



Department/School: Department of Medicine 1 November 2021

CURRICULUM VITAE

NAME:

DOWLATSHAHI, Dar, MD, PhD, FRCPC, FAHA
Professor of Medicine, University of Ottawa
Department of Medicine Clinician-Scientist Chair
Senior Scientist, Ottawa Hospital Research Institute
Scientific Director, Ottawa Stroke Research Group
Stroke Neurologist, Ottawa Hospital
Vice Chair Research, Ottawa Hospital



<http://www.ohri.ca/profile/ddowlatshahi>

DEGREES AND CREDENTIALS:

Degrees:

2010	Fellowship Stroke, University of Ottawa, Ontario, Canada
2010	Fellowship Royal College Clinician Investigator Program, University of Ottawa, Ontario, Canada
2009	Fellowship Stroke, The University of Calgary, Alberta, Canada
2008	FRCPC Adult Neurology Residency, University of Ottawa, Ontario, Canada
2003	MD, McMaster University, Ontario, Canada
2003	PhD Medical Sciences (Neurosciences), McMaster University, Ontario, Canada
1997	BSc Combined Biology and Psychology, McMaster University, Ontario, Canada

Credentials:

Fellow of the American Heart Association (FAHA), from October 2019
Independent Medical License, College of Physicians & Surgeons of Ontario, from July 2009
FRCPC, Neurology, Royal College of Physicians and Surgeons of Canada, from June 2008
LMCC, Medical Council of Canada, Ontario, from November 2004

Continuous Professional Development

Unconscious Bias in Medicine, Stanford University (online), August 2020 -
Crucial Conversations, University of Ottawa, Ontario, Canada, May 2017 - May 2017
Managing People Effectively, Joule/Canadian Medical Association, September 2016 - September 2016
Physician Mentorship Training Program, University of Ottawa, Ontario, Canada, April 2016 - April 2016
Academic Leadership Course, University of Ottawa, Ontario, Canada, January 2016 - June 2016
Developing Professionalism in our Learners, University of Ottawa, Ontario, Canada, December 2014 - December 2014
Clinical Research Training, Health Canada Division 5 Certification (September 2013 -)
ICH-GCP International Conference on Harmonisation of Technical Requirements for Registration of Pharmaceuticals for Human Use/Good Clinical Practice certification (September 2011 -)

EMPLOYMENT HISTORY:**Academic Work Experience:**

- 2021 – present Professor, Medicine, University of Ottawa, Ontario, Canada
- 2019 – present Vice Chair (Research), Department of Medicine, University of Ottawa, Ontario, Canada
- 2019 – present Senior Scientist, Neurosciences Program, Ottawa Hospital Research Institute, Ontario, Canada
- 2012 – present Member, Faculty of Graduate and Post-doctoral Studies, University of Ottawa, Ontario, Canada
- 2011 – present Cross-appointment, Department of Epidemiology and Public Health, University of Ottawa, Ontario, Canada
- 2010 – present Consultant Neurologist, Department of Medicine, The Ottawa Hospital, Ontario, Canada
- 2016 – 2021 Associate Professor, Medicine, University of Ottawa, Ontario, Canada
- 2013 – 2019 Scientist, Neurosciences, Ottawa Hospital Research Institute, Ontario, Canada
- 2010 – 2016 Assistant Professor, Department of Medicine (Neurology), University of Ottawa, Ontario, Canada
- 2010 – 2013 Associate Scientist, Neurosciences, Ottawa Hospital Research Institute, Ontario, Canada
- 2003 – 2008 Neurology Resident, Medicine, University of Ottawa, Ontario, Canada
- 1999 – 2000 Teaching Assistant, Faculty of Health Sciences, McMaster University, Ontario, Canada
- 1997 – 1998 Teaching Assistant, Faculty of Health Sciences, McMaster University, Ontario, Canada
- 1997 – 1997 Research Assistant, Faculty of Health Sciences, McMaster University, Ontario, Canada
- 1996 – 1997 Teaching Assistant, Psychology, Faculty of Science, McMaster University, Ontario, Canada

HONOURS:

