professor Emeritus Armand de Mestral.



The second phase was initiated and carried out by Prof Ram S. Jakhu between 2004 and 2021, by attracting funds approximately \$6 million from the Erin J. C. Arsenault Foundation, the Secure World Foundation, Global Affairs Canada, the Canadian Department of National Defence, SSHRCC, the Canadian Space Agency, the European Space Agency, the Asia Pacific Foundation of Canada, and the International Association for the Advancement of Space Safety (IAASS). The research centred around military uses of outer space, the Space Security Index, developments in NewSpace, aerospace transportation, global space governance, arbitration of space-related disputes, the UN 2030 Agenda for Sustainable Development, as well as issues related to space debris, space safety, space commercialisation, the national regulation of space activities, space tourism and suborbital flights, small satellites and their regulation, space mining and its regulation. In this very active phase, the IASL supported the space law research of 11 postdoctoral fellows, 11 doctoral, and 20 masters' students. About 40 research assistants worked on space law research topics. Financial support has been provided to the IASL students and faculty members for the preparation and delivery of about 70 papers, presentations, and lectures in Canada and abroad as well as for participation in the annual Manfred Lachs Space Law Moot Competition. Space law research resulted in over 266 publications in the form of books, book chapters, and journal articles. Approximately 60 international and interdisciplinary conferences and meetings on various aspects related to space law have been organised in the past seventeen years. Several consulting reports on space law issues have been submitted to governments and private entities in Canada and other countries.

The unique character of the IASL's space law research is recognised for being international and multidisciplinary in nature and scope. In underlining the need to approach and address challenging issues in space law through legal, technical, political, and economic perspectives, it is not surprising that, at the time of setting up their own space law programme in 2006, University of Nebraska President J. B. Milliken acknowledged that "McGill University, in Canada, is regarded as the world's leading space law university".



IASL graduates, the future generation of air and space law professionals, celebrating the 65th anniversary of the Institute in 2016.

IASL class of 2017-2018 celebrating the end of their academic year at the Annual Graduation Dinner.



OUTREACH ACTIVITIES

CONFERENCES AND WORKSHOPS

In recent years, the Centre for Research in Air and Space Law has sponsored various multidisciplinary educational workshops, seminars, and conferences on a range of subjects in Montreal and abroad. Foreign venues have included Australia, Belgium, Colombia, China, France, India, Macau, the Netherlands, Singapore, the United Arab Emirates, the United Kingdom, and the United States. Such interdisciplinary events focus on a variety of issues related to the global governance of aviation and space activities. They are well-recognised by subject matter experts and practitioners as providing valuable fora to foster intellectual discussions and facilitate international and interdisciplinary dialogue.

These outreach events attract the participation of officials from national governments and intergovernmental bodies, law firms, airlines, space operators and insurance providers, not to mention academics, students, and budding scholars.

Among the recurring events organised by the Centre and the Institute are:

- The Annual Strategic Space Law Course: <https://www.mcgill.ca/iasl/strategicspace>
- The McGill Conference on International Aviation Liability and Insurance <https://www.mcgill.ca/iasl/iali>
- The conferences organised with the American Bar Association Air & Space Law
- The conferences organised with Pan European Organisation of Personal Injury Lawyers (PEOPIL)



Opening Session of the 4th Manfred Lachs Conference, 2016, which launched the MILAMOS Project. Special invited speakers included IASL Director Paul Dempsey (McGill University), Dean Daniel Jutras (McGill Faculty of Law), David Kendal (UNCOPUOS), Niklas Hedman (UNOOSA), and McGill Vice-Principal for Research and Innovations Rosie Goldstein.

SPOTLIGHT ON THE CENTRE'S GROUND-BREAKING RESEARCH I:

McGill Manual on International Law Applicable to Military Uses of Outer Space

<https://www.mcgill.ca/milamos/>

Launched in May 2016, the project to draft the McGill Manual on International Law Applicable to Military Uses of Outer Space (MILAMOS or McGill Manual) is expected to have a lasting impact on the security and sustainability of outer space. The project, scheduled for completion in 2022, involves the participation of close to 50 experts from around the world who are recognised authorities in the domains of international space law, the law on the use of force and strategic uses of space technology and applications. Together, they have the vision to draft the world's first manual that objectively articulates and clarifies existing international law applicable to military uses of outer space in time of peace, including challenges to peace.



McGill Institute of Air and Space Law graduates and current students and young professionals at the 12th McGill Conference on International Aviation Liability and Insurance.

