



INSTITUTE AND CENTRE OF
AIR & SPACE LAW

ANNUAL REPORT
2008-2009

Prepared by
Professor Dr. Paul Stephen Dempsey
Director

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

EXECUTIVE SUMMARY

McGill University's Institute of Air & Space Law is a global leader in education, public service, research, and scholarship in the dynamic fields of aviation and space law. Our educational programme is taught by some of the most and prominent experts in the world. Our library possesses the most comprehensive and unique collection of Air and Space Law documents, books, periodicals and theses available anywhere. During the past half century, more than 900 students have graduated from the Institute, and today they hold prominent positions in law firms, international organizations, manufacturers, airlines and other related industries in 120 countries around the world.

During 2008-09, McGill University's Institute and Centre of Air & Space Law produced the following accomplishments:

- Forty-five students were enrolled in the McGill University Institute of Air & Space Law three graduate programmes – the Certificate, the Master of Laws degree, and the Doctor of Civil Laws degree - including 19 newly enrolled students;
- In cooperation with Project Ploughshares, the IASL organized the *Space Security Index Workshop* held in May 2009 in Montreal with approximately 40 international participants;
- In cooperation with the American Bar Association Forum on Air & Space Law, the IASL organized a major *Conference on Air & Space Law: A Global Perspective* in Montreal, attracting more than 200 delegates from around the world;
- In cooperation with the University of Cologne, organized the *International Congress on Space Debris* at the Faculty of Law, attracting approximately 80 delegates from around the world.
- In cooperation with the UAE General Civil Aviation Authority, organized a Workshop and Conference on *Air Transport, Air & Space Law and Regulation* in Abu Dhabi.
- The Arsenault Family trust established the Erin J.C. Arsenault Fellowships in Space Governance at McGill University. This \$1 million grant supports student tuition and research, conferences, seminars and publications over a four-year period.
- Mrs. Teruko Sekiguchi established the Sekiguchi Fellowship in honor of her husband, Professor Masao Sekiguchi (1934-2004), LL.M'82. This Fellowship is available for eligible outstanding students in the Master's program at the Institute of Air and Space Law. This Fellowship flows from a \$300,000 endowment, and should fund Sekiguchi Fellows in perpetuity.

- This was the second year of a commitment made by the Boeing Company to a grant of \$500,000, one fifth of which is to be distributed to the McGill University Institute of Air & Space Law [IASL] each year of the five year term (2007-2012). The Boeing Company also granted \$80,000 to the Centre for Research on Air & Space Law for overseas outreach educational activities over this period, in part supporting the Abu Dhabi event described above.
- Published a 878-page book on *Public International Air Law*;
- Published the *Space Security Index*; and
- Published a 946-page Volume of the *Annals of Air & Space Law*.

I. DESCRIPTION OF UNIT

Recognizing the critical role that legal education would play in facilitating integration of legal standards globally, in 1951, McGill University established the Institute of Air & Space Law (IASL) to provide graduate legal education for students from around the world. In the ensuing half century, IASL has educated more than 900 students, who today occupy positions in some of the most senior positions in law firms, corporations, governmental and intergovernmental institutions, and universities, in more than 120 countries.

The IASL has become a global leader in education, public service, research, and scholarship in the dynamic fields of aviation and space law. Our faculty is comprised of some of the leading air and space lawyers, scholars, and educators from Europe, Asia, and North America. Our educational programme is taught by some of the most and prominent experts in the field of Air and Space Law. Our library possesses the most comprehensive and unique collection of Air and Space Law documents, books, periodicals and theses in the world.

The IASL's location at McGill University in Montreal offers the benefit of being in a law faculty committed to the trans-systemic study of law in a bilingual civil law province in a common law country. The world's principal intergovernmental aviation agency, the International Civil Aviation Organisation (ICAO) and International Air Transport Association (IATA), the Canadian Space Agency, a major airline and several aerospace manufacturers (including Bombardier, the third largest in the world) are headquartered in Montreal, facilitating the presence of experienced practitioners in the IASL classrooms. The IASL courses are taught by some of the world's most accomplished experts holding doctoral degrees in law and having extensive practical experience.

The Institute of Air & Space Law provides the core degree-granting educational program. The Centre for Research on Air & Space Law (CRASL) produces research, publishes books and periodicals, and produces workshops, seminars and conferences in Canada and abroad.

The objectives of the Institute of Air & Space Law are to:

- *Educate the next generation of air and space lawyers to serve the needs of the air and space community worldwide.* The IASL's educational emphasis is graduate in character and international in scope. Since promulgation of the Warsaw Convention of 1929, the Chicago Convention of 1944, and the Outer Space Treaty of 1967, a guiding principle of both private and public international Air and Space Law has been to create a standard universal and

ubiquitous legal regime. By sending the IASL graduates far and wide with a solid educational background, McGill has facilitated that important objective of worldwide law harmonization.

- ***Offer the IASL students the best graduate education in Air and Space Law available anywhere in the world.*** Though the IASL has been teaching Air and Space Law at McGill University for more than half a century, the Institute constantly strives to improve its educational programme. It has designed a curriculum relevant to the needs of its graduates, to provide a base of relevant practical and theoretical information and analytical and communications skills to enable its graduates to perform their professional duties proficiently.
- ***Publish interdisciplinary research valuable to governmental and multinational institutions, the airline and aerospace industries, and the legal profession.*** Since 1976, the IASL Centre for Research in Air & Space Law has published the *Annals of Air & Space Law* as well as books, reports, studies, and conference proceedings; the IASL faculty publishes widely in other legal periodicals as well. Our faculty also assists international organizations and governmental institutions in their efforts to advance Air and Space Law and policy.
- ***Serve the professional educational needs of the aviation and space law bar.*** The IASL's workshops, conferences and seminars are attended by legal practitioners, government officials, industry leaders and professors from around the world. Over the years, the Institute has been visited by delegates from many nations seeking cutting edge information on emerging developments in Air and Space Law.
- ***Create a thriving intellectual environment and professional global network for the IASL faculty, students, graduates, and experts in the field.*** The IASL brings together some of the world's premiere experts in Air and Space Law under one roof for research, informal discussions, class lectures, seminars and conferences.

The IASL offers three graduate degree programs:

1. The *Graduate Certificate* is awarded after a minimum of one term of residence and on completion of a minimum of fifteen credits of law courses. This can be done in one semester, or two.
2. The *Master of Laws* is awarded upon completion of 45 credits, of which, for IASL students, 24-27 are awarded for successful completion of a thesis, and 18-21 are awarded for successful completion of courses. Normally, a student would be enrolled for two semesters of courses, and at least one

additional semester for completion of the thesis. The LLM normally takes about 18 months to complete.

3. The *Doctor of Civil Laws* degree is a research degree, and requires the preparation of a doctoral thesis between 300 to 400 typescript pages in length, exclusive of tables, bibliography and index. Candidates who enter the program in the first year, called DCL1, must follow a program of at least three years' residence in the Faculty. Residence refers to the numbers of terms or years students must be registered on a full-time basis to complete their program. Students holding a with-thesis LL.M. are usually admitted into DCL2, which means that the minimum residence requirement is reduced to two years of study beyond the Master's degree. If the thesis is not completed by the end of the residence period, then the student must register for additional terms. All degree requirements, including the thesis, must be completed by the end of DCL7. The average time to completion is 4 - 5 years.