- 2020 Mentor of the Year, Clinical, Faculty of Medicine Awards of Excellence, The University of Ottawa Faculty of Medicine
- 2018 Provincial Innovation Award (e-Health, Technology, and Monitoring Excellence), “Recover Now: Mobile Tablet-based Stroke Rehabilitation in Acute Care Setting”, Innovation Fund Provincial Oversight Committee
- 2018 The Ottawa Hospital Research Excellence Team Award, Ottawa Hospital, Ontario, Canada
- 2018 Heart & Stroke Foundation of Canada Clinician-Scientist Award, Heart and Stroke Foundation of Canada, Ontario, Canada
- 2017 Department of Medicine Mentorship Award, University of Ottawa, Ontario, Canada
- 2016 Guardian Angel Award for clinical care, The Ottawa Hospital, Ontario, Canada
- 2016 Ministry of Research and Innovation Ontario Early Researcher Award
- 2015 Guardian Angel Award for clinical care, Ottawa Hospital - Civic Campus, Ontario, Canada
- 2014 Clinician-Scientist Chair Award, Tier 2, University of Ottawa, Ontario, Canada
- 2013 New Investigator Award, Heart and Stroke Foundation of Canada, Ontario, Canada
- 2013 Junior Investigator Travel Award, International Stroke Conference, American Heart Association
- 2012 Junior Investigator Conference Travel Award, American Heart Association
- 2009 Guardian Angel Award for clinical care, The Ottawa Hospital, Ontario, Canada
- 2007 Resident Research Day Award, University of Ottawa, Ontario, Canada
- 2007 Certificate of Teaching Excellence, University of Ottawa, Ontario, Canada
- 2004 Resident Research Day Award, University of Ottawa, Ontario, Canada
- 2001 Richard and Mary Pelling Research Scholarship, Hamilton Health Sciences Corporation, Ontario, Canada
- 2001 CIHR-Burrows-Welcome Award, Canadian Institutes of Health Research, Ontario, Canada

SCHOLARLY and PROFESSIONAL ACTIVITIES:**Editorial Activities**

2015 – present Editorial board, International Journal of Stroke (IF=4.5)
 2019 – 2021 Editorial Board Member, Frontiers in Neurology (IF=2.6)

Journal Review Activities

Annals of the New York Academy of Sciences (2014)
 Asian Biomedicine (2012)
 Biological Research Nursing (2014)
 British Medical Journal (2014)
 Canadian Journal of Neurological Sciences (2015-2021:4)
 Cardiovascular & Hematological Disorders (2009)
 Cerebrovascular Diseases (2015-16: 3)
 Clinical Investigative Medicine (2011-14: 3)
 Critical Care (2013)
 European Journal of Neurology (2012)
 Expert Review of Neurotherapeutics (2002-15: 2)
 Frontiers in Neurology (2019-2021:2)
 Heliyon (2019)
 International Journal of Computer Assisted Radiology and Surgery (2012-13: 2)
 International Journal of Stroke (2011-21: 16)
 ISNR Stroke (2012-19: 11)
 JAMA Neurology (2017-18: 2)
 Journal of American Heart Association (2015-18: 3)
 Journal of the American College of Cardiology (2018)
 Journal of Medicine and Medical Sciences (2010)
 Journal of Neurologic Sciences (2014)
 Journal of Neurology, Neurosurgery and Psychiatry (2018-21:2)
 Journal of Thrombosis and Hematology (2018)
 Journal of Thrombosis Research (2018)
 Neurological Research (2011-12: 3)
 Neurology (2011-21: 7)
 PLoS One (2013-19: 5)
 Thombosis and Hemostasis (2013)
 Stroke (2012-21: 17)

Conference Review Activities

2017 – present Abstract reviewer (ongoing), European Stroke Organization Conference
 2016 – present Abstract reviewer (ongoing), American Heart Association Fall Scientific Sessions
 2012 – present Abstract reviewer (ongoing), American Heart Association International Stroke Conference
 2018 – 2018 Abstract reviewer, World Stroke Organization, Editorial Committee
 2017 – 2019 Abstract reviewer, Canadian Stroke Congress

Research Funding Application Assessment Activities**International:**

- 2020 External Reviewer, Scientific review committee, Swiss National Science Foundation
 2020 External Reviewer, Scientific review committee, Health Research Council of New Zealand
 2016 – 2018 Committee Member, Scientific review committee, National Institutes of Health, Maryland, USA
 2016 – 2016 Committee Member, Scientific review committee, United Kingdom Medical Research Council
 2015 – 2015 Committee Member, Scientific review committee, United Kingdom Stroke Association

National:

- 2018 – 2020 Committee Member, Scientific review committee (Grant-in-aid), Heart and Stroke Foundation of Canada, Ontario
 2010 – 2016 Committee Member, Scientific review committee (Grant-in-aid), Heart and Stroke Foundation of Canada, Ontario

Local:

- 2017 – 2017 Committee Member, Scientific review committee (UMRF), Institute of Mental Health Research, Ontario

Promotion Tenure Assessment Activities

- 2021 – present Member, Departmental Teaching Personnel Committee
 2017 – 2019 Reviewer, Ottawa Hospital Research Institute

