

TIMOTHY M. RAVICH

500 W. LIVINGSTONE STREET, DPAC 430I, ORLANDO, FLORIDA 32801

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EDUCATION

UNIVERSITY OF MIAMI SCHOOL OF LAW, Coral Gables, Florida, *J.D., cum laude*, 1999

Honors Dean's List
Iron Arrow Honor Society (highest award attainable at the University of Miami)
CALI Excellence for the Future Award – Legal Research and Writing

Law Review Editor-in-Chief, *University of Miami Business Law Review*
Chair, Health Law Symposium, 7 U. MIAMI BUS. L. REV. 3 (1999)

Moot Court First Place, Optional Team Moot Court Competition (1L)

Scholarship Research assistant. See Anthony V. Alfieri, *Race Trials*, 76 TEX. L. REV. 1293 (1998); Sharon Keller, *Two Tales of a City: Agostini and Private Vouchers*, 18 STAN. L. & POL'Y REV. 85 (1998)

EMBRY-RIDDLE AERONAUTICAL UNIVERSITY, Daytona Beach, Florida, *M.B.A.*, 2008

FLORIDA INTERNATIONAL UNIVERSITY, Miami, Florida, *B.A. (Political Science, History)*, 1996

BRANDEIS UNIVERSITY, Waltham, Massachusetts (1991-1993)

UNIVERSITY OF VIRGINIA SCHOOL OF LAW, Charlottesville, Virginia (2015)

23d National Security Law Institute for Professors and Government Practitioners

ACADEMIC EXPERIENCE

UNIVERSITY OF CENTRAL FLORIDA, Orlando, Florida

Associate Professor (Tenured), 2020-present

Assistant Professor (Tenure Track), 2014-2019

Department of Legal Studies, College of Community Innovation and Education ("CCIE")

COURSES TAUGHT (Face-to-Face, Mixed-Mode, and Online Modalities)

Honors Thesis; Aviation Law; Partnerships and Corporations; Law and Technology; Civil Practice and Procedure; Legal Research and Writing; Law and the Legal System

Awards UCF College Faculty Excellence in Undergraduate Teaching (2018)

ACADEMIC EXPERIENCE – UCF (CONT'D)

Directly Supervised Undergraduate Research

Thesis Chair, Honors in Major (2015), *To Catch a Terrorist: The Improper Use of Profiling in U.S. Post-9/11 Counterterrorism*

Thesis Committee, Member: *Legal Implications of the Zika Virus* (2017); *A Comparative Analysis of the USA Patriot Act and the USA Freedom Act of 2015: Balancing Security with Liberty* (2015)

Mentor, UCF Research and Mentoring Program (2015)

Leadership, Governance, and Engagement

UNIVERSITY	Faculty Senate (2015-2019) Budget and Administrative Committee (2017-2019) Parking Advisory Committee (2015-2017)
COLLEGE	CCIE Research Council (2014-present) Chair, Instructor and Promotion Committee (2017) Dean's Faculty Council (2015-2017)
DEPARTMENT	Search Committee for Department Chair (2015) Chair, Instructor/Lecturer Promotion and Tenure Committee (2014-present) By-Laws Committee (2018-present) Undergraduate Law Forum Committee (2018-present)

Funded Research and Discovery

<i>External</i>	<i>National Academy of Sciences, Engineering, and Medicine</i>	<u>\$105,000</u>
2018-2021	Principal Investigator <i>Update of Compilation of FAA/DOT Airport Legal Determinations</i>	\$40,000
2016-2017	Principal Investigator <i>Evolving Law on Airport Implications by Unmanned Aerial Systems</i> https://www.nap.edu/catalog/24932/evolving-law-on-airport-implications-by-unmanned-aerial-systems	\$65,000

ACADEMIC EXPERIENCE – UCF (CONT'D)

Funded Research and Discovery (cont'd)

<i>Internal</i>	<i>COHPA Faculty Sponsored Research Support Initiative</i>	<u>\$7,500</u>
2017-2018	Principal Investigator <i>Friend or Foe? Drones and Law Enforcement</i>	\$2,500
2016-2017	Principal Investigator <i>Preemption and Co-Passenger Torts in International Air Carriage</i> <i>Supervised Six Upperclassmen Undergraduate Students</i>	\$2,500
2014-2015	Principal Investigator <i>For National Air and Space Museum Aviation Writers Foundation Award</i>	\$2,500