Every candidate for the Doctor of Civil Law degree must successfully pass a comprehensive examination, usually after about one year in the program. The candidate will be examined by two members of the Faculty, other than the supervisor. The examination requires the submission of (i) a substantial piece of writing (about 10,000 words), and (ii) a detailed research proposal. Following the successful completion of the comprehensive examination, two examiners, along with the supervisor, will comprise the student's thesis committee. This requirement is less than two years old, and appears to be meeting its objective of ensuring that a person conferred a McGill doctoral degree is fully competent and proficient on the substantive issues of which he purports to have expertise. To qualify for the DCL degree, the thesis must be in a form suitable for publication, and must constitute a significant original contribution to legal knowledge.

The IASL is decidedly a graduate international law program, whose curriculum is international in scope, and whose enrolment is predominantly non-Canadian. In recent years, the IASL has hosted, or co-hosted, numerous workshops, seminars and conferences in Montreal and in venues around the world, including off-shore events in recent years in Abu Dhabi, Brussels, Bogota, Bucharest, Zurich, Dubai, and Macau. Generally, these events have been interdisciplinary in nature, covered a wide range of contemporary issues in aviation and space, and included papers delivered by experts from around the world, including our graduates. Our graduate students have been involved in planning and executing these events. Augmenting our regular faculty, many internationally-prominent experts have lectured at the IASL, particularly those from the United States and Europe.

II. PAST YEAR'S ACTIVITIES

TEACHING AND LEARNING

For the 2008 class, 32 applicants sought admission to the IASL. **In 2008-09, 45 graduate students were enrolled at the IASL, including 19 newly enrolled students.**

Data trends for the IASL in recent years are as follows:

		2003	2004	2005	2006	2007	2008
Applicants	IASL THESIS LLM	26	24	27	22	42	17
	IASL NT LLM						10
	McGill Total LLM	250	206	304	214	200	154
	IASL DCL	5	4	13	2	2	5
	McGill Total DCL	35	30	45	28	42	30
Total LLM + DCL		285	236	349	242	242	184
Acceptances	IASL THESIS LLM	15	15	16	12	25	12
	IASL NT LLM						10
	McGill Total LLM	104	104	105	102	105	101
	IASL DCL	1	1	1	5	1	2
	McGill Total DCL	8	11	5	16	21	14
Total LLM + DCL		112	115	110	118	126	115
Admissions	IASL THESIS LLM	11	10	11	7	22	8
	IASL NT LLM						7
	McGill Total LLM	52	53	55	55	53	43
	IASL DCL	1	0	1	3	1	2
	McGill Total DCL	5	7	5	10	13	10
Total LLM + DCL		57	60	60	65	66	53
PERCENT OF IASL STUDENTS TO TOTAL MCGILL LAW GRADUATE STUDENTS		32%	20%	23%	20%	41%	34%

Table 2 - REGISTRATION STATISTICS

21-Oct-08

NEW ADMITS ONLY

Prim Degree Code	Prim Program	Prim Major1	TOTAL
LLM	LLM-AIR-SP-N	Air and Space Law	7
LLM	LLM-AIR-SP-T	Air and Space Law	8
		TOTAL	43
DCL	DCL-AIR-SP-T	Air and Space Law	2
		TOTAL	10
CERT	C-ASL	Air and Space Law	2
		TOTAL	55

NEW + RETURNING STUDENTS

Prim Degree Code	Prim Program	Prim Major1	NEW	RETURN	TOTAL
LLM	LLM-AIR-SP-N	Air and Space Law	7	0	7
LLM	LLM-AIR-SP-T	Air and Space Law	8	19	27
		TOTAL LLM	43	40	83
DCL	DCL-AIR-SP-T	Air and Space Law	2	3	5
		TOTAL DCL	10	40	50

CERT	C-ASL	Air and Space Law	2	0	2
		GRAND TOTAL	55	80	135

Academic year 2008-2009

IASL program	#apps	#admitted	#accepted	#deferred
DCL/IASL	5	2	2	0
LLM-T/IASL	17	12	8	1
LLM-NT/IASL	10	10	7	1
GC/IASL	9	6	2	1



IASL CLASS OF 2008-09. Front row: Md Ahmad (Bangladesh), Kiattipon Tantikul (Thailand), Jose Ibanez (Chile). Second row: Rachel Pachoud (France), Amanda Mowle (United States), Dana Byrne (Canada), Jailing Shan (Taiwan), Kuan-Wei Chen (Taiwan/Netherlands). Third row: John Bellflower (United States), Carlos Almengor Cabalero (Panama), Luis Sotillo (Panama), Laurent Chassot (Switzerland), Martin Barberot (France)

The following courses were taught:

First Term Courses (*compulsory courses)

- [ASPL 636](#) Private International Air Law* (3 credits) (Prof. Dempsey)
- [ASPL 633](#) Public International Air Law* (3 credits) (Prof. Dempsey)
- [ASPL 637](#) Space Law: General Principles* (3 credits) (Prof. Jakhu)
- [ASPL 633](#) Comparative Air Law (3 credits) (Prof. Weber)
- [CMPL 610](#) Legal Research Methodology (2 credits) (Profs. Van Praagh)

Second Term Courses

- [ASPL 613](#) Government Regulation of Air Transport (3 credits) (Prof. Fitzgerald)
- [ASPL 614](#) Airline Business and Law (3 credits) (Prof. Dempsey & Bunker)
- [ASPL 638](#) Law of Space Applications (3 credits) (Prof. Jakhu)
- [ASPL 639](#) Government Regulation of Space Activities (3 credits) (Prof. Jakhu)
- [CMPL 610](#) Legal Research Methodology (2 credits) (Profs. Van Praagh)
- Thesis (27 credits)

Distinguished Guest Lecturer Series

A number of prominent lawyers, jurists, professors and scholars delivered lectures at the IASL during the 2007-08 academic year, including:

- **Audrey Allison**, Boeing
- **Giovanni Bisignani**, Director General and CEO, IATA
- **Donald Bliss**, Ambassador, US Mission to ICAO
- **Rob Britton**, Lecturer, University of Muenster, Germany and former Managing Director, Brand Development & Advertising, American Airlines, Texas
- **Donald Bunker** (Adjunct Professor) Bunker & Associates, Dubai, UAE
- **Martine de Serres**, Legal Counsel, Air Canada
- **Stephan Eriksson**, (Adjunct Professor), Liman & Partners, Sweden
- **Olivier Ferrante**, BEA, France
- **Robert Gordon**, Vice President – Space & Defense of Boeing Capital Corp.
- **Guisepe Guerreri**, STUDIO LEGALE GUERRERI, Italy
- **Andrew Harakas**, (Adjunct Professor) Clyde & Co., New York
- **Jiefang Huang**, Legal Officer, International Civil Aviation Organization
- **Assad Kotaite**, President Emeritus of the ICAO Council
- **Bruno Legendre**, Legal Counsel, Canadian Space Agency

- **George Leloudas**, Gates & Partners, U.K.
- **Frank Manuhutu**, Chief Legal Advisor, European Aviation Safety Agency
- **Roderick Margo**, (Adjunct Professor) Condon & Forsyth, California
- **Michael Milde**, Director Emeritus, Institute of Air and Space Law, McGill
- **Peter Nesgos** (Adjunct Professor) Partner, Milbank Tweed, New York
- **Mrs. Folasade Odutola**, ICAO Air Transport Bureau
- **Francis Schubert** (Adjunct Professor), Corporate Secretary for Skyguide, Swiss Air Navigation Services Ltd.
- **Peter Van Fenema**, (Adjunct Professor) Attorney, Jonker c.s. Advocaten, The Netherlands
- **Thomas Whalen**, Eckert Seamans Cherin Mellott, LLC, Washington

*Student Activities*¹

IASL students seek to be the most proactive graduate students at the Faculty of Law. In 2008-09, the IASL students were again involved in many activities organized either by the IASL, the Faculty of Law, the GLSA or other entities.