International Collaboration Activities

- 2018 – present National Lead (Canada) and steering committee, Edoxaban for IntraCranial Hemorrhage Survivors With Atrial Fibrillation (ENRICH-AF) (NCT03950076)
 2018 – present National Lead (Canada) and steering committee, Recombinant Factor VIIa (rFVIIa) for Hemorrhagic Stroke Trial (FASTEST), 6 Countries (clinicaltrials.gov NCT03496883)
 2017 – present Chair, TEMPO-2 adverse event adjudication committee, Randomized clinical trial of stroke thrombolysis, currently 5 countries (clinicaltrials.gov NCT02398656)
 2017 – present Steering committee and site PI, NASPAF ICH clinical trial, Randomized control trial of anticoagulation on patients with prior ICH (clinicaltrials.gov NCT02998905)
 2016 – present Site PI, CPASS stroke study, Safety study of dabigatran in acute stroke (NCT02415855)
 2013 – present Chair, INTERRSeCT publication committee, Prospective 5-country acute stroke registry
 2013 – present Steering committee and site PI, ESCAPE and ESCAPE-NA1 clinical trials, Randomized clinical trials of endovascular thrombectomy in acute stroke (NCT01778335 and NCT02930018)
 2012 – present Site PI, ICHADAPT and ICHADAPT2 clinical trials, Randomized control trial of BP lowering in acute ICH (NCT00963976 and NCT02281838)
 2012 – present Steering committee and Site PI, TEMPO-1 and TEMPO-2 clinical trials, Clinical trials of thrombolysis with TNK for minor stroke (NCT01654445 and NCT02398656)
 2011 – present Chair, PREDICT publication committee, Prospective 6-county intracerebral hemorrhage imaging collaboration
 2015 – 2018 Site PI, FactorX ICH clinical trial, Dose escalation phase 2 trial for ICH treatment (NCT02687191)
 2011 – 2019 Steering committee and Site PI, SPOTLIGHT clinical trial, ICH therapy clinical trial (NCT01359202)

MEMBERSHIPS**Committee Memberships****International:**

- 2020 – present Writing Group Member, *2022 Guidelines for the Management of ICH*, American Heart Association
- 2015 – present Committee Member, *Research Committee*, World Stroke Organization
- 2017 – present Committee Member, *Early Career Investigators Trials course curriculum*, World Stroke Organization
- 2017 – 2018 Committee Member, *International Stroke Conference course curriculum*, American Heart Association
- 2014 – 2018 Committee Member, *Young Stroke Professional Committee*, World Stroke Organization

National:

- 2021 – present Vice Chair, Canadian Stroke Consortium
- 2019 – present Member, *Board of Directors*, Canadian Stroke Consortium
- 2017 – 2018 Chair, *Publications Committee*, Ontario Neurodegenerative Diseases Research Initiative
- 2017 – 2021 Committee Member, *Scientific Review Committee*, Canadian Stroke Congress
- 2015 – present Committee Member, *Stroke in Pregnancy Workgroup, Canadian Stroke Best Practice Recommendations*, Heart and Stroke Foundation of Canada, Canada, Ontario
- 2015 – present Chair, *Operational Lead of Updates, Canadian Stroke Best Practice Recommendations*, Heart and Stroke Foundation of Canada, Canada, Ontario
- 2013 – present Committee Member, *Advisory Committee, Canadian Stroke Best Practice Recommendations*, Heart and Stroke Foundation of Canada, Canada, Ontario
- 2013 – present Committee Member, *Prothrombin-complex concentrate working group, National Advisory Council on Blood and Blood Products*, Canadian Blood Services, Canada, Ontario
- 2013 – 2015 Chair, *Membership & Credentials Committee*, Canadian Stroke Consortium
- 2012 – 2012 Committee Member, *External Review Committee, Canadian Stroke Best Practice Recommendations*
- 2012 – 2012 Chair, *Canadian Neurological Sciences Federation, Course Chair (Stroke)*, Canadian Neurological Sciences Federation
- 2011 – 2014 Committee Member, *Programming Committee, CIHR Institute of Circulatory and Respiratory Health Young Investigator Forum*
- 2009 – present Committee Member, *Research & Development Committee*, Canadian Stroke Consortium
- 2009 – 2013 Committee Member, *Membership Committee*, Canadian Stroke Consortium

Local:

- 2020 – present Committee Member, *COVID clinical research taskforce*, Ottawa Hospital Research Institute
- 2019 – present Vice Chair Research, *Department of Medicine executive committee*, University of Ottawa
- 2019 – present Committee Member, *Senior Management Committee*, Ottawa Hospital Research Institute
- 2019 – present Committee Member, *Clinical Research Governance Committee*, Ottawa Hospital Research Institute
- 2017 – present Committee Member, *Division of Neurology Executive, Department of Medicine, University of Ottawa*
- 2017 – present Chair, *Publications Committee*, Ontario Neurodegenerative Diseases Research Initiative
- 2011 – 2019 Committee Member, *Research Advisory Committee, Department of Medicine, University of Ottawa*
- 2015 – 2016 Chair, *Department of Medicine Clinical Research Infrastructure Working Team*, The Ottawa Hospital, Canada, Ontario
- 2015 – 2015 Committee Member, *Department of Medicine Research Repository Team*, The Ottawa Hospital, Canada, Ontario
- 2012 – 2012 Committee Member, *Chief/Chair Recruitment and Selection Committee, Division of Neurology, University of Ottawa*, University of Ottawa, Canada, Ontario
- 2009 – 2010 Committee Member, *Clinical-Investigator Program committee, University of Ottawa*, University of Ottawa, Canada, Ontario

LIFETIME FUNDING:

- Total amount of funding received \$43,155,715.00
 As Principal Investigator \$2,951,343.00

EXTERNAL RESEARCH FUNDING:

Date(s)	Source	Type	Investigator	Amount
2021/4 - 2022/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Feasibility of Advanced Consent for ParticipaTION in Acute Stroke Trials (ACTION) <u>Program:</u> Project Grant - Priority Announcement: Patient- Oriented Research	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-Principal <u>Principal Investigator:</u> Michel Shamy	Funding Total: \$100,000 (\$100,000 received)
2021/3 - 2027/3	New Frontiers in Research Fund <u>Title:</u> A pilot study of Hyperacute mEchAnical endoscopic Minimally invasive surgical intracranial hemorrhage Evacuation (HEALME) <u>Program:</u> Exploration	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-Principal <u>Principal Applicant:</u> Aviv, Richard	Funding Total: \$250,000 (\$250,000 received)
2019/4 - 2024/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Canadian Study of Arterial Inflammation in Diabetes and the EvaluatioN of Canakinumab Effectiveness - CADENCE <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Beanlands, Rob	Funding Total: \$504,900
2018/9 - 2020/3	HSF Canadian Partnership for Stroke Recovery (CPSR) <u>Title:</u> Validating the English Version of the Language Screening Test (LASTen) for Aphasia: Post-stroke diagnostic accuracy and acute stage aphasia outcomes <u>Program:</u>	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Flowers, Heather	Funding Total: \$49,500

Date(s)	Source	Type	Investigator	Amount
	Catalyst Grant			
2018/7 - 2021/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> RecoverNow: early tablet-based speech therapy for post stroke aphasia <u>Program:</u> Grant-in-Aid	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$290,899 (\$290,899 received)
2018/7 - 2021/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> RecoverNow: Early mobile tablet-based speech therapy for post-stroke aphasia. <u>Program:</u> Clinician Scientist Award (Phase 2)	<u>Type:</u> Research Chair	<u>My Role:</u> Principal Investigator	Funding Total: \$240,000
2018/4 - 2023/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> TEMPO-2 - A randomized controlled trial of TNK-tPA versus standard of care for minor ischemic stroke with proven occlusion. <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Shelagh Coutts	Funding Total: \$1,992,825
2018/4 - 2020/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> SECRET: Study of rivaroxaban for CeREbral venous Thrombosis <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Field, Thalia Shoshana	Funding Total: \$191,250
2017/10 - 2018/9	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Engaging Persons with cerebral venous thrombosis for meaningful Outcomes and peER support (EmPOWER) <u>Program:</u>	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Field, Thalia Shoshana	Funding Total: \$10,250

Date(s)	Source	Type	Investigator	Amount
	Planning and Dissemination			
2017/8 - 2018/3	Heart & Stroke Foundaton Canadian Partnership for Stroke Recovery <u>Title:</u> protocol development for SMASHIS stem cell clinical trial <u>Program:</u> .	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Principal Investigator	Funding Total: \$15,000 (\$15,000 received)
2017/4 - 2022/3	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Aneurysmal Subarachnoid Hemorrhage Red Blood Cell Transfusion and Outcome (SAHaRA):A Randomized Controlled Trial <u>Program:</u> Project Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> English, Shane	Funding Total: \$1,384,650
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> RecoverNow: Bringing Rehabilitation to the acute care setting <u>Program:</u> Collaborative Network Grant	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Principal Investigator	Funding Total: \$29,840
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> Canadian Hemorrhagic Stroke trials Initiative <u>Program:</u> Collaborative Network Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Ashkan Shoamanesh	Funding Total: \$30,167
2017/4 - 2019/3	CaSTOR/CIHR <u>Title:</u> Canadian Platform for Non-invasive Brain Stimulation <u>Program:</u> Collaborative Newtork Grant	<u>Type:</u> Grant <u>Purpose:</u> Establishment	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Alex Thiel	Funding Total: \$31,500
2017/4 - 2018/3	Canadian Institutes of Health Research (CIHR)	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator	Funding Total: \$100,000

Date(s)	Source	Type	Investigator	Amount
	<p><u>Title:</u> TEMPO-2 - A randomized controlled trial of TNK-tPA versus standard of care for minor ischemic stroke with proven occlusion (bridge funding)</p> <p><u>Program:</u> Project Grant</p>	<p><u>Purpose:</u> Operating</p>	<p><u>Principal Investigator:</u> Shelagh Coutts</p>	
2016/4 - 2019/3	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> Extension of Stroke Care by Added neuroProtection to Endovascular treatment (ESCAPE-NA1)</p> <p><u>Program:</u> Operating Grant</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-investigator</p> <p><u>Principal Investigator:</u> Hill, Michael</p>	Funding Total: \$2,148,245
2016/4 - 2017/3	<p>Canadian Partnership for Stroke Recovery</p> <p><u>Title:</u> Recover Now</p> <p><u>Program:</u> Seed funding</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	Funding Total: \$70,000
2016/3 - 2022/3	<p>Ministry of Research and Innovation (MRI) (Ontario)</p> <p><u>Title:</u> Healthcare utilization for NOAC-related hemorrhages</p> <p><u>Program:</u> Early Researcher Award</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	Funding Total: \$150,000
2015/10 - 2019/9	<p>Canadian Institutes of Health Research (CIHR)</p> <p><u>Title:</u> Aneurysmal SubArachnoid Hemorrhage - Red Blood Cell Transfusion And Outcome (SAHaRA): a Pilot Randomized Controlled Trial</p> <p><u>Program:</u> Operating Grant: Priority Announcement - Transfusion Science funding opportunity.</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-investigator</p> <p><u>Principal Investigator:</u> English, Shane</p>	Funding Total: \$157,172