OTHER ACADEMIC APPOINTMENTS

MCGILL UNIVERSITY, Montréal, Canada

Peer Reviewer, Editorial Board, Annals of Air and Space, Institute of Air and Space Law (2019)

UNIVERSITY OF MIAMI SCHOOL OF LAW, Coral Gables, Florida

Adjunct Professor, 2006-2014

COURSES Aviation Law Workshop

SERVICE Faculty advisor to law review and independent study students
researching complex tort litigation issues for publication

AWARDS University of Miami Law Alumni Association Leadership Award

FLORIDA INTERNATIONAL UNIVERSITY, Miami, Florida

Adjunct Professor, 2008-2014

COLLEGE OF LAW; DEPARTMENT OF POLITICS AND INTERNATIONAL RELATIONS

COURSES TAUGHT Aviation and Space Law, Trial and Appellate Advocacy;
Constitutional Law—Limits

AWARDS Torch Award (Highest University Honor)

PUBLICATIONS

SSRN: <http://ssrn.com/author=2095716>

Top 10% of Authors, 2016-2019

BOOKS (PEER-REVIEWED)

LAW AND EMERGING TECHNOLOGY (WEST ACADEMIC PUBLISHING) (forthcoming 2021)

U.S. AVIATION LAW: AN INTRODUCTION (WEST ACADEMIC PUBLISHING 2020)
[with 345-page Teacher's Manual]

COMMERCIAL DRONE LAW: DIGEST OF U.S. AND GLOBAL UAS RULES, POLICIES, AND PRACTICES
(AMERICAN BAR ASSOCIATION 2017) [Reviewed by Daniel E. Harmon, *Commercial Law Digest*, 30
NO. 20 LAWYER'S PC (2017)]

BOOKS (PEER-EDITED WORKS)

FLORIDA CONSUMER LAW (ALM DAILY BUSINESS REVIEW 2016, 2017)

AVIATION LAW AFTER SEPTEMBER 11TH (SECOND EDITION, VANDEPLAS 2016) [First Edition
Reviewed by Professor Steve V. Dedmon, 21 J. AVIATION AND AEROSPACE EDUCATION 2, 12
(2012)]

BOOK CHAPTERS (PEER-REVIEWED)

NIMBY, NAMBY, and UAVs: Property Law in the Drone Age in EXPLORING PROPERTY RIGHTS IN
CONTEMPORARY GOVERNANCE (STATE UNIVERSITY OF NEW YORK PRESS 2018)

*A Comparative Global Analysis of Drone Laws in THE FUTURE OF DRONE USE: OPPORTUNITIES AND
THREATS FROM ETHICAL AND LEGAL PERSPECTIVES* (ASSER PRESS, SPRINGER (2016))

*Grounded in the Law: Commercial UAV Rules in UNMANNED AIRCRAFT IN THE NATIONAL
AIRSPACE: CRITICAL ISSUES, TECHNOLOGY AND THE LAW* (AMERICAN BAR ASSOCIATION 2015)

Should Bad Airline Service Be Illegal? in HANDBOOK OF AIRLINE ECONOMICS (ELGER 2012)

BOOK REVIEW

International Regulation of Non-Military Drones (Elger Publishing, 2018): A Book Review, ANNALS OF AIR AND SPACE (2019)

PUBLICATIONS (CONT'D)

ARTICLES

NATIONALLY RANKED PUBLICATIONS

Airline Deregulation in the Fourth Circuit, 71 SOUTH CAROLINA L. REV. __ (forthcoming 2020)

Governance Challenges of Urban Air Mobility ("UAM"), 124 PENN. ST. L. REV. 658 (2020)

Emerging Technologies and Enforcement Problems: The Federal Aviation Administration and Drones as a Case Study, 3 J. REGULATORY COMPLIANCE (2019)

Grounding Innovation: How Ex Ante Prohibitions and Ex Post Allowances Impede Commercial Drone Use, 2018 COLUMBIA BUS. L. REV. 495 (2018)