I - Conferences :

McGill/ABA Air and Space Law Forum Conference - September 2008:

Most of the 2008/09 IASL class attended this conference, as well as many returning students, due to preferential attendance fees for students. This event allowed the new students to take their first contact with professionals in the aviation field.

*Several students went to the **International Astronautical Congress and the 51st Space Law Colloquium** at Glasgow, UK, where some of them presented papers.*

*A few DCL students spoke at the **3rd IAASS Conference "Building a safer space together"**, in October 2008 in Rome, Italy.*

As every year, the IASL had a student team for the **North American Rounds of the Manfred Lachs Space Law Moot Court Competition**. The team went to Washington D.C., but unfortunately lost at this stage of the competition, and could not be selected to go to Korea.

¹ This section was prepared by Rachel Pachoud, LLM candidate, McGill Institute of Air & Space Law, and Class President 2008-09.

*Several students also took part in and spoke at the **Workshop and Conference on Air Transport, Air & Space Law and Regulation**, from 12 to 16 April 2009, in Abu Dhabi, UAE.*

A few of the students attended the **2009 ICAO Diplomatic Conference on Compensation for Damage Caused by Aircraft to Third Parties Arising from Acts of Unlawful Interference or from General Risks (DCCD)**, held in Montreal, from April 20th to May 2nd, 2009. And other few new and returning students also attended the **34th session of the Legal Committee**, from September 9th to 17th, 2009.

International & Interdisciplinary Roundtable on Space Governance and International Interdisciplinary Congress on Space Debris, 6-9 May, 2009.

Many first year and returning students got involved in helping organizing the congress and roundtable, taking notes of everything that has been said and/or attending it. The IASL did not change the students for their attendance, making therefore this event very attractive to them.

II - Attendance at other conferences

As part of the non-IASL events some students also attended the *Conference on the Economics of Airports and Air Navigation Services (CEANS)*, organized by ICAO in Montréal from 15 to 20 September 2008, or the 13th Annual Symposium of the International Space University in Strasbourg, France, or took part in an alumni meeting organized by the International Space University at the NASA Ames Research Centre in Mountain View, USA.

III - Jobs, students positions and research

Both first year and returning students interested in space law researched and worked for the **Space Security Index**.

Some of the students were **interns at ICAO**, and several students who have not received any kind of fellowship, worked for the IASL, either as **research assistants, administrative assistants**, or as **editors of the Annals of Air and Space Law**.

IV - Field trips and get togethers

Different field trips were also organized. The students were first warmly received at **IATA**. They then visited **Ottawa**, where they met Nadir Patel, the **Canada's Chief Air Negotiator**, Ray Kaduck, member of the **Canadian Transportation Agency**, visited NAV Canada's air traffic simulator and visited **YOW's air control tower**.

In March, the students visited the **Canadian Space Agency** and were told that the group was the largest ever seen there. They had the highest attendance so far, thanks to Mrs. Lefebvre and Houle, who were so kind in helping the students organizing the tour. They could also witness a live space walk, during their visit, on the giant screens of the CSA's control room.

Finally, thanks to J. Bellflower, student at the IASL and member of the US Air Force, the students had the privilege to visit the **US Air Force Vermont Base in Burlington**, with Prof. Jakhu. They could admire the cockpit and machinery of a retiring F-16, see and record several fighters taking off, and even train on military weapons to close the day.

Thematic days were also organized by the students, to celebrate the main events and days, and strengthen the links among the IASL students: visit of the Canadian forest during the Fall, Christmas, New Year, Chinese New Year, Super Bowl, US Independence day, BBQs, and so forth.

V - Student representation and life at McGill's Faculty of Law

Many IASL students also participated in, or volunteered for the different events organized by the **Graduate Law Students Association**, such as the General assemblies, end-of term dinners, trip to Quebec City Carnival, picnics, and orientation week activities.

The IASL was also well represented at the different **Faculty Committees**, as 2 students held a seat at the GLSA executive board, making propositions and intervening during the Graduate Studies Committee meetings or at the Faculty Council, and 2 other students hold a seat at the PGSS council.

The 2008/09 **graduation dinner** was a success, as every student enjoyed the last official meeting together as a class, shared this special moment with professors and former alumni, and received their life membership of the **Air and Space Law Association**.

IASL Externship Program²

During the summer of 2008, DCL candidate Diane Howard began researching the distinctions between internship and externship programs. In sum, the chief differences were that internships are typically longer-term and often offered course credit, hence they were more rigid. Externships are of shorter duration and students do not receive credit for the time spent. Ms. Howard met with Professor Shauna Von Praagh, the Associate Dean of Graduate Studies in Law, to discuss the possibility of offering credit to students. She explained the administrative burden implicated when offering course credit. Together, they concluded that because of their inherent flexibility, externships would probably be a better fit for our students and for the organizations that agreed to participate. In addition, Professor Von Praagh expressed her belief that the Faculty of Law might be able to assist us in making available an honorarium for some, if not all, participating students.

A survey of IASL graduates was circulated several years ago. It was extensive, asking a wide range of questions of alumnae regarding their

² This section was prepared by Diane Howard, DCL Candidate, McGill University Institute of Air & Space Law.

programs of study, their ensuing careers, the value of theses to those careers and what role, if any, an internship program could play in the IASL's curriculum. Ms. Howard created a database using the information available in the survey. She incorporated here database into the larger IASL database and reworked the fields (which allowed for the targeted mailings). It was decided to send the general untargeted letter to the entire database with an updated brochure in the near future.

The next steps are: 1) take the database and incorporate it into the improved database with updated fields, 2) reprint the brochure, 3) send out the general letter with the brochure to the entire database, and 4) begin a series of targeted mailings. Ms. Howard will then initiate phone contact or more personal email contact based upon the responses we get from both general and targeted mailings. We may have externships set up to commence Spring/Summer 2010.

Marketing

The Institute of Air and Space Law is committed to attracting the highest calibre of scholar. To do this it is necessary that the name and reputation of the Institute are spread widely and that potential applicants are as well informed as possible about the overall IASL experience.

The IASL commits to producing up to date information for all parties, and as a result, to coincide with the relocation of the Institute, is in the process of redrafting the Institute brochure. Students and professors alike are committed to promoting the IASL whenever they travel to participate at conferences or other academic fora by carrying and disseminating IASL materials.

The Institute website is critical to effective marketing and maintenance of interest. One forthcoming addition to the website will be the addition of a page which showcases recent graduates from the Institute who now work within the aerospace industries. This should hopefully provide effective mutual marketing, boosting the profile of recent graduates while also underscoring the success of the IASL in advancing careers within the sector.

Publications of the Centre for Research of Air & Space Law, including the texts on Public & Private International Air Law and the Annals of Air and Space Law, need also to be vigorously marketed with the caveat of balancing profit and circulation. Current points of sale include the IASL website, Carswell distribution, word of mouth and reputation, and sales at IASL or IASL-sponsored events. We believe that there is a wider potential

audience for these publications. Two avenues are currently being explored in this regard. Firstly, Michael Mineiro and Lysanne Larose are working on improvements to the IASL website (NB separate report) with one of the priorities being seeking a possibility to directly purchase publications from the website with credit card payment as opposed to the current system which allows viewers only to be able to print out order forms.

Secondly, commencing in November, for a trial period of up to 6 months, the Centre for Research of Air & Space Law will register as a Pro Seller on Amazon.com. The costs of this are a \$40 fixed monthly fee, a \$0.99 fixed fee per sale plus 15% commission payable to Amazon. The CRASL will be closely tracking sales volume and origin to see whether this undertaking is net financially profitable and whether there would be alternative ways to target the sales derived from Amazon without payment of the various fees.