The Project and the resultant McGill Manual has already attracted worldwide interest and attention, and is supported by major stakeholders, such as the Government of Canada, the Cologne Institute of Air and Space Law, Beijing Institute of Technology, Secure World Foundation, and Keio Space Law Center of Keio University.

SPOTLIGHT ON THE CENTRE'S GROUND-BREAKING RESEARCH II: McGill Encyclopedia of International Space Law

<https://www.mcgill.ca/iasl/spacelawpedia>

Launched in November 2020, the McGill Encyclopedia of International Space Law aims to fulfill the need for an objectively curated online resource on key subject-matters of international space law. In order to ensure the safety, security and sustainability of outer space, now more than ever before, it is vital that policy-makers, government officials, industry professionals, academics, and members of the public have ready access to clear and objective knowledge of the legal principles and norms governing activities in the shared global commons of outer space. With the input of a team of global practitioners and academics in the field of international space law and general international law, the Encyclopedia will be the definitive source of peer-reviewed reference material for anyone practising, conducting research on or teaching international space law.



Participants at the 2019 Qatar Airways/McGill Air Law Speed Moot Court Competition.

In recognition of unique and first-of-its kind research endeavour, the McGill Encyclopedia project was received a large injection of funding from the Social Sciences and Humanities Research Council (SSHRC), the Government of Canada's funding agency that supports cutting-edge research and promotes the dissemination of transformational knowledge. In the words of former Judge Abdul Koroma of the International Court of Justice, "McGill is well placed both with technical and academic resources" to undertake the direction, creation and curation of the McGill Encyclopedia. In addition to the involvement and endorsement of dozens of recognised academics and industry professionals are playing an active role in transforming the vision of the world's first dedicated and objective reference material on international space law into reality.



Experts and contributors at the MILAMOS Workshop IV, convened in Montreal, Canada.

CAREERS AFTER THE IASL

WHERE GRADUATES OF THE IASL HAVE BEEN WORKING

AIRLINES:

- Air Austral
- Air Canada
- Air France
- Air India
- Air New Zealand
- Air Transat
- Alliance Air
- Avianca
- China Airlines
- Eritrean Airlines
- Etihad Airlines
- Fly Dubai
- Frontier Airlines
- Garuda Indonesian
- Gorkha Airlines
- Gulf Air
- Japan Airlines
- Jet Airways
- Kenya Airlines
- Korean Air
- KLM Royal Dutch Airways
- Kuwait Airways
- Libyan Arab Airlines
- Loftleidir Icelandic Airlines
- Lufthansa
- Pakistan International Airlines
- Qatar Airways
- Royal Jordanian

- Saudia
- Singapore Airlines
- Star Alliance
- Swiss International Airlines
- Thai International Airways
- United Parcel Service
- US Postal Service

GOVERNMENTAL INSTITUTIONS:

- Argentina Ministry of Defence
- Aruba Department of Foreign Affairs
- Cameroon Department of Civil Aviation
- Canadian Air Transport Security Authority
- Canadian Department of Justice
- Canadian Department of National Defence
- Canadian Department of Transport
- Canadian Space Agency
- Canadian Transportation Agency
- Colombia Department of Civil Aviation
- Costa Rica Department of Civil Aviation
- Denmark Ministry of Transport
- European Commission
- Fiji Ministry of Transport
- France Ministry of Aviation Security
- Gambia Civil Aviation Authority

- Germany Ministry of Labour
- Ivory Coast Civil Aviation Agency
- Iceland Civil Aviation Authority
- Indian Ministry of External Affairs
- Indonesia Air Force
- Indonesia Olympic Committee
- Italy Ministry of Transport
- Kenya Civil Aviation Authority
- Korean Civil Aviation Authority
- Lesotho Ministry of Transport
- Libyan Foreign Affairs Ministry
- Macau Airport Administration
- Mali Department of Civil Aviation
- Mexico Civil Aviation Ministry
- Netherlands Ministry of Economic Affairs
- Netherlands Social Security Bank
- Nigeria Civil Aviation Authority
- Poland Ministry of Transport
- Rome Airport Authority
- Saudi Arabian Air Transport
- Senegal Civil Aviation Ministry
- South Africa Air Force
- Sudan Justice Ministry
- Swiss Federal Office of Civil Aviation
- Swiss Ministry of Foreign Affairs
- Tanzania Department of Civil Aviation
- Thailand Ministry of Transport, and Department of Civil Aviation