Airports, Droneports, and Uncontrolled Airspace, 44 FORDHAM URB. L.J. 587 (2017) (lead article)

Open Skies, 10 FIU L. REV. 137 (2015)

Introduction in Symposium, Aviation and Space Law, 10 FIU L. REV. 5 (2015)

Courts in the Drone Age, 42 N. KY. L. REV. 161 (2015) (lead article)

Commercial Drones and the Phantom Menace, 5 J. INT'L MEDIA & ENT. LAW 175 (2015) (lead article [Listed on Social Science Research Network's ("SSRN's) Top Ten download list for Transport: Air Transportation Systems (Topic)])

National Airline Policy, 23 U. MIAMI BUS. L. REV. 1 (2014) (lead article [Cited by the United States District Court, Southern District of New York in *Mali v. British Airways*, 2018 WL 3329858 (S.D.N.Y. 2018)])

ARTICLES (CONT'D)

NATIONALLY RANKED PUBLICATIONS (CONT'D)

The Integration of Unmanned Aerial Vehicles into the National Airspace, 85 NORTH DAKOTA L. REV. 597 (2009) (lead article, symposium issue)

Is Airline Passenger Profiling Necessary?, 62 U. MIAMI L. REV. 1 (2007) (lead article)

Airline Passenger Profiling Systems after 9/11: Personal Privacy versus National Security, 44 J. TRANSP. RES. F. 127 (2005)

Deregulation of the Airline Computer Reservation Systems (CRS) Industry, 69 J. AIR LAW & COMM. 387 (2004)

Re-Regulation and Airline Passengers' Rights, 67 J. AIR LAW & COMM. 935 (2002)

PRACTITIONER-ORIENTED PUBLICATIONS

Privacy Law in the Drone Age: Lowering (Reasonable) Expectations, GPSOLO (American Bar Association, forthcoming 2020)

Aviation Lien Law, FLORIDA BAR JOURNAL (forthcoming 2020)

Airline Safety versus Personal Privacy: Airport Profiling in a Post-9/11 World in Aspatore Special Report: Navigating the Legal Impact of Airport Security Measures 25 (Thomson Reuters 2011) (edited work)

Aviation Litigation and Mass Torts: A Crash Course, AMERICAN BAR ASS'N, SECTION OF LITIGATION, MASS TORTS, Winter 2010, at 3 (peer-reviewed)

2010: Space Law in the Sunshine State, Florida Bar Journal (Sept./Oct. 2010) (peer-reviewed)

Consulting legal editor, LEXISNEXIS PRACTICE GUIDE: FLORIDA CIVIL PROCEDURE (2006)

Consulting legal editor, LEXISNEXIS PRACTICE GUIDE: FLORIDA CONTRACTS (2006)

CONFERENCE PROCEEDING PAPERS (PEER-REVIEWED)

Assessing “Drones for Good” – Public UASs in the Middle East, International Aviation Management Conference, Emirates Aviation University, United Arab Emirates (2014)

The U.S. Airline Industry after September 11, 2001, 8 INT’L TRAVEL L.J. 254, Newcastle upon Tyne, United Kingdom (2001)

Flight or Fight: The Passengers’ Bill of Rights, 8 INT’L TRAVEL L.J. 102, Newcastle upon Tyne, United Kingdom (2001)

ARTICLES (CONT’D)

Commentary

‘Fear of Making Mistake’ Paralyzes Drone Rules, Op-Ed (Guest Columnist), ORLANDO SENTINEL, July 17, 2018

Is It Time to Tighten Drone Regulations?, THE COSTCO CONNECTION, March 2016, at 26

Anti-Drone Law Unlikely to Promote Privacy, Security, DAILY BUSINESS REVIEW, June 25, 2013, at A8

A Fresh Start for Mexicana? Aviation Bankruptcy Law, AIRLINERS, December 2010, at 32

Space Law in the New Millennium, AIRLINERS, March/April 2010, at 46

The Fair Treatment for Experienced Pilots Act, AIRLINERS, March/April 2008, at 69

Airline Alliances: Code-Sharing, not Blame-Sharing, AIRLINERS, May/June 2007, at 60