RESEARCH

In recent years, the IASL and its companion Centre for Research on Air & Space Law (CRASL) have involved its faculty, students and graduates in numerous guest lectures, activities, workshops, seminars, conferences, research projects, and publications that have enlivened the Institute in a way it has not experienced for decades. The Institute of Air & Space Law is a hive of activity in which intellectual energy, innovation and interaction are pursued robustly.

The Annals of Air & Space Law

Now in its 34th year, the *Annals of Air & Space Law* is among the première periodicals in its field. The editor is an IASL graduate law student, and the Editor in Chief is the Director of the IASL. Established in 1976, the *Annals* is devoted to fostering the exchange of ideas and information pertaining to the law applicable to aerospace activities. The advent of manned flight in the airspace in the early 20th century spawned a new era of transportation as well as a new branch of international law devoted to governing this novel and potentially dangerous activity. Decades later, mankind's discovery of the ability to explore and use outer space (i.e. the advent of the Space Age) also initiated the development of space law. Ever since, air and space law have become broad, dynamic, important, and increasingly relevant areas of the law, both at the national and international levels. Recognizing this trend, the ICASL began publication of the *Annals* in 1976; a compendium of unrivalled reference materials and current legal scholarship, produced for the benefit of academicians and practitioners with an interest in aerospace law.

Since its inception, the *Annals* has been a non-profit, bilingual publication devoted to the dissemination of knowledge and the promotion of

scholarship in the unique field of air and space law. Thanks to numerous submissions from practitioners and scholars both in French and English, the *Annals* continues to thrive as a leading publication in this highly specialised area of the law. Our contributors have consistently translated their experiences in business and regulatory matters into valuable resources for purposes of academic study, drawing from practical knowledge and experience to enhance the theoretical basis of legal scholarship.

The IASL's research arm, the Centre for Research in Air & Space Law, published several books and reports in 2008-09, including:

1. Volume XXXIV of the *Annals of Air & Space Law*, at 946 pages, the largest issue every published.
2. *Public International Air Law* (878) pages.
3. *The Space Security Index* (2008).

Research in Progress

The following research projects are under way in the IASL: 1) A report on Canada - India Space Cooperation; 2) Preparation of a study on "An ICAO for Space" for the International Association for the Advancement of Space Safety (IAASS); 3) a collective book on the national regulation of space activities; 4) a study of the principle of air space sovereignty.

Major Grants to the IASL Create Boeing, Arsenault and Sekiguchi Fellowships

Financial support for our graduate students at the Institute of Air & Space Law has been significantly improved with the recent contributions of the Boeing Company, the Arsenault Family Foundation, and the Sekiguchi family.

Boeing provides philanthropy and grants to numerous universities throughout the world, particularly in the discipline of engineering. This grant is the first time Boeing has made a grant to a law faculty. This programme, together with the University policy to assist all doctoral students, should assist in attracting some of the very best students to the IASL. Moreover, the Institute has been able to attract research grants and other "soft money" funding to provide its graduate students with financial assistance.

Boeing Fellowships are awarded annually on the basis of academic merit to support and recognize outstanding graduate students in the Master's or Doctoral program at the Institute of Air & Space Law. Up to three or four Boeing Fellows may be designated in any year, and are renewable based on

successful academic progress. Recipients will be awarded a Fellowship in the range of \$ 18,000 (LL.M.) to \$20,000 (D.C.L.), and will be expected to contribute to ongoing research projects at the IASL, under supervision of faculty members of the Institute.

In 2008, the Arsenault Family trust established the Erin J.C. Arsenault Fellowships in Space Governance at McGill University. This \$1 million grant supports student tuition and research, conferences, seminars and publications over a four-year period. The goal of these Fellowships is to support graduate students who wish to engage in the research of peace and security in outer space through law, policy and global governance. The Fellowships are valued at \$18,000 for eligible LL.M. candidates and \$25,000 for eligible D.C.L. candidates.

In 2008, Mrs. Teruko Sekiguchi funded the Sekiguchi Fellowship in honor of her husband, Professor Masao Sekiguchi (1934-2004), LL.M.'82. This Fellowship is available for eligible outstanding students in the Master's program at the Institute of Air and Space Law. This Fellowship flows from a \$300,000 endowment, and should fund Sekiguchi Fellows in perpetuity.

*Summary of Work on Arsenault-Funded Activities, Including Research and Conferences*³

Background

Having successfully completed two projects with their financial support, Professors Dempsey and Jakhu initiated discussions with Arsenault Family and submitted to them several projects to be funded by them. Later on, Dean Nicholas Kasirer led the negotiations with the Arsenault Family Foundation and expanded the funding to cover financial support for graduate students not only from Law, but also the Faculties of Arts and Sciences. The project was funded (in the amount of about \$1M over 4 years) for the activities listed below. The fund, officially known the Erin J.C. Arsenault Fund, is created to provide "an interdisciplinary opportunity to foster community outreach, teaching, research, student exposure and public policy dialogue at McGill University, examining the use of space for peaceful purposes for the benefit of all."

Professor Ram Jakhu leads the performance of all the tasks designated for the IASL. Implementation plans have been

³ This report was prepared by Prof. Ram Jakhu.

developed for each activity. These plans were shared with the donor, Toby Moneit (Development Officer), and Dean Kasirer.

First year activities

In June 2008, the IASL started working on the activities for the first year of the project (i.e. June 2008 – July 2009) and have completed them as required. A summary is set forth below.

The principal activity of the first year was the organization on 7-9 May 2009 of the International and Interdisciplinary Congress on Space Debris. The Congress was attended by experts in various disciplines (e.g. science, technology, policy, international relations and law) from several countries, governmental agencies and ministries, armed forces, academic institutions, and private companies. This event was reported widely in national and foreign media. The Congress was a great success and has been judged by several participants to be “an intellectually rich, productive and rewarding conference”; and “a very worthwhile initiative, with an impact well beyond the number of participants.” At the end of the Congress, which was convened along with the Space Security Working Group Meeting and a high-level International and Interdisciplinary Roundtable on Space Governance, Dean Nicholas Kasirer wrote to Professor Jakhu: “you did McGill very proud last week, both in your leadership role in these three major events, and in devoting your few moments of leisure between them to the numerous radio, television and print media requests for interviews. McGill and the security in space have rarely been so well represented.”

On 26 July 2009, in Denver, Professors Dempsey and Jakhu briefed the donor about these first-year activities and our future plans; they were quite pleased to see their money being well spent.

Due to the importance of the project to the IASL, the expectation of the donor, and the time-sensitivities involved in the performance of the tasks, Prof. Jakhu committed himself even during his sabbatical leave to continue working on the activities for the second year (i.e. 2009-2010).

Overview of the Erin J C Arsenault Trust Fund Activities by the IASL-Faculty of Law*

* Not included are the activities (and the respective allocated budgets of about \$184,000) related to Graduate Student Fellowships in the Faculties of Arts and Science.

