
BIOGRAPHICAL SKETCH

NAME McDonald, Timothy Brian	POSITION TITLE Chief Patient Safety and Risk Officer, RLDatix
eRA COMMONS USER NAME MCDONALDTI	Professor, Loyola University Chicago Beazley Institute for Health Law and Policy

<i>EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Wabash College, Crawfordsville, IN	A.B.	1979	Chemistry
Indiana University School of Medicine	M.D.	1983	Medicine
Loyola University School of Law, Chicago	J.D.	1997	Law

Personal statement: Timothy McDonald, MD JD, Timothy McDonald, MD JD, is the Chief Patient Safety and Risk Officer for RLDatix and a Professor of Law at Loyola University – Chicago. Tim is a physician-attorney who has assisted more than 800 hospitals and health systems implement a culture of “normalized compassionate honesty” combined with “fair and accountable culture” transformation. His research has focused on conducting patient safety, Just Culture, and high reliability needs assessment/Gap Analysis for organizations along with assisting them in the principled approach to unexpected events with an emphasis on reporting of patient safety events, the use of simulation and human factors analysis, the provision of emotional first aid to affected health care team members and providing open and honest communication following harm events. This approach to unexpected events also includes a commitment to communicate and provide peer support within the health care team and to communicate with patients and families throughout the therapeutic relationship, especially after harm occurs. His federally funded research has focused on all of these domains and their impact on improving the quality of care while mitigating medical liability issues, including the establishment of teaching methodologies for all levels and professions in health care and law – some of his educational work includes the co-production of a series of award-winning Patient Safety Videos entitled “From Tears to Transparency: The Faces of Medical Error”.

He has delivered more than 500 presentations to hospitals and health systems, including presentations to major organizations such as ACHE, IHI, AHA, Patient Safety Movement Foundation, American Society of Anesthesiologists and more.

He has also received numerous national and international Patient Safety awards including the American College of Medical Quality’s Founder’s Award, the Institute of Medicine – Chicago Patient Safety Award, and the Medically Induced Trauma Support Services [MITSS] Hope Award. He has published dozens of articles in high impact peer reviewed journals such as Health Affairs, Health Services Research, and the New England Journal of Medicine. He is an invited TEDx speaker and was recently elected into the American College of Legal Medicine.

A. Positions, Employment and Honors

1983-1986 Pediatric Residency, The Children’s Hospital, Harvard Medical School, Boston

1984-1985 Pediatric Registrar, St Mary's Paddington, London

1986-1988 Anesthesiology Residency, Brigham and Women's Hospital, Harvard Medical School, Boston

1988-1989 Fellowship, Pediatric Anesthesiology and Critical Care, The Children's Hospital, Boston

1989-2000 Assistant Professor, Anesthesiology & Pediatrics, UIC College of Medicine

2000-2004 Associate Professor, Anesthesiology & Pediatrics, UIC College of Medicine

2000-2008 Associate Chief Medical Officer for Safety, Risk Management & Quality, University of Illinois Medical Center at Chicago

2004-2014 Professor, Anesthesiology & Pediatrics, University of Illinois at Chicago, College of Medicine

2008-2014 Chief Safety and Risk Officer for Health Affairs, UIMCC

2009 - present Adjunct Professor, Loyola University, Chicago School of Law

2010 Institute of Medicine, Chicago Recognition Award in Patient Safety

2013 Hope Award from MITSS

2013 – 2016 Professor, Anesthesiology, Weill Cornell Medical College – New York and Qatar

2013 - 2016 Inaugural Chief of Anesthesiology, Sidra Medical and Research Center, Doha, Qatar

2015 - present Lead Faculty, BETA HEART Program, BETA Healthcare Group

2016 - present Board Member, MedStar Institute for Quality and Safety

2016 - present President, Center for Open and Honest Communication, MedStar Institute for Quality and Safety, MedStar Health.