Without Reservations, DAILY BUSINESS REVIEW (Special Report: Antitrust Issue) (2004)

ARTICLES (CONT'D)

LexisNexis® Expert Commentary – Aviation Series

Claims against the U.S. under the Federal Tort Claims Act, 28 U.S.C. § 2671 et seq. (2008)

Antitrust Issues and Predation in the Airline Industry (2008)

Airline Liability Arising under the Convention for the Unification of Certain Rules for International Carriage by Air (the “Montreal Convention”) (2008)

Choice-of-Law Issues in Aviation Cases (2008)

Airline “Code-Sharing” Lawsuits (2008)

The Forum Non Conveniens Doctrine: Aviation Accident Litigation (2008)

Death on the High Seas Act (“DOHSA”), 46 U.S.C. § 30301 et seq. (2008)

New York’s Airline Passengers’ Bill of Rights: Air Transport Ass’n of America v. Cuomo (2008)

The Railway Labor Act, 45 U.S.C. § 151 et seq. (2008)

Air Carrier Access Act, 49 U.S.C. § 41705 et seq. (2008)

Racial Discrimination in Airline Transportation: Cerqueira v. American Airlines (2008)

Airline “Bumping” Claims (2008)

Mandatory Airline Pilot Retirement: A Solution in Search of a Problem? (2008)

The General Aviation Revitalization Act of 1994, 49 U.S.C. § 40101 Note (“GARA”) (2008)

Medical Certification for Pilots (2008)

Defense and Appeal of FAA Certificate Actions (2008)

FAA Airmen Certificate and Civil Penalty Actions (2008)

Admiralty Jurisdiction in Aviation Accident Litigation (2008)

ACADEMIC CONFERENCES – PAPER PRESENTATIONS

International Conferences

From Res Ipsa to “Return Home.” Liability and the Reasonable Man in Age of Unmanned Aviation, Institute of Air and Space, Conference on International Aviation Liability and Insurance, McGill University, Montréal, Canada (2017)

Unmanned Innovation: The Interface of Aviation and Information Technology, The Many Faces of Innovation, Bar Ilan University, Tel Aviv University, Israel (2016)

Assessing “Drones for Good” – Public UASs in the Middle East, International Aviation Management Conference, Emirates Aviation University, United Arab Emirates (2014)

Moderator, *Passenger Rights – Government vs. Industry*, Asociación Latinoamericana de Transporte Aéreo, Legal and Finance Issues Facing the Aviation Industry, Miami, FL (2007)

The U.S. Airline Industry: Regulatory Impulses and Passengers’ Rights, Policy Law and Management Conference, Northumbria University, Newcastle upon Tyne, United Kingdom (2002)

National Conferences

Collision Course: Of Drones and Decision-Makers, *Nova Law Review*, Progression 2018: Using Law to Facilitate an Efficacious Innovation Economy, Nova Southeastern University, Shepard Broad College of Law, Davie, Florida (2018)

Commercial Drones and the Emerging Regulatory Framework, University of North Dakota School of Law, North Dakota Law Review Symposium, “Drone Law,” Grand Forks, North Dakota (2018)

Grounding the Regulatory State: Rulemaking and Enforcement for Unmanned Aerial Systems- “Drones,” Loyola University Chicago Journal of Regulatory Compliance and the Center for Compliance Studies, Second Annual Symposium, “What is the Role of a Regulation if it is not Enforced?,” Chicago, Illinois (2018)

Chair and Panelist, Aviation and Space Law Symposium, Florida International University Law Review, Miami, Florida (2015)

Courts in the Drone Age, Law + Informatics Symposium on Digital Evidence, Northern Kentucky University Chase College of Law, Highland Heights, Kentucky, (2015)

ACADEMIC CONFERENCES – PAPER PRESENTATIONS (CONT'D)

National Conferences (cont'd)

The Constitution in the Drone Age, Sixth Annual Constitutional Law Colloquium, Loyola University Chicago School of Law, Chicago, Illinois (2015)

Using Drones in the News and Entertainment Industries: Legal and Regulatory Issues, The Donald E. Biederman Entertainment and Media Law Institute of Southwestern Law School, Los Angeles, California (2014)