<u>Responsible</u>	<u>Activity/Year/Allocated Budget</u>	<u>First Year</u> <u>1 July 2008</u> - <u>30 June</u> <u>2009</u>	<u>Second Year</u> <u>1 July</u> <u>2009 –</u> <u>30 June</u> <u>2010</u>	<u>Third Year</u> <u>1 July</u> <u>2010 –</u> <u>30 June</u> <u>2011</u>	<u>Fourth Year</u> <u>1 July</u> <u>2011 -30</u> <u>June</u> <u>2012</u>	<u>Totals -</u> <u>Remarks</u>
Institute of Air and Space Law	International Workshop towards seeking an advisory opinion from the International Court of Justice			Planned for May-June 2011: \$50,000		\$ 50,000
	Special Guest Lecturer and Interdisciplinary Roundtable on Space Governance	Completed, 6 May 2009: \$25,000				\$ 25,000
	Project Support for Research and Action in Space Law & Governance	Completed, \$31,000	\$32,000	\$32,000	\$79,000	\$174,000
	International Congress on Space Law and Governance (space debris congress)	First Phase Completed, 7-9 May 2009: \$73,000	Final Phase is planned for 29 and 30 April 2010, in Cologne: \$50,000			\$123,000
	International Workshop on Space Law and Governance (topic t.b.d.: possibly on space debris or space solar power)			\$50,000		\$ 50,000
	International Workshop on Space Law and Governance (possibly on space governance ICAO, UN etc.)				\$100,000	\$100,000
Graduate Programs in Law	Graduate Student Fellowships for Studies of Space Law-related Subjects	Granted, One @ \$25,000 for Ph.D. One @ \$18,000 for LL.M.	Two @ \$25,000 for Ph.D. = \$50,000 Three @ \$18,000 for LL.M. = \$54,000	Two @ \$25,000 for Ph.D. = \$50,000 Three @ \$18,000 for LL.M. = \$54,000	One @ \$25,000 for Ph.D. One @ \$18,000 for LL.M.	\$294,000
TOTALS		\$172,000	\$186,000	\$236,000	\$222,000	\$816,000

ACADEMIC STAFF

McGill's Institute of Air & Space Law's educational program is solid, and taught by some of the most knowledgeable experts in the world. In addition to the IASL expertise on the regular faculty (including Professors Jakhu, Janda, Walsh, de Mestral and Dempsey), and the IASL's adjunct faculty, many experts come from around the world to lecture at McGill.

DEMPSEY, Paul Stephen, Professor and Director

JAKHU, Ram, Associate Professor

JANDA, Richard, Associate Professor

VLASIC, Ivan, Professor Emeritus

WALSH, Catherine, Professor

Part-time and auxiliary staff**Sessional Lecturers**

BUNKER, Donald, Adjunct Professor

ERIKSSON, Stephan V. - Adjunct Professor

FITZGERALD, Paul - Sessional Lecturer

HARAKAS, Andrew, Adjunct Professor

MARGO, Rod D., Adjunct Professor

NEGOS, Peter, Adjunct Professor

SABA, John, Adjunct Professor

SCHUBERT, Francis, Adjunct Professor

VAN FENEMA, H. Peter, Adjunct Professor

WEBER, Ludwig, Adjunct Professor

INVOLVEMENT IN THE COMMUNITY

The IASL has been active in the Montreal community, and the international community. Over the last year, IASL co-sponsored or planned seminars, conferences, workshops and publications with the following organizations:

- The International Civil Aviation Organization;
- The International Air Transport Association;
- The International Institute of Space Law;
- Airports Council International;
- Leiden University (The Netherlands);

- Institute of Air and Space Law, University of Cologne (Germany);
- Concordia University John Molson School of Business;
- The Conference Board of Canada;
- Social Sciences and Humanities Research Council of Canada;
- Spacesecurity.org;
- Secure World Foundation;
- Arsenault Family Foundation;
- Donner Foundation;
- Project Ploughshares;
- Cypress Fund for Peace and Security;
- Space Generation Foundation;
- Simons Centre for Disarmament and Non-Proliferation Research at the Liu Institute for Global Issues, University of British Columbia;
- International Security Research and Outreach Programme at Foreign Affairs Canada;
- United Nations Office of Outer Space Affairs;
- Indian Space Research Organization;
- University of Mississippi National Remote Sensing and Space Law Centre;
- Airport Authority of India; and
- Centre for Aviation Studies, University of Petroleum and Energy Studies (India)

The Institute of Air & Space Law, in conjunction with the Centre for Research in Air & Space Law, organized and co-sponsored the following workshops, seminars and conferences during 2008-09:

- **Air & Space Law: A Global Perspective** – jointly sponsored by the IASL and the American Bar Association at the Marriott Chateau Champlain Hotel in Montreal, Sept. 18-19, 2008, and attended by approximately 215 registrants.
- **Space Security Index (2009)** – May 5-6, 2009 held at the Faculty of Law with approximately 50 participants.
- **McGill University, University of Cologne International Congress on Space Debris** – May 7-8, 2009, held at the Faculty of Law with approximately 60 participants from around the world.

- Workshop on **Introduction to Air Transport, Air & Space Law and Regulation** – April 12-14, 2009, Abu Dhabi, United Arab Emirates.
- **International Conference on Air Transport, Air & Space Law and Regulation** – April 14-16, 2009, Abu Dhabi, United Arab Emirates.

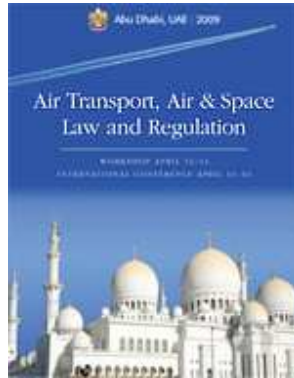
*Air & Space Law: A Global Perspective
September 17-20, 2008, in Montreal, Canada*



The American Bar Association's Forum on Air and Space Law, in partnership with the IASL, held its 2008 Annual Meeting and Conference this September in Montreal. This international gathering of more than 200 aviation and space lawyers, academics, executives, policy makers and other professionals was an opportunity for participants to examine the forces that shape the aviation and space industries of today - and tomorrow - and the legal superstructure in which those forces operate. Pictured above are a number of the McGill IASL graduates who attended.

This two-day event featured keynote speakers, moderators and panelists who are leaders in their areas of expertise. Among the topics, the panels focused on ATC privatization, airport issues, environmental law, passenger rights, safety, privacy and data security - worldwide. A competition law panel considered antitrust issues in the context of mergers and acquisitions, as well as current development in the areas of predation and concerted practices. Finally, a Space Law Panel took us on a journey beyond the current issues of earth-bound aviation to the new frontiers of the extraterrestrial practice of law.

Workshop and Conference on Air Transport, Air & Space Law and Regulation, 12-16 April 2009, Abu Dhabi



The Institute of Air & Space Law hosted a Workshop and Conference on Air Transport, Air & Space Law and Regulation, in collaboration with the General Civil Aviation Authority (GCAA) of the United Arab Emirates in Abu Dhabi, from April 12 to 16, 2009.



Both events were well attended by a wide variety of participants hailing mainly from the Gulf region. A number of IASL Professors, students and graduates taught or presented papers at these events.



Space Security Index Workshop Held at McGill University

4-5 May 2009

The purpose of this Workshop was to seek expert feedback on space security trends and developments in 2007 through open discussion and a review of background research on space security. The final version of the Space Security Index 2008 report, which will be released in September 2008 and will be freely available at www.spacesecurity.org/

The Workshop had been supported by: Secure World Foundation, International Security Research and Outreach Program of the Department of Foreign Affairs and International Trade, Canada, Social Science and Humanities Research Council of Canada, Ploughshares Fund and Nicolas Matesco Matte Fund. The Research Director of the SSI is Prof. Ram Jakhu, Institute of Air and Space Law, McGill University.