Date(s)	Source	Type	Investigator	Amount
2015/6 - 2019/5	Canadian Institutes of Health Research (CIHR) <u>Title:</u> DOC-Utility: Simple screening of Depression, Obstructive sleep apnea and Cognitive impairment to Identify Stroke Clinic Patients at Risk of Adverse Outcomes. <u>Program:</u> Operating Grant	<u>Type:</u> Grant	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Rick Swartz	Funding Total: \$725,535
2015/4 - 2016/3	Canadian Partnership for Stroke Recovery <u>Title:</u> iRecover pilot: An iPad cognitive-behavioural therapy intervention to detect and treat post-stroke depression in the acute care setting <u>Program:</u> Catalyst Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$50,000
2015/1 - 2017/12	The Champlain Regional Stroke Network, Rehab Network of Champlain <u>Title:</u> TeleRehab for Patients with Post Stroke Communication Deficits using Mobile Technology <u>Program:</u> .	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Karen Mallet	Funding Total: \$56,000
2014/7 - 2019/6	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Canadian Stroke Organization for Clinical Research (CaSTOR) <u>Program:</u> ICRH Community Development Program Grants - Stroke Clinical Trials	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Co-investigator:</u> BARBER, Philip A., BLACK, Sandra E., BUTCHER, Kenneth S., CASAUBON, Leanne K., CORBETT, Dale R., COUTTS, Shelagh B., DOWLATSHAHI, Dariush., 15 MORE <u>Principal Investigator:</u> DEMCHUK, Andrew M, HILL, Michael D;	Funding Total: \$1,500,000

Date(s)	Source	Type	Investigator	Amount
2014/7 - 2017/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> Predicting early intracerebral hemorrhage expansion using the dynamic CTA spot sign (renewal) <u>Program:</u> Grant in aid	<u>Type:</u> Grant	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Santanu Chakraborty	Funding Total: \$159,000
2013/7 - 2018/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> New Investigator Award <u>Program:</u> New Investigator Award	<u>Type:</u> Research Chair	<u>My Role:</u> Principal Investigator	Funding Total: \$300,000
2013/4 - 2018/3	Ontario Brain Institute <u>Title:</u> Neurodegeneration Integrated Discovery Program <u>Program:</u> Neurodegeneration Integrated Discovery Program	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Michael Strong	Funding Total: \$28,500,000
2013/3 - 2016/2	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Evaluation of Blood Product Utilization, Healthcare Resource Consumption and Patient Outcomes in Novel Oral Anticoagulant-related Hemorrhage. <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Ana Johnson, Sam Schulman <u>Co-investigator:</u> Anne Holbrook, Antonio Giulivi, Chris Simpson, Nancy Heddle, Philip Wells	Funding Total: \$304,604
2012/7 - 2015/6	Canadian Institutes of Health Research (CIHR) <u>Title:</u> Identifying new approaches to optimize thrombus characterization for predicting early recanalization and reperfusion with iv tPA. <u>Program:</u>	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Principal Investigator:</u> Demchuk, Andrew	Funding Total: \$337,350

Date(s)	Source	Type	Investigator	Amount
	Operating grant			
2012/7 - 2014/6	Heart and Stroke Foundation of Canada (HSFC) <u>Title:</u> Predicting early intracerebral hemorrhage expansion using the dynamic CTA spot sign <u>Program:</u> Grant in aid	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Santanu Chakraborty <u>Co-investigator:</u> Andrew Demchuk, Franco Momoli, Grant Stotts, Matt Hogan, Mukul Sharma, Richard Aviv	Funding Total: \$96,000
2011/3 - 2012/3	J.P. Bickell Foundation <u>Title:</u> A multimodal neuro-imaging registry for intracerebral hemorrhage <u>Program:</u> Research Fund	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$65,000
2010/9 - 2015/8	Canadian Institutes of Health Research (CIHR) <u>Title:</u> "Spot Sign" Selection of Intracerebral Hemorrhage to Guide Hemostatic Therapy (SPOTLIGHT): A Randomized Controlled Trial <u>Program:</u> Operating Grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Co-investigator <u>Co-investigator:</u> Andrew Demchuk, Richard Aviv <u>Principal Investigator:</u> Gladstone, David	Funding Total: \$1,708,141
2008/7 - 2010/7	Canadian Institutes of Health Research (CIHR) <u>Title:</u> CIHR Fellowship award <u>Program:</u> Clinical Research Fellowship Award	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: \$110,000
1999/9 - 2000/9	NSERC <u>Title:</u> NSERC Graduate scholarship <u>Program:</u> NSERC PGS-B scholarship	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: \$20,000
1998/9 - 1999/9	MRC	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: \$14,000