2020 Chief Patient Safety and Risk Officer, RLDatix

Other Experience and Professional Memberships

1983- 2010 Director, Pediatric Anesthesiology, UIMCC

2000- 2014 Chair, Medical Staff Review Board, UIMCC

2002-2004 Alternate Delegate, Illinois Society of Anesthesiologists

2003- 2014 Chair, Safety Committee, UIMCC

2005- 2012 Delegate, Illinois Society of Anesthesiologists

2005-2008 Co-Executive Director, UIC Collaborative for Patient Safety

2006- 2014 Co-Director, Patient Communication Consult Service, UIMCC

2006-2008 Member, Committee on Legal and Legislative Affairs, IL Society of Anesthesiologists

2008- 2010 Member, IL State Medical Society Task Force on Medical Error Disclosure

2008- 2010 Member, Illinois Department of Public Health, Division of Patient Safety, Mandatory Adverse Event Reporting for Health Systems

2008- 2014 Co-Executive Director, UIC Institute for Patient Safety Excellence

2008- 2012 Member, American Society of Anesthesiologists, Committee on Professional Liability

2009- 2010 Member, Technical Expert Panel for AHRQ Project on Consumer Reporting Systems for Patient Safety Incidents

2009- 2012 Member, AHRQ National Advisory Committee Subcommittee on Patient Safety and Medical Liability Reform Demonstrations

2010- 2014 Course Director, Loyola University, Chicago School of Law, Medical Liability and Alternative Dispute in Healthcare

- 2010- 2014 Invited member, Healthcare System Research [HSR] study section review meeting for the Agency for Healthcare Research and Quality (AHRQ).
- 2013 – 2019 Member, Executive Committee and Board for the Collaborative for Accountability and Improvement
- 2015 – present Lead Faculty, BETA Healthcare Group’s BETA HEART project.
- 2016 – present Faculty consultant for Risk Management, Quality and Patient Safety at UCSD Health
- 2023-June Invited TEDxSanDiego speaker
- 2024 – present Fellow, American College of Legal Medicine

B. Selected peer-reviewed publications (in chronological order).

Berkowitz RA, **McDonald TB**. [1997] Post-operative pediatric pain management. *Indian J Pediatr.* 1997 May-Jun;64(3):351-67.

McDonald, T.B.:(1999) Legal and ethical issues in obstetric anesthesia. In: *Obstetric Anesthesiology*, (Birnbach,D/ed) 1999.

Hoffman, W.E., Berkowitz, R.A., **McDonald, T.B.**, Hass, F.: Ultra-rapid opiate detoxification increases spontaneous ventilation. *Journal of Clinical Anesthesia*, 1998; 10: 372-76

Hoffman, W.E., **McDonald, T.B.**, Berkowitz, R.A.: Simultaneous increases in respiration and sympathetic function during opiate detoxification. *Journal of Neurosurgical-anesthesiology*, 1998; 10: 205-10

McDonald, TB, Hoffman, WE, Berkowitz, RA, Cunningham, F, Cooke, B: Heart rate variability and plasma catecholamines in patients during opioid detoxification. *Journal of Neurosurgical Anesthesiology*, 1999; 11: 195-99

McDonald, T, Berkowitz, R, Hoffman, W,: Median frequency is more sensitive to increases in sympathetic activity than bispectral index. *Journal of Neurosurgical Anesthesiology*, 1999; 11: 255-9

McDonald, T, Berkowitz, R, Hoffman, W,; Plasma naltrexone during opioid detoxification. *Journal of Addictive Diseases*, 2000; 19: 59-64

McDonald, T, Hoffman, W, Berkowitz, R: Combining median EEG frequency and sympathetic activity in an index to evaluate opioid detoxification in patients. *Journal of Neurosurgical Anesthesia*, 2001;13: 74-8

Shreeham, SS, **McDonald, T**, Dennison, S.; Psychosis following ultrarapid detoxification from opiates. *American Journal of Psychiatry*, 2001; 158: 970

Djalilian HR, Roy S, Benson AG, Regala C, **McDonald TB**, Leman T. (2005) Transcanal cochlear implantation under monitored anesthesia care. *Otol Neurotol*;26(4):674-7.