*International & Interdisciplinary Roundtable on Space Governance
6 May, 2009, Faculty of Law, McGill University*



Left to right: Prof. Ram Jakhu, Dr. K. Doetsch, President, Doetsch International Space Consultants, Canada; Prof. Paul Dempsey, Dr. Gerard Brachet, Advisor to the Ministry of Foreign Affairs, France (former Director General of CNES) ; Dr. R. Williamson, Executive Director, Secure World Foundation, U.S; and . Dr. K. Kasturirangan, Director, National Institute of Advanced Studies, India (former Chairman of Indian Space Research Organisation)

*International Interdisciplinary Congress on Space Debris
7-9 May 2009, Faculty of Law, McGill University*



Alumni Relations

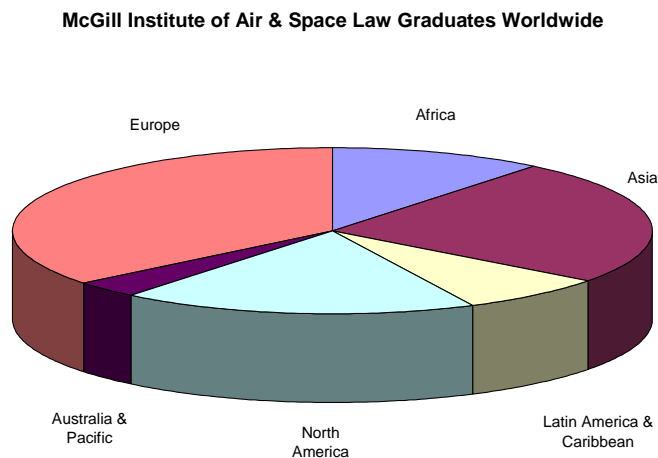
In November 2008, our IASL Alumni(ae) Association hosted a educational session on Masters Thesis research and writing approaches for our LL.M. students, and in April 2009, hosted a graduation dinner for the 2008-09 class. Secretary General Tissa Abeyratne and Secretary John Saba organized these events. At the annual graduation dinner, Ghislane Richard was inaugurated as Secretary General of the IASL Alumni(ae) Association. In 2010, the European IASL Alumni(ae) Association will meet in Prague, Czech Republic.



At this year's Annual IASL Graduation Dinner, Prof. Paul Dempsey presents Dr. Tissa Abeyratne with a plaque in appreciation for his loyal and dedicated service as President of the IASL Alumni(ae) Association, 2003 – 2009.



Tissa Abeyratne, John Saba, and Paul Dempsey with Ms. Ghislane Richard, new President of the IASL Alumni(ae) Association, who was presented at the 2009 Annual Graduation Dinner.



Communications and Marketing⁴

In order to improve enrolments, the IASL has attempted to engage in better publicity of its programmes, with a much enhanced web page, an attractive brochure, and a pro-active approach sending the IASL faculty and students out to fly the McGill flag at seminars and conferences around the world. Partly to enhance the IASL's visibility, the Institute also plans major international conferences in Montreal, and at offshore venues in Europe, the Middle East, Asia and Latin America.

The IASL regularly communicated with its graduates via e-mail to keep them informed of, and engaged in, our activities. The Institute updated and expanded its web site. In 2005, IASL also published and distributed a color brochure summarizing the Institute's activities and opportunities for prospective students. In 2007, these activities generated the largest number of applicants for admission to the IASL in many decades.

The Institute of Air and Space Law is committed to attracting the highest calibre of scholar. To do this it is necessary that the name and reputation of the Institute are spread widely and that potential applicants are as well informed as possible about the overall IASL experience.

The IASL commits to producing up to date information for all parties, and as a result, to coincide with the relocation of the Institute, is in the process of redrafting the Institute brochure. Students and professors alike are committed to promoting the IASL whenever they travel to participate at conferences or other academic fora by carrying and disseminating IASL materials.

⁴ This section was principally prepared by Mark Glynn, DCL candidate, McGill University Institute of Air & Space Law.

The Institute website is critical to effective marketing and maintenance of interest. One forthcoming addition to the website will be the addition of a page which showcases recent graduates from the Institute who now work within the aerospace industries. This should hopefully provide effective mutual marketing, boosting the profile of recent graduates while also underscoring the success of the IASL in advancing careers within the sector.

Publications of the Centre for Research of Air & Space Law, including the texts on Public & Private International Air Law and the Annals of Air and Space Law, need also to be vigorously marketed with the caveat of balancing profit and circulation. Current points of sale include the IASL website, Carswell distribution, word of mouth and reputation, and sales at IASL or IASL-sponsored events. We believe that there is a wider potential audience for these publications. Two avenues are currently being explored in this regard. Firstly, Michael Mineiro and Lysanne Larose are working on improvements to the IASL website (*NB* separate report) with one of the priorities being seeking a possibility to directly purchase publications from the website with credit card payment as opposed to the current system which allows viewers only to be able to print out order forms.

Secondly, commencing in November, for a trial period of up to 6 months, the Centre for Research of Air & Space Law will register as a Pro Seller on Amazon.com. The costs of this are a \$40 fixed monthly fee, a \$0.99 fixed fee per sale plus 15% commission payable to Amazon. The CRASL will be closely tracking sales volume and origin to see whether this undertaking is net financially profitable and whether there would be alternative ways to target the sales derived from Amazon without payment of the various fees.

IASL Website Enhancement Project⁵

Background: The Institute of Air & Space Law (IASL) is a world leader in aviation and space law education and scholarship. As the Institute continues its fine tradition into the 21st century, it is developing and improving its web presence. In the Fall of 2008, Director Dempsey instituted a working group to study and implement website enhancements for the Institute.

Proposed Enhancements: The IASL has identified four enhancement projects. These four projects are scheduled to be undertaken in sequential order.

- Phase 1 (Project 1) is an online conference payment and registration system.
- Phase 2 (Project 2) is an online 'hardcopy' publication purchase system

⁵ This section was prepared by IASL graduate student Michael Mineiro.

- Phase 3 (Project 3) is an online Air & Space Law Resource Center. As currently envisioned this Center will have legal and scholarly materials (such as articles, laws, treaties, theses) available to the public. Also, the Center will house an IASL alumni networking tool (the exact nature of which is still being considered).
- Phase 4 (Project 4) is an online *digital* publication system for the Annals. This is our attempt to maintain financial control of the Annals while still 'getting them online.'

Current Status: There are four possible status levels for these projects: (1) Working Group, (2) Bid Proposal, (3) Construction, (4) Testing and Operations.

- Phase 1 (**Bid Proposal Stage**): We are currently soliciting project proposals. We anticipate selecting contractors by Oct.1st, 2009 with a deadline for project completion by Dec. 21st, 2009. [See Attached Request for Proposals] We anticipate the financial cost for Phase 1 ranging from \$2000 - \$4500 CAD.
- Phase 2 - 4 (**Working Group Stage**): Once Phase 1 is in the Testing and Operations stage, we will finalize Phase 2 and solicit requests for proposals. Phase 3 and Phase 4 will follow in sequential order.

Projected Timeline:

- Phase 1: Completed by Dec. 2009.
- Phase 2: Completed by April 2010.
- Phase 3: TBD
- Phase 4: TBD

Invited Talks and Papers:

Professor Paul Dempsey:

- Papers on Safety, Security, Environmental Law, Foreign Ownership, Carrier Liability, Airline Economics and Law Making in International Organization presented at the Workshop on Introduction to Air Transport, Air & Space Law and Regulation & International Conference on Air Transport, Air & Space Law and Regulation, Abu Dhabi, United Arab Emirates;
- Papers on Safety, Security, Environmental Law, Foreign Ownership, Carrier Liability, Airline Economics and Law Making in International Organization presented at the Singapore Aviation Academy Seminar on International Air Law: Concepts and Applications, and Singapore Aviation Academy Civil Aviation Management Programme, Singapore.
- Airline Blacklisting, presented at the Air Transport Research Society World Conference, Athens, Greece;

- Aviation Safety and Security, presented at the International Conference on Air Transport and Space Activities, China University of Political Science & Law, Beijing, China;
- Aviation Liability issues presented at the Civil Aviation University of China, Tianjin, China;
- Papers on Safety, Security, Environmental Law, Foreign Ownership, Carrier Liability, Airline Economics and Law Making in International Organization presented at the Singapore Aviation Academy, Singapore;
- Clash of the Titans: International Aviation Liability presented at the PEOPIIL Conference on Aviation Liability, Strasbourg, France;
- Air Law and Space Law: Where Do We Draw the Line?, presented at the Symposium on Space Solutions to Earth's Global Challenges, International Space University, Strasbourg, France.