Date(s)	Source	Type	Investigator	Amount
	<p><u>Title:</u> Graduate Research Award in Pharmacology</p> <p><u>Program:</u> PMAC-HRF/MRC Graduate Award in Pharmacology</p>			

INTERNAL RESEARCH FUNDING:

Date(s)	Source	Type	Investigator	Amount
2021/4 - 2022/4	<p>University of Ottawa Brain and Mind</p> <p><u>Title:</u> A pilot study of Hyperacute mEchAnical endoscopic Minimally invasive surgical (MIS) intracranial hemorrhage Evacuation (HEALME)</p> <p><u>Program:</u> uOBMRI Team Grant</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Co-Principal</p> <p><u>Principal Investigator:</u> Aviv, Richard</p>	<p>Funding Total: \$100,000</p> <p>(\$100,000 received)</p>
2019/1 - 2024/12	<p>University of Ottawa Brain and Mind</p> <p><u>Title:</u> uOBMRI-Stroke Research Consortium: Clinical Research Chair Support Grant</p> <p><u>Program:</u> UOBMIR - Stroke Research Consortium Research Chair</p>	<p><u>Type:</u> Research Chair</p>	<p><u>My Role:</u> Principal Applicant</p>	<p>Funding Total: \$50,000</p>
2015/1 - 2017/12	<p>The Ottawa Hospital Academic Medical Organization</p> <p><u>Title:</u> Bringing stroke rehabilitation to the acute care patient</p> <p><u>Program:</u> Innovation Fund</p>	<p><u>Type:</u> Grant</p> <p><u>Purpose:</u> Operating</p>	<p><u>My Role:</u> Principal Investigator</p>	<p>Funding Total: \$100,000</p> <p>(\$100,000 received)</p>
2015/1 - 2016/12	<p>Department of Medicine, The Ottawa Hospital</p> <p><u>Title:</u> Prospective evaluation of intraluminal internal carotid artery free-floating thrombus: a pilot feasibility study.</p> <p><u>Program:</u></p>	<p><u>Type:</u> Grant</p>	<p><u>My Role:</u> Principal Applicant</p> <p><u>Co-applicant:</u> Cheemun Lum</p> <p><u>Co-investigators:</u> Carlos Torres, Dana Iancu, Franco Momoli, Rebecca</p>	<p>Funding Total: \$49,000</p>

Date(s)	Source	Type	Investigator	Amount
	Developmental Research Grant		Thornhill	
2014/7 - 2017/6	University of Ottawa Brain & Mind Institute <u>Title:</u> Early interventional rehabilitation care for stroke <u>Program:</u> Operating grant	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator	Funding Total: \$210,000
2014/1 - 2018/12	University of Ottawa <u>Title:</u> Department of Medicine Clinician-Scientist Chair, New Investigator Award, Tier 2 <u>Program:</u> Department of Medicine Salary Award	<u>Type:</u> Research Chair	<u>My Role:</u> Principal Investigator	Funding Total: \$750,000
2012/1 - 2014/12	University of Ottawa <u>Title:</u> Clinical Outcomes Following Parafascicular Surgical Evacuation of Intracerebral Hemorrhage: MiSpace Pilot Study (NCT 01920763) <u>Program:</u> Department of Medicine	<u>Type:</u> Grant	<u>My Role:</u> Principal Investigator	Funding Total: \$35,000
2011/6 - 2013/6	University of Ottawa <u>Title:</u> Feasibility of measuring dynamic CTA spot sign in acute intracerebral hemorrhage: a pilot study. <u>Program:</u> Department of Medicine Research Award for Feasibility Study	<u>Type:</u> Grant <u>Purpose:</u> Operating	<u>My Role:</u> Principal Investigator <u>Co-applicant:</u> Santanu Chakraborty	Funding Total: \$30,000
2008/7 - 2010/7	University of Ottawa <u>Title:</u> University of Ottawa Research Fellowship Award <u>Program:</u> Fellowship Award for New Faculty	<u>Type:</u> Fellowship	<u>My Role:</u> Principal Applicant	Funding Total: \$40,000

CONTRIBUTIONS:**Life-time summary count according to the following categories:**

Refereed Journal Articles	210
Conference Publications	108
Non-Refereed Journal Articles And Collaboration Publications.....	10
Intellectual Properties	2
Invited Presentations	
International Events.....	75
National Events.....	63
Local	26
Other Contributions	24

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Research Type: Clinical Research
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Research Type: Clinical Research

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Research Type: Clinical Research

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INVITED PRESENTATIONS:**International Events**