- Trinidad & Tobago Industrial Court
- UAE General Civil Aviation Authority
- UK Foreign and Commonwealth Office
- US Federal Aviation Administration
- US Air Force
- US Department of Defense
- US Department of Justice
- US Postal Service
- Yemen Civil Aviation Authority

AVIATION AND SPACE INSTITUTIONS:

- AirClaims, Ltd.
- Airports Council International (ACI)
- Allianz Marine & Aviation (France)
- Agency for Aerial Navigation Safety in Africa and Madagascar (ASECNA)
- British Telecom
- Centre for Aviation (CAPA)
- Corporacion Centroamericana de Servicios de Navegación Aérea (COCESNA)
- Euroconsult
- European Organisation for the Safety of Air Navigation (EUROCONTROL)
- European Air Law Association
- European Space Agency
- Excalibur Almaz
- Execujet Aviation Group
- Gjensidige Insurance
- Inter-American Development Bank
- International Air Transport Association (IATA)
- International Civil Aviation Organization (ICAO)

- Joint Aviation Authorities Training Organisation (JAA TO)
- North Atlantic Treaty Organization (NATO)
- Sabre Group
- Satellite Industry Association
- Swiss Reinsurance Company
- United Nations Secretariat
- Union des Aéroports Français
- VINCI Airports
- World Bank

MANUFACTURERS:

- Airbus
- Aerospatiale Eurocopter
- Bombardier Aerospace
- Safran Aircraft Engines

UNIVERSITIES:

- Allameh Tabatabaee University (Iran)
- Dalhousie University (Canada)
- Embry-Riddle Aeronautical University (USA)
- Fukuoka University (Japan)
- Georgetown University (USA)
- Ghent University (Belgium)
- International Space University (France)
- Keio University (Japan)
- Kinki University (Japan)
- Komazawa University (Japan)
- Korea Air Force Academy (Korea)
- Lahore University (Pakistan)
- Leiden University (Netherlands)
- McGill University (Canada)
- Moi University (Kenya)

- National Tsing Hua University (China)
- North South University (Bangladesh)
- Pennsylvania State University (USA)
- Sapporo University (Japan)
- Swansea University (UK)
- Thammasat University (Thailand)
- Université de Littoral (France)
- Université de Montreal (Canada)
- Université Libre de Tunis (Tunisia)
- University of Canberra (Australia)
- University of Cologne (Germany)
- University of Lapland (Finland)
- University of Leuven (Belgium)
- University of Mississippi (USA)
- University of Naples (Italy)
- University of Nebraska-Lincoln (USA)
- University of Quebec at Montreal (Canada)
- University of Sassari (Italy)
- University of South Dakota (USA)
- National Taiwan University (Taiwan)
- Valparaiso University (USA)
- Yarmouk University (Jordan)

Students of the 2016 class visiting Air Canada, where several of IASL alumni work.



PUBLICATIONS

WRITINGS OF THE INSTITUTE

ANNALS OF AIR AND SPACE LAW

Founded in 1976, the *Annals of Air and Space Law* has developed and continues to maintain an international reputation among academics and practitioners as one of the most highly respected legal publications devoted to free exchange of ideas and scholarship pertaining to the law applicable to aerospace activities. Published annually, the Annals is a standard source of reference and the world's only bilingual (English and French) periodical in the field. The distinguished members of its Editorial Board ensure the publication of high-quality articles and commentaries.



MONOGRAPH SERIES

The Monograph Series produced by the Centre is a collection of peer-reviewed publications on special topics of interest in air law and space law. The books contain original and quality research works by subject matter experts and academics that have been presented at conferences and symposiums organised by the Centre.



COMMENTARIES ON AIR AND SPACE LAW ISSUES

The Commentaries on Air and Space Law Issues are short commentaries posted on the IASL's website on most recent events and developments in the fields air law and space law.

<https://www.mcgill.ca/iasl/commentaries>

MAJOR RESEARCH STUDIES AND BOOKS

Faculty members and senior researchers at the Institute of Air and Space Law and the Centre for Research in Air and Space Law regularly undertake several major research studies which are published by reputed publishers. A select few of such publications include:



LIFE AFTER MCGILL

THE ALUMNI NETWORK

The Institute of Air and Space Law Association (IASLA) was founded nearly half a century ago by Sheila Macbrayne, a graduate of the IASL's third class in 1954. Ms. Macbrayne had the vision of celebrating the Institute's unique character through an alumni organisation that would serve as a vehicle for bringing together the global "McGill Family". Today, over a thousand graduates proudly wear the McGill logo and unique IASL pin students receive upon graduation.