Surveillance Society: National Security vs. Personal Privacy, 46th Transportation Research Forum, George Washington University, Washington, D.C. (2005)

State Conferences

Attack of the Drones: A Discussion in the Development of Drone Law, The Federalist Society, Barry University School of Law, Orlando, Florida (2016)

One Nation, Under Drones, American Constitution Society First Constitutional Law Scholars Forum, Barry University School of Law, Orlando, Florida (2015)

Rolling the Dice: Compliance or Consequence for the Drone Industry, Nevada Unmanned Systems Business Exposition, Las Vegas, Nevada (2014)

INDUSTRY AND PRACTICE-ORIENTED PRESENTATIONS (INVITED)

PI Symposium on ACRP Research in Progress, Transportation Research Board, Airport Cooperative Research Program, Washington, D.C. (2019)

Unmanned Aerial Systems at Airports, Transportation Research Board, Airport Cooperative Research Program (2018)

From Kites to Bytes, Experimental Aircraft Association (“EAA”), Oshkosh, Wisconsin (2017)

Innovation in Unmanned Aviation, Learning Institute for Elders (“LIFE”), University of Central Florida, Orlando, Florida (2017)

INDUSTRY AND PRACTICE-ORIENTED PRESENTATIONS (INVITED) (CONT'D)

Drone Law: The International Approach to UAV Regulation, Seminar Group, Atlanta, Georgia (2016)

Amazon to Australia: UAV Global Showcase at Drones Incoming! Are you Ready for Unmanned Aerial Vehicles (UAV)?, American Bar Association Showcase Program, Annual Meeting, Chicago, Illinois (2015)

UAVs in the USA: Drone Regulations from the 30,000 ... er, 500-Foot Level, Embry-Riddle Aeronautical University, Aviation Law and Insurance Symposium, Orlando, Florida (2015)

International Drone Regulations: Emerging Laws, Policies and Best Practices, American Bar Association Section of Science and Technology Law (Webinar) (2015)

Unmanned Aerial Vehicles, Podcast, George Mason University Mercatus Center (Podcast) (2013)

Inaugural Speaker, *Aviation and Space Law: An Introduction*, Florida State University College of Law, Aviation and Space Law Society, Tallahassee, Florida (2012)

Program Chair, *The Montreal Convention: To Infinity, er, 100,000 SDRs and Beyond*, Florida Bar Aviation Law Certification Exam Review Course, Orlando, FL (2010)

Chair, *Open Skies for VLJs in Latin American and the Caribbean*, MIU Aviation Conference, Miami, FL (2008)

From Sputnik to Space Florida, Florida Bar, Orlando, FL (2007)

Why Airline Passenger Profiling is Necessary, Florida Bar, Tampa, FL (2006)

MEDIA APPEARANCES AND POPULAR PRESS

Boeing's "Very Bad" Internal Messages Boost Crash Victims, Could Help Crash Victims, BLOOMBERG, Jan. 15, 2020.

400 Pilots Sue Boeing in Class Action Response to 737MAX Grounding, University of Pennsylvania, Wharton Business Radio, Knowledge@Wharton, June 25, 2019

Boeing Pushes to Move Crash Suits from Hometown to Indonesia, BLOOMBERG, May 1, 2019,

MEDIA APPEARANCES AND POPULAR PRESS (CONT'D)

Boeing's Lawsuit Risks Soar around Second 737 MAX Disaster, BLOOMBERG, Mar. 15, 2019

Did the United Airlines Passengers Have "Every Right" to Stay on the Plane?, POLITIFACT, Apr. 14, 2017

Intersection: To Drone or Not to Drone?, WMFE (2017)

Orlando Leaders Consider New Rules for Drone Flying, WFTV-ABC (2016)

Elena Ferrarin, South Elgin Resident Fights \$50 Drone Citation, DAILYHERALD, Sept. 7, 2016

Future Skies: Drones for Fun and Profit, Metro Center Outlook, WUCF-PBS (2016)

FAA Calls for Drone Registry: How Big a Problem are "Close Calls"?, THE CHRISTIAN SCIENCE MONITOR (2015)