75. Lecture. (2021, August). "Spontaneous ICH: restarting antithrombotics". Indian Stroke Association, virtual.
74. Moderator. (2021, April). "Advances in minor stroke/TIA". World Stroke Academy, World Stroke Organization, virtual.
73. Lecture. (2019, June). "Conscious sedation during thrombectomy". 5T Endovascular Conference, Banff, Alberta, Canada.
72. Lecture. (2019, May). "Hematoma Expansion". 7th World ICH conference, Granada, Spain.
71. Lecture. (2018). "Imaging After 6 Hours from Stroke Onset". 5T Endovascular conference, Banff, Canada.
70. Workshops and/or Round Tables. (2018). "Early Career Investigator Workshop", 11th World Stroke Congress, World Stroke Organization, Montreal, Canada.
69. Lecture. (2018, January). "Role of Reversal Agents". International Stroke Conference, Los Angeles, United States.
68. Lecture. (2017, May). "Imaging acute ICH". 3rd European Stroke Organization Conference, Stroke Course, Prague, Czech Republic.
67. Lecture. (2017, May). "Intracerebral hemorrhage". 3rd European Stroke Organization Conference, Prague, Czech Republic.
66. Lecture. (2016, October). "How to prevent intracerebral hemorrhage expansion". 10th World Stroke Congress Stroke Course, Hyderabad, India.
65. Lecture. (2016, October). "Early career development: combining clinical and research". 10th World Stroke Congress, Hyderabad, India.
64. Lecture. (2016, October). "Rare causes of Intracerebral Hemorrhage". 10th World Stroke Conference, Hyderabad, India.
63. Lecture. (2015). "Hematoma expansion in intracerebral hemorrhage". University of California San Diego Grand Rounds, San Diego, USA, San Diego, United States.
62. Lecture. (2014). "Intracerebral hemorrhage: early vs late spot sign". 9th World Stroke Congress Course, Turkey.
61. Lecture. (2014). "Managing coagulation in severe stroke". 9th World Stroke Congress, Istanbul, Turkey.

National Events

63. Workshop. (2021, March). "Challenging cases in ICH". Canadian Stroke Consortium National Residents Stroke Course, virtual.
62. Lecture. (2021, February). "Management of Intracerebral Hemorrhage". National Neurosurgery Review Course, Ottawa, Canada.
61. Lecture. (2020, February). "Management of Intracerebral Hemorrhage". National Neurosurgery Review Course, Ottawa, Canada.
60. Debate. (2019, October). "Anticoagulation after ICH". Canadian Stroke Conference, Ottawa, Canada.
59. Lecture. (2019, October). "Intracerebral hemorrhage expansion". University of Toronto, City Wide Neurology Grand rounds, Toronto, Canada.
58. Lecture. (2019, October). "Update in hematoma expansion". Annual COHESIVE meeting, Ottawa, Canada.
57. Lecture. (2019, May). "Intracerebral Hemorrhage". Kingston General Hospital Grand Rounds, Kingston, Canada.
56. Lecture. (2019, May). "Intracerebral Hemorrhage". Health Sciences North 1st Annual Cerebrovascular and Cardiovascular Conference, Sudbury, Canada.
55. Lecture. (2019, February). "Management of Intracerebral Hemorrhage". National Neurosurgery Review Course, Ottawa, Canada.

54. Lecture. (2018). "Intracerebral Hemorrhage". Annual Neurosurgery Review Course, Ottawa, Canada.
53. Lecture. (2018). "Bridging Acute Stroke and Rehabilitation Research". Annual Canadian Partnership for Stroke Recovery-SPIN Course, Ottawa, Canada.
52. Lecture. (2018). "PFO closure" and "Neuroimaging workshop". Canadian Stroke Consortium National Stroke Course, Toronto, Canada.
51. Lecture. (2018). "Top 7 mistakes for early career investigators". Can-Vector Lecture, Montreal, Canada.
50. Lecture. (2018). "Update in ICH hematoma expansion". COHESIVE Meeting, Montreal, Canada.
49. Lecture. (2017, May). "Targeting Hematoma Expansion". PHRI McMaster Stroke Grand Rounds, Hamilton, Canada.
48. Lecture. (2017, May). "Intracerebral Hemorrhage". Heart and Stroke Foundation of New Brunswick Stroke Conference, Moncton, Canada.
47. Lecture. (2017, April). "Intracerebral Hemorrhage". Canadian Stroke Consortium Resident Stroke Course, Ottawa, Canada.
46. Lecture. (2017, April). "Endovascular Thrombectomy". Canadian Stroke Consortium Resident Stroke Course, Ottawa, Canada.
45. Lecture. (2017, February). "Intracerebral Hemorrhage". Annual Neurosurgery Review Course, Ottawa, Canada.
44. Lecture. (2016, June). "Hemodynamic control and acute stroke". National Canadian Association of Emergency Physicians Annual Conference, Quebec City, Canada.
43. Lecture. (2016, May). "Stroke Prevention: etiology matters". Newfoundland Stroke Conference, St John's, Canada.
42. Lecture. (2016, February). "Intracerebral hemorrhage". National Neurosurgery Review Course, Ottawa, Canada.
41. Lecture. (2016). "Differential diagnosis for Intracerebral hemorrhage". National Resident's Stroke Course, Ottawa, Canada.
40. Lecture. (2015). "Hyperacute management of blood pressure in stroke and intracerebral hemorrhage". Canadian Stroke Congress Course, Toronto, Canada.
39. Lecture. (2015). "Human clinical stem cell trials in stroke". Canadian Partnership for Stroke Recovery, Toronto, Canada.
38. Lecture. (2015). "Hematoma expansion in intracerebral hemorrhage". Montreal Neurological Institute Grand Rounds, Canada.
37. Lecture. (2015). "Intracerebral hemorrhage". National Neurosurgery Review Course, Ottawa, Canada.
36. Lecture. (2015). "Reducing door-to-needle times". Annual Residents Stroke Course, Canadian Stroke Consortium, Toronto, Canada.
35. Lecture. (2014, October). "Stroke Prevention: Etiology matters". National Stroke Course Plenary, Vancouver, Canada.
34. Lecture. (2014). "Treatment of Intracerebral Hemorrhage". National Neurosurgery Resident Review Course, Ottawa, Canada.
33. Workshops and/or Round Tables. (2014). "Anticoagulation workshop". Annual Resident Stroke Course, Canadian Stroke Consortium, Montreal, Canada.
32. Lecture. (2014). "Clinical research in Stroke-recovery". Stroke Program in Neurorecovery (SPiN) Annual course, Canadian Partnerships for Stroke Recovery, Ottawa, Canada.
31. Lecture. (2014). "Advanced CT imaging workshop". Canadian Stroke Consortium National Stroke Course, Ottawa, Canada.
30. Lecture. (2014). "Medical Management of Intracranial Hemorrhage". Annual Resident Stroke Course, Canadian Stroke consortium, Montreal, Canada.
29. Workshops and/or Round Tables. (2013). "Clinical Stroke Research". Canadian Stroke Network SPIN Neuroscience Course, Montreal, Canada.