There are several alumni associations on different continents, including the IASL Asia-Pacific Alumni Association (established in 2003), the European Alumni Association (established in 1988), the Latin American Alumni Association (established in 2002), and

the North American Alumni Association (established in 2004).

Throughout the decades, the Association and its sister institutions around the world have organised meetings and social events with the aim of connecting old and new friends whose lives and careers have all been positively influenced by their time at McGill. The bonds of friendship made at the Institute often last a lifetime, as enthusiasm and interest in such niche areas of the law brings together like-minded people from all backgrounds and all walks of life. The alumni associations also function as a valuable network for students, recent graduates, and young professionals seeking guidance and contacts across a variety of industries and in a wide-range of career paths.



Reunion of former colleagues. Dr. Jean-Louis Magdelant and Dr. Nicolas M. Matte at the celebration of Dr. Matte's 100th Birthday in 2016.

Graduates from the IASL class of 1968/1969. From left to right, Mr. John Keenan (barrister in Montreal, Canada); Ms. Manuela Sawicky (New York, USA); Mr. Gerrit de Boer (former Vice-President of the Court of Appeals, the Netherlands); Ms. Jean Ritchie QC (London, England); and Mr. Jamie Gilmour, retired Sheriff (Edinburgh, Scotland).



OUR FACULTY AND STAFF

THE DIRECTORS OF THE IASL HAVE BEEN
SCHOLARS WITH VISION AND DEDICATION



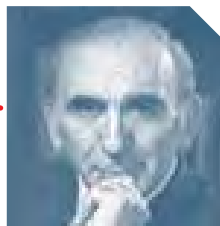
John C. Cooper
(1951 – 1955)



Eugene Pepin
(1955 – 1959)



Alfred B. Rosevear
(1959 – 1962)



Maxwell Cohen
(1962 – 1965)



Sir Francis Vallat
(1965-1966)



Edward McWhinney
(1966 – 1971)



Ivan A. Vlasic
(1971 – 1975)
Director Emeritus



Nicholas M. Matte
(1975-1989)
Director Emeritus



Michael Milde
(1989 – 1998)
Director Emeritus



Armand de Mestral
(1998 – 2002)
Interim Director



Paul S. Dempsey
(2002 – 2016)
Director Emeritus



Ram S. Jakhu
(2016 – 2017)
Acting Director
2020- present



Brian F. Havel
2017 - present
on leave 2020-present

Since 2012, David Kuan-Wei Chen has been quietly making incredible contributions to almost all activities of the McGill Institute of, and Centre for Research in, Air and Space Law. A excellent role model for multitasking, he has been Editor of the Annals, Sessional Lecturer teaching air law and space law courses, Managing Editor of the McGill Manual, Associate Editor of the McGill Encyclopedia of International Space Law, our representative at numerous high level international conferences, and (co-)author of several pioneering publications. Undoubtedly, numerous achievements of the Institute and Centre over the past decade would have not been as successful without his unwavering support.



David Kuan-Wei Chen

Maria D'Amico



SENIOR ADMINISTRATIVE COORDINATOR: Maria D'Amico

The Lifelong Dedicated Service Award was presented to Maria D'Amico to recognise her exceptional dedication to the IASL: *"In profound appreciation of 38 years of her dedicated service to the Institute of Air and Space Law, McGill University, Montreal, Canada; in grateful recognition of her exceptional enthusiasm to support the students, the alumni and the faculty of the Institute; and in acknowledgment of her endless efforts to create a cheerful and vibrant atmosphere at the Institute; presented on 7 October 2016."*

FACULTY MEMBERS AND STAFF

Brian Havel - Professor & Director

Ram S. Jakhu - Professor

Armand de Mestral - Professor

ADJUNCT PROFESSORS AND SESSIONAL LECTURERS

David Kuan-Wei Chen - Sessional Lecturer

Martine De Serres - Adjunct Professor

P. Paul Fitzgerald - Adjunct Professor

Donal P. Hanley - Adjunct Professor

Andrew Harakas - Adjunct Professor

Rod D. Margo - Adjunct Professor

Peter Nesgos - Adjunct Professor

Yaw Nyampong - Sessional Lecturer

George Petsikas - Sessional Lecturer

John Saba - Adjunct Professor

Francis Schubert - Adjunct Professor

Peter van Fenema - Adjunct Professor

Ludwig Weber - Adjunct Professor

TESTIMONIALS

SOME WORDS FROM OUR FORMER STUDENTS



"Along with ICAO, IATA and the other international aviation organizations which have been drawn to Montreal in recent years, the Institute has played a key and complementary role in the establishment of Montreal as the world capital of civil aviation".