Feds to Require Registration of Drones, FOX35 (2015),

Close Calls Between Drones and Planes, FOX35 (2015)

Drones and Privacy in America NTV Broadcasting (Russia) (2015)

Florida Drone Law, FOX35 Investigates (2015)

Drone Legal Issues and Neighbors Complain of Drones Flying over Winter Park Back Yards, WKMG (Orlando 2015)

What You're Actually Buying When You Buy a Plane Ticket, HUFFINGTON POST (2015)

Does it Pay to Hack Your Airfare, HUFFPOST LIVE (Webcast) (2015)

Civil RICO Action over Spirit Fees Ready to Take Off, DAILY BUSINESS REVIEW (2014)

Drones: The Good Kind, Podcast, THE TOM WOODS SHOW (Podcast) (2014)

What Happens When a Drone Crashes?, FASTCOMPANY (2014)

If I fly Over My Neighbor's House, Is It Trespassing?, THE ATLANTIC (2012)

MEDIA APPEARANCES AND POPULAR PRESS (CONT'D)

Space Commerce, CHINA CENTRAL TELEVISION (2012)

Cancellations and Passenger Rights, NBC UNIVERSAL (2010)

TSA Worker Arrested, NBC UNIVERSAL (2010)

Interview, Airline Passengers' Rights, Miami-Dade Consumer Sense, CABLE-TAP TELEVISION (2007)

China Blocks Takeoff of New Airlines, ASIA TIMES (2007)

Airline Passengers' Bill of Rights: Is It Time to Re-Regulate the Airline Industry with New Customer Protections?, National Public Radio, "The Conversation" KUOW, Seattle, WA (2007)

LEGAL EXPERIENCE

PRECISIONHAWK

General Counsel

Chief legal officer for Canadian-based manufacturer and operator of small unmanned aerial systems ("sUAS") for precision agriculture. Managed successful application to the FAA for one of the first authorizations for commercial drone activity in the United States.

EMPENNAGE CONSULTING LLC

Shareholder

Aviation-exclusive litigation and transactional law practice. See www.empennageconsulting.com.

HUNTON & WILLIAMS, LLP [NOW HUNTON ANDREWS KURTH LLP]

Associate

Acted as first-chair counsel in commercial litigation matters. Awarded the E. Randolph Williams Award for *pro bono* service for prosecuting § 1983 civil rights claims before a federal jury.

MCDERMOTT, WILL & EMERY

Associate, Summer Associate

Defended closely-held and Fortune 500 companies in general civil litigation matters with an emphasis on health care and employment disputes. Second chair in over 1000 national product liability lawsuits against two pharmaceutical companies (*e.g.*, "fen-phen" diet drug litigation).

PROFESSIONAL LEADERSHIP AND PUBLIC SERVICE

AMERICAN BAR ASSOCIATION

House of Delegates, Representative of the Dade County Bar Association

THE FLORIDA BAR

Aviation Law Committee, Chair

Aviation Law Certification Committee, Member

Eleventh Circuit Unlicensed Practice of Law Committee, Member

MIAMI-DADE COUNTY BAR ASSOCIATION

President and CEO

Professionalism Committee, Chair

ACADEMY OF LEGAL STUDIES IN BUSINESS

Member

HONORS AND RECOGNITION (PROFESSIONAL)

Martindale-Hubbell® AV-Rated

Super Lawyers® Florida (2020, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2014, 2012)

Super Lawyers® Florida, Rising Star (2011, 2010, 2009)

Florida Bar Board Certified in Aviation Law (1 of 45 lawyers so designated in Florida)

“Top Up & Comer,” SOUTH FLORIDA LEGAL GUIDE (2008)

“Up & Coming Attorneys” in FLORIDA TREND’S *Florida Legal Elite* (2008)

Torch Award, Florida International University College of Law (2010)

University of Miami Law Alumni Association Leadership Award (2009)

“40 Under 40 Outstanding Lawyers of Miami-Dade County,” The Cystic Fibrosis Foundation

Florida Supreme Court, Voluntary Bar Association Pro Bono Award (2008)

“Put Something Back” Award for Outstanding Pro Bono Contribution (2002)