Professor Ram Jakhu:

- "Current Status of the UN Space Treaties and the Vienna Convention on the Law of Treaties in Pacific Rim Nations" presented on 22 May 2009 at the Pacific Rim National Space Law Summit, organized by The University of Mississippi National Center for Remote Sensing, Air, and Space Law, at East West Center in Honolulu, Hawaii, USA, on 20-21 May 2009.
- - "Various Regulatory Mechanisms-Options for Space Debris Mitigation" presented on 8 May 2009 at the International and Interdisciplinary Congress on Space Debris, held at the Faculty of Law, McGill University, Montreal, Canada, on 7-9 May 2009.
- - "Spaceports : Some Facts And Emerging Regulatory Issues" presented on 16 April 2009 at the International Conference on the Air Transport, Air & Space Law and Regulation, held in Abu Dhabi, 15-16 April 2009.
- - "National Regulation of Space Activities," given on 14 April 2009 at the Workshop on the Air Transport, Air & Space Law and Regulation, held in Abu Dhabi, on 12-14 April 2009.
- - "International Regulation of Space Activities," given on 14 April 2009 at the Workshop on the Air Transport, Air & Space Law and Regulation, held in Abu Dhabi, on 12-14 April 2009.
- "Regulatory Aspects of Planetary Protection," given on 4h March 2009 to Prof. Vali's Astrobiology Class, Room 2-36, Strathcona Anatomy & Dentistry Building, McGill University, Montreal, Canada.

- “Space Law: Latest Developments” delivered on 23 January 2009 at the School of International Studies of the Jawaharlal Nehru University in Delhi to over 70 graduate law students, faculty members and several invited legal experts from the public and private sectors in New Delhi, India.
- “Space Tourism” delivered on 22 January 2009 to MBA (Aviation) students and faculty members, at the University of Petroleum and Energy Studies (UPES) in Gurgaon, India.
- “ The emerging field of Air and Space Law, especially in India,” given on 19 January 2009, to an audience of over 200 people comprising of the faculty members, students and administrative staff at Dr. Ram Manohar Lohiya National Law University, Lucknow, India.
- “Planetary protection and other legal aspects of long-term human presence in space”, delivered on 17 December 2008 at the Symposium on Legal and Policy aspects of Human Exploration of Outer Space, organized by Leiden University, at Leiden, The Netherlands.
- “International Regulatory Standards for Spaceports” (co-authored by Yaw Nyampong), presented on 22 October 2008 at the IAASS (International Association for the Advancement of Space Safety) Conference, held on 21 -23 October 2009, in Rome, Italy.
- “How threats to Space Security may have adverse implications for Global Aviation Industry?” delivered on 23 September 2008 at the Meeting of the International Foundation for Aviation and Development, at the Faculty of Law (Common Room), McGill University, Montreal.
- “International Regulation of Radio Frequencies & Satellite Orbits” given on 8 August 2008 to the Policy and Law Department of the 2008 Space Studies Program of International Space University, held in Barcelona, Spain.
- “Capacity Building in Space Law and Space Policy” (paper number: PCB2-0010-08), presented on 17 July 2008 at the 37th Scientific Assembly of the COSPAR (Committee of Space Research), held in Montreal, Canada.

Prof. Ludwig Weber:

- EU Aviation Safety and Its Impact on Indian Air Transport, Presentation given on 23 April 2008 at the International Conference on Contemporary Issues in Air Transport, Air Law and Regulation, New Delhi, 23 - 25 April 2008
- Liability and Insurance Issues in Aviation: A perspective on the current status of modernization, Presentation given on 25 April 2008 at the International

Conference on Contemporary Issues in Air Transport, Air Law and Regulation, New Delhi, 23 - 25 April 2008

- Aircraft Manufacturer and ATC Liability: Current Issues, Presentation given on 25 April 2008 at the International Conference on Contemporary Issues in Air Transport, Air Law and Regulation, New Delhi, 23 - 25 April 2008
- Aircraft Finance and Registration of Security Interests, Presentation given on 22 April 2008 at the Workshop on Introduction to Air Transport, Air Law and Regulation, New Delhi, 21 - 23 April 2008
- Manufacturer's Liability and Air Traffic Control Liability, Presentation given on 22 April 2008 at the Workshop on Introduction to Air Transport, Air Law and Regulation, New Delhi, 21 - 23 April 2008
- Aktuelle Entwicklungen bei der ICAO, Presentation given on 23 October 2008 at the Annual Forum Luftsicherheit 2008, organized by Forum Institute for Management and Technical University Berlin, Berlin 23 - 24 October 2008

ADDITIONAL INFORMATION ATTACHED

- Appendix I: IASL Students registered in 2008-09
- Appendix II: Honours, Awards and Prizes
- Appendix III: Publications
- Appendix IV: Consulting Activities

APPENDIX I

**INSTITUTE OF AIR AND SPACE LAW
CLASS LIST 2008-09**

Name	Country	Program	Funding/Awards
Aburukba/Ayman Mohammed A	Saudi Arabia	LLM NT	
Ahmad/Md Tanveer	Bangladesh	LLM T	
Ahmadi/Ali	Iran	LLM NT	
Aliu/Olumuyiwa Benard	Nigeria	GC	
Almengor Caballero/Carlos Alberto	Panama	LLM NT	
Badreddine/Mohamed	Ivory Coast/Canada	LLM T	Hydro
Barberot/Martin Thomas	France	LLM T	
Bellflower/John William	USA	LLM T	
Blumenkron/Jimena	Mexico	LLM T	
Brisson/Julie	Canada	LLM T	
Burchevskyy/Oleksiy	Ukraine	LLM T	Boeing
Byrne/Dana	Canada	LLM NT	
Chassot/Laurent	Switzerland	LLM T	
Chen/Kuan-Wei	Taiwan/Netherlands	LLM T	Boeing
Chen/Qian	China	LLM T	
Doldirina/Catherine	Ukraine/Georgia	DCL	Boeing
Glynn/Mark Andrew	England	DCL	
Hébert/Anne Marie	Canada (ON)	LLM T	
Hetlof/Julia Anna	Poland/USA	LLM T	
Howard/Diane	USA	LLM T	
Ibáñez/José Luis	Chile	LLM NT	
Jalali/Javad	Iran	LLM T	
Kovudhikulrungsri/Lalin	Thailand	LLM T	
Lippé/Eric	Canada (QC)	LLM T	
Luongo/Norberto Ezequiel	Argentina/Italy	LLM T	
Lycos/Paul Easton	USA	LLM T	
Mineiro/Michael Christopher	USA	DCL	Boeing
Mowle/Amanda Faustina	USA	LLM NT	
Munisami/Ari	Mauritius	LLM T	
Nargund/Mathuranath Kshama	India	LLM T	
Pachoud/Rachel Catherine	France	GC	
Piera/Alejandro Jose	Paraguay	DCL	Morrow
Restrepo Marino/Alejandro	Colombia	LLM T	
Shan/Jialing	Taiwan	LLM T	
Singh/Karan	India	LLM T	
Sotillo/Luis Carlos	Panama	LLM NT	
Tantikul/Kiattipon	Thailand	LLM T	

Tsao/Tseng-Hao	Taiwan	LLM T	
Uttarachai/Pleotian	Thailand	LLM T	
Visser/Hans***	Netherlands	GC	***
von Planta/Niclas	Switzerland	LLM T	