McDonald TB, Smith KM, Chamberlin W, Mayer D (2008). Full disclosure is more than saying “I’m Sorry”. *Focus on Patient Safety Newsletter*, National Patient Safety Foundation 11(1).

McDonald TB, Smith KM, Mayer D (2008). Full Disclosure and Residency Education (2008). Resident Learning Opportunities within the context of a Comprehensive Program for Responding to Adverse Patient Events. *ACGME Bulletin*, May 2008.

Gunderson A, Smith KM, Mayer D, **McDonald TB** (2009). Teaching Medical Students the Art of Medical Error

Full Disclosure: Evaluation of a New Curriculum. *Teaching and Learning in Medicine*. April, 2009

Gallagher TH, Bell SK, Smith KM, Mello MM, **McDonald TB** (2009). Disclosing harmful medical errors to patients: tackling three tough cases. *Chest*. 2009 Sep;136(3):897-903.

Helmchen LA, Richards MR, **McDonald TB** (2010). How does routine disclosure of medical error affect patients' propensity to sue and their assessment of provider quality? Evidence from survey data. *Med Care*. 2010 Nov;48(11):995-61.

Barbara G. Jericho, Rosalie F. Tassone, Nikki M. Centomani, Jennifer Clary, Crescent Turner, Michael Sikora, David Mayer, and **Timothy McDonald** (2010). An Assessment of an Educational Intervention on Resident Physician Attitudes, Knowledge, and Skills Related to Adverse Event Reporting. *Journal of Graduate Medical Education*: June 2010, Vol. 2, No. 2, pp. 188-194.

McDonald TB, et al (2010). Responding to Patient Safety Incidents: The Seven Pillars. *Quality and Safety in Health Care*. 2010 Dec;19(6):e11. Epub 2010 Mar 1

Helmchen LA, Richards MR, **McDonald TB** (2011). Successful remediation of patient safety incidents: a tale of two medication errors. *Health Care Manage Rev*. 2011 Apr-Jun;36(2):114-23.

Bell S, Delbanco T, Anderson-Shaw L, **McDonald TB**, Gallagher T (2011). Accountability for Medical Error: Moving Beyond Blame to Advocacy. *Chest*. 2011 Aug; 140(2):519-26.

McDonald, TB (2012). Preventing and Managing Adverse Patients Events: Patient Safety and the Hospitalist *in Principles and Practice of Hospital Medicine*. *McKean et al eds. McGraw Hill pp 227 -232*.

Boike JR, Bortman JS, Radosta JM, Turner CL, Anderson-Shaw L, Centomani NM, Chamberlin WH, Mayer D, **McDonald T**, Goldstein JL. Patient safety event reporting expectation: does it influence residents' attitudes and reporting behaviors. *J Patient Saf*. 2013 Jun;9(2):59-67. doi: 10.1097/PTS.0b013e3182676e53.

Munro JL, DiPompeo CM, Kress NE, **McDonald TB**. Continuity of care in the training environment: Anesthesiology Residency in the Ambulatory Surgery Setting. *J Grad Med Educ*. 2014 Sep;6(3):512-6. doi: 10.4300/JGME-D-13-00278.1.

Mello MM, Boothman RC, **McDonald T**, Driver J, Lembitz A, Bouwmeester D, Dunlap B, Gallagher T. Communication and Resolution programs: the challenges and lessons learned from six early adopters. *Health Aff (Millwood)*. 2014 Jan;33(1):20-9. doi: 10.1377/hlthaff.2013.0828.

Sage WM, Gallagher TH, Armstrong S, Cohn JS, **McDonald T**, Gale J, Woodward AC, Mello MM. How policy makers can smooth the way for communication and resolution programs. *Health Aff (Millwood)*. 2014 Jan;33(1):11-9. doi: 10.1377/hlthaff.2013.0930.