*Dr. Olumuyiwa Benard Aliu
IASL alumnus and former President of
the ICAO Council*

"McGill University's Institute of Air and Space Law, through its accomplishments in teaching, research and publication has established itself as a center of excellence in the field of international law. Through its accomplishments, the Institute has made unparalleled contributions to the development of international air law and to the examination of contemporary aviation issues".

Excerpt from the citation of the Edward Warner Award in 1996

"[The] IASL's emergence as one of the world's premier institutions devoted to air and space law represents an immense legacy..."

*Alexandre de Juniac
Director General and CEO of IATA
August 2016*



"I found my time at the McGill IASL - where I earned both my LLM and DCL - to be invaluable. In addition to the generous Arsenault funding that enabled my studies, I was afforded numerous opportunities while working with my supervisor. The convenience of attending the conferences and events in Montreal hosted by both the IASL and ICAO was extremely beneficial for network building. The teaching preparation program offered by the Faculty of Law, which includes a Legal Education Seminar, Teaching Mentorship, and Teaching Fellowship, prepared me for my career as a faculty member. Thanks to McGill, I have developed the skills and the relationships needed to succeed in this field".

*Dr. Andrea J. Harrington, Dean of Space Education at Air
University*



"Following a career in space technology research focused on military applications, I wished to establish a private consultancy in space security. The IASL's Certificate of Air and Space Law was the ideal programme to complement my existing technical and policy knowledge. The programme was challenging but also very inspiring. The IASL academic faculty is world-renowned and, combined with eminent guest lecturers, deliver, in my opinion, as comprehensive a programme as you'll find anywhere. The Institute is a very friendly place and a setting where academic creativity can thrive. The Institute encourages, and assists, the publication of student papers in international journals and conference proceedings. The education I received has been vital in launching my space security consultancy. I highly recommend McGill's Institute of Air and Space Law for professionals wishing to gain a thorough understanding of air and space law."

Gilles Doucet, Spectrum Space Security Inc., Canada



"Being an LL.M. student at the Institute of Air and Space Law at McGill University was one of the most rewarding professional and personal experiences of my lifetime. Not only were the professors, instructors and guest lecturers top international experts, scholars and practitioners in their field, but also the course work, international conferences and research opportunities offered by the Institute were phenomenal. Equally rewarding was the myriad of exceptional international students I interacted with in and out of the

classroom and access to the Institute's extensive and global alumni network. The education I received at the Institute of Air and Space Law at McGill University provided me a solid academic foundation, has resulted in many life-long friendships and professional contacts, exposed me to new perspectives and cultures and allowed me to develop very unique expertise which has significantly advanced my career as a practicing attorney in active duty military service."

Sarah M. Mountin, Lt Col, USAF, Chief, Administrative Law, HQ Air Force Global Strike Command.



"The exceptional quality of the LL.M. programme at the Institute of Air and Space Law is unsurpassed, not only with respect to the comprehensive academic curricula, but also in connection with the plethora of professional opportunities that are available to the students. Personally, my experience at the Institute has been phenomenal – the academic community at McGill is engaging, encouraging, and inclusive. One of the unique assets of the Institute has been its international network of illustrious alumni base, who serve as a constant source of inspiration and guidance for the students. I am inordinately grateful to the Institute for financial aid opportunities, and particularly to the Arsenault Trust for its indispensable support through the Erin J.C. Arsenault Fellowship in Space Governance."

Joyeeta Chatterjee, at Reed Smith, LLP, in New York.

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ADMISSIONS APPLICATIONS

STUDY AND LIVE IN MONTREAL, A NORTH AMERICAN
METROPOLIS WITH A UNIQUE EUROPEAN FLAIR

"I came to the IASL at McGill University attracted by its reputation as a center of excellence in international aviation law. In addition to unique research and learning opportunities, I was received by a supportive community of professors, staff and colleagues that have contributed to build my career in international civil aviation."

Mr. Juan Carlos Salazar,

Secretary General of the International Civil Aviation Organization



McGill

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Information on graduate admissions and requirements can be found at:
<http://www.mcgill.ca/law-gradprograms/prospective-students/admissions>