**INSTITUTE OF AIR AND SPACE LAW
CLASS LIST 2009-10**

NAME	CITIZENSHIP	PRIM_PROGRAM	Funding/Awards
Burris/Matthew David	USA	LLM-AIR-SP-T	
Dodge/Michael Steven	USA	LLM-AIR-SP-T	Boeing
Dousset/Sara	Switzerland	LLM-AIR-SP-N	
Fabrici/Ondrej	Slovak Republic	LLM-AIR-SP-T	Arsenault
Garcia/Marcelo	Canada	LLM-AIR-SP-T	
Gundogdu/Yesim	Turkey	LLM-AIR-SP-N	
Holman/Robin Fraser	Canada	LLM-AIR-SP-T	
He, Xiaoting	China	LLM-AIR-SP-N*	
Howard/Diane	USA	DCL-AIR-SP-T	Arsenault
Huang/Yue	China	LLM-AIR-SP-N	
Luongo/Norberto Ezequiel	Argentina	DCL-AIR-SP-T	Boeing
Pelletier/Martin	Canada	LLM-AIR-SP-T*	
Pop/Sorana Alina Catinca	Romania	LLM-AIR-SP-N	
Ro/Yelim	South Korea	LLM-AIR-SP-N	R. E. Morrow
Smirnova/Inna	Russia	LLM-AIR-SP-N	R. E. Morrow

RETURNING:

Ahmad/Md Tanveer	Bangladesh	LLM T
Ahmadi/Ali	Iran	LLM NT
Barberot, Martin	France	LLM T
Bouvet, Isabelle	France	DCL-AIR-SP-T
Chen/Kuan-Wei	Taiwan/Netherlands	LLM T
Doldirina/Catherine	Ukraine/Georgia	DCL
Glynn/Mark Andrew	England	DCL
Hébert/Anne Marie	Canada (ON)	LLM T
Jalali/Javad	Iran	LLM T
Mineiro/Michael Christopher	USA	DCL
Nargund/Mathuranath Kshama	India	LLM T
Nyampong, Yaw	Ghana	DCL-AIR-SP-T
Pachoud/Rachel Catherine	France	LLM-AIR-SP-N
Piera/Alejandro Jose	Paraguay	DCL
Shan, Jialing	Taiwan	LLM T
Tantikul/Kiattipon	Thailand	LLM T
Tsao, Tseng-Hao	Taiwan	LLM T

APPENDIX II – HONORS AWARDS AND PRIZES

The following Prizes and Scholarships were awarded:

- The Nicolas Mateesco Matte Prize: *Kuan-Wei Chen*
- The Jose Bogolasky Prize: *Olumuyiwa Benard Aliu*
- Setsuko Ushioda-Aoki: *Jialing Shan*
- DCL BOEING Fellowship: *Catherine Doldirina; Michael Christopher Mineiro; Norberto Ezequiel Luongo*
- LLM BOEING Fellowship: *Oleksiy Burchevskyy; Kuan-Wei Chen; Michael Steven Dodge*
- LLM ARSENAULT Fellowship: *Ondrej Fabrici*
- DCL ARSENAULT Fellowship: *Diane Howard*

APPENDIX III – PUBLICATIONS**Professor Ram Jakhu:**

- “Space Security and Competition for Radio Frequencies and Geostationary Slots”, *ZLW* 58. Jg. 1 (2009), 74-93. (with Karan Singh).
- “The case for enhanced India-Canada space cooperation”, *Space Policy*, (2009), 1-11.
- “Development of the Natural Resources of the Moon and Other Celestial Bodies: Economic and Legal Aspects”, *Astropolitics*, 6:3, (2008), 201-250. (with Maria Buzdugan)

Book Chapters:

- “The 1967 Outer Space Treaty at its 40th Anniversary,” in Anatoly Kapustin and Gennady Zhukov (eds.), *The Contemporary Problems of International Space Law*, Peoples’ Friendships University of Russia, Moscow, 2008, 225-244. (also translated into Russian language, *ibid.* pp. 200-224).
- “Commentary on Article II of the Outer Space Treaty” (with Steven Freeland) for the *Cologne Institute of Air and Space Law Commentary on Space Law*, December 2008.

Prof. Paul Stephen Dempsey**Books:**

PUBLIC INTERNATIONAL AIR LAW (McGill 2008) – 878 pages
 SPACE LAW (Oxford University Press 2009) (five-volume treatise updated quarterly).

Articles:

- “The Financial Performance of the Airline Industry Post-Deregulation”, 45 *HOUSTON LAW REVIEW* 421-85 (2008).
- “The Evolution of Air Transport Agreements”, *XXXIII Annals of Air & Space Law* 127-230 (2008).
- “The Evolution of US Space Policy”, *XXXIII Annals of Air & Space Law* 324-43 (2008).

In-house Teaching Materials:

Public International Air Law (two volumes)
 Private International Air Law (two volumes)

Catherine Doldirina – DCL Candidate**2008:**

Remote Sensing: The Three E’s – A Case for Moving Space Data towards the Public Good (2008) 24/1 *Space Policy Journal* 22-32 (in co-authorship with Prof. Dr. L.J. Smith)

Legal Protection of Satellite Remote Sensing Data. *Astro 2008 Conference Proceedings*;

Jurisdiction and Applicable Law in Cases of Damage from Space in Europe – the Advent of the Most Suitable Choice – Rome II. *IAC 2008 Proceedings* (in co-authorship with Prof. Dr. L.J. Smith)

Value of Space Debris Mitigation Guidelines of the Scientific and Technical Subcommittee of the Committee on the Peaceful Uses of Outer Space. *IAASS Proceedings 2008*

Commons as a Legal Basis for a Broader Access to Remote Sensing Data. *ISI 2009 Conference Proceedings*

INSPIRE: a real step forward in building an interoperable and unified spatial information infrastructure for Europe? *ESPI Perspectives* (March 2009) online: <<http://www.espi.or.at/images/stories/dokumente/Perspectives/espi%20perspectives%2020%20doldirina.pdf>>

Diane Howard, DCL Candidate

Article, “Including Space Law and Policy in STEM Curricula” 60th International Astronautic Congress, (to be published in proceedings, to be presented in Daejeon, South Korea October 2009).

L.L.M. Thesis “Making do with what we have: creating certainty in private space law” (2009) McGill University, Graduate Programs in Law, Montreal QC Canada (published as a book by VDM Verlag, Germany, ISBN: 978-3-639-17992-7)

Article, “Achieving a Level Playing Field in Space-Related Public-Private Partnerships: Can Sovereign Immunity Upset the Balance?” (2008) 73:4 *J. Air Law & Commerce* 723 – 57.

Mark Glynn, DCL Candidate:

“BIRDS OF A FEATHER: Network carriers flock together in early experiences of Transatlantic Open Skies” - 34 *Annals of Air & Space Law* 207-253.

POLICY CONSIDERATIONS IN THE NEGOTIATION OF A NEW AIR SERVICES AGREEMENT BETWEEN CANADA AND THE EUROPEAN UNION - Strategic Knowledge Clusters Project, Carleton University - Reproduced in *Aviation Law and Regulations* (ICFAI, 2009).

L'IMPORTANCE DE PROCÉDER À UNE MISE EN APPLICATION DILIGENTE DE L'ACCORD EUROCANADIEN SUR LES SERVICES AÉRIENS - Strategic Knowledge Clusters Project, Carleton University.

Norberto Luongo, DCL Candidate:

Book:

“A Treatise on Tort Law Aspects in International Air Transportation” [original in Spanish]. AD HOC edit., 762 pages (April, 2009), **ISSN** 978-950-894-717-8, www.norbertoluongo.com/tratado

Articles:

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