Lambert BL, Centomani NM, Smith KM, Helmchen LA, Bhaumik DK, Jalundhwala YJ, **McDonald TB**. The "Seven Pillars" Response to Patient Safety Incidents: Effects on Medical Liability Processes and Outcomes. *Health Serv Res*. 2016 Dec;51 Suppl 3:2491-2515. doi: 10.1111/1475-6773.12548

Helmchen LA, Lambert BL, **McDonald TB**. Changes in Physician Practice Patterns after Implementation of a Communication-and-Resolution Program. *Health Serv Res*. 2016 Dec;51 Suppl 3:2516-2536. doi: 10.1111/1475-6773.12610

Wu AW¹, McCay L, Levinson W, Iedema R, Wallace G, Boyle DJ, **McDonald TB**, Bismark MM, Kraman SS, Forbes E, Conway JB, Gallagher TH. Disclosing Adverse Events to Patients: International Norms and Trends. *J Patient*

Saf. 2017 Mar;13(1):43-49. doi: 10.1097

McDonald TB, Van Niel M, Gocke H, Tarnow D, Hatlie M, Gallagher TH. Implementing Communication and Resolution Programs: Lessons Learned From The First 200 Hospitals. J Patient Safety and Risk Management, 2018 April; 23(2): 73-78.

Shapiro J, **McDonald TB**. Supporting Clinicians during Covid-19 and Beyond - Learning from Past Failures and Envisioning New Strategies. N Engl J Med. 2020 Dec 31;383(27):e142. doi: 10.1056/NEJMp2024834. Epub 2020 Oct 14. PMID: 33053277.

Samuels A, **McDonald T** et al. Improving self-reported empathy and communication skills through harm in healthcare response training. Journal of Patient Safety and Risk Management. 2021 October 21; 26, Issue 6, <https://doi.org/10.1177/2516043521110476>.

McDonald T, Tarnow D. How to Empathically and Honestly Communicate After Harm: Best practices of empathic communication to support staff while mitigating risk. In Workplace Wellness: From Resiliency to Suicide Prevention. Eds Davidson & Richardson. 2023. ISBN 978-3-031-16982-3. [In print].

C. Research Support.

Date of Submission	Role of Candidate	Agency	Title of Proposal	Funding Period
November 2007	Collaborator	The Portes Fund	Resident Hand-off Training in the ICU \$30,000	January – December 2008
June 2007	Collaborator	Anesthesia Patient Safety Foundation	Anesthesia Resident Hand-Off Training to Improve Patient Safety \$40,000	October 2007- June 2008
March 2008	Consultant	Colorado Healthcare Foundation	Resident Training and Medical Error Full Disclosure: Achieving Core Competencies in Professionalism and Patient Centered Care during Resident Training \$300,000	July 2008 – June 2010
October 2009	Co-Investigator	US Department of Education FIPSE Grant	Disseminating a Patient Safety Curriculum (DED P116V090005) \$298,897	October 2009- September 30, 2011
January 2010	Principal Investigator	AHRQ	AHRQ - R18 HS19565-01, The Seven Pillars: Crossing the Patient Safety-Medical Liability Chasm; \$3,000,000	July 2010-2013

Date of Submission	Role of Candidate	Agency	Title of Proposal	Funding Period
March 2011	Co-Investigator	AHRQ	1U19HSO210930-01 [Lambert] Tools for Optimizing Medication and Patient Safety; \$4,000,000	September 2011 – 2016
September, 2013	A Lead Architect of Toolkit	AHRQ thru AHA/HRET task order	AHRQ Task Order – Communication and Optimal Resolution toolkit creation \$4,000,000	September 2013 – September 2015 Toolkit released May, 2016
April, 2018	Senior Project Advisor	Clarkson and Daley Ullem Foundations	Development and Dissemination of CRP Metrics \$250,000	April 2018 – August 2019