28. Workshops and/or Round Tables. (2013). "CT-imaging". Annual Resident Stroke Course, Ottawa, Canada.
27. Lecture. (2012). "The other stroke: Intracerebral hemorrhage". National Stroke course, 47th Canadian Neurological Science Congress, Ottawa, Canada.
26. Keynote Address. (2011). "Early hematoma behaviour presents a therapeutic target". Centre Hospitalier de l'Universite Montreal (CHUM) Neurology Grand Rounds, Montreal, Canada.

Local

26. Lecture. (2021, May). "Tea Time with the Docs: Stroke". uOttawa Brain and Mind Research Institute, Virtual
25. Lecture. (2019, November). "Predicting Hematoma Expansion". Neurosciences Grand Rounds, Ottawa, Canada.
24. Lecture. (2018). "A Career in Neuroscience". Museum of Nature, Ottawa, Canada
23. Lecture. (2018). "EVT Update" Grand Rounds for Physical Medicine and Rehabilitation". Grand Rounds for Physical Medicine and Rehabilitation, Ottawa, Canada
22. Lecture. (2018). "Endovascular thrombectomy extended window". Neurosciences Grand Rounds, University of Ottawa, Ottawa, Canada.
21. Lecture. (2018). "Management of Intracerebral Hemorrhage". Ottawa Stroke Summit, Ottawa, Canada.
20. Lecture. (2017, December). "ICH". Emergency Medicine resident's ½ day, Ottawa, Canada.
19. Lecture. (2016, November). "Intracerebral Hemorrhage". Ottawa Stroke Summit, Ottawa, Canada.
18. Keynote Address. (2016, October). "The Other Stroke". Brain Health Awareness Week, Ottawa, Canada
17. Lecture. (2016, May). "Hematoma Expansion". Neurosciences Grand Rounds, Ottawa, Canada
16. Lecture. (2015, November). "TIA". Ottawa Stroke Summit, Ottawa, Canada
15. Lecture. (2015, November). "Acute Stroke". Ottawa Stroke Summit, Ottawa, Canada.
14. Lecture. (2015, September). "iRecover: A Journey of Science, Determination & Hope". University of Ottawa Brain Health Awareness Week, Ottawa, Canada.
13. Lecture. (2015). "Stroke Research and Clinical Treatments". Local Mini Med School, Ottawa, Canada.
12. Lecture. (2015). "Secondary Stroke Prevention". Continuing Medical Education, Pembroke Community Hospital, Pembroke, Canada.
11. Lecture. (2014). "Stroke Prevention". Regional Geriatrics Program of Eastern Ontario, Ottawa, Canada.
10. Lecture. (2014). "Stroke Prevention in Atrial Fibrillation". CME, Arnprior, Canada.
9. Lecture. (2014). "Atrial fibrillation and stroke". 11th Annual Stroke Update for Physicians, Ottawa, Canada.
8. Lecture. (2014). "Predicting Hematoma expansion". University of Ottawa, Department of Medicine Grand Rounds, Ottawa, Canada.
7. Lecture. (2013). "Intracerebral hemorrhage: The other Stroke". Champlain Regional Stroke Program Stroke Day, Ottawa, Canada.
6. Lecture. (2013). "Seeing Spots: How Can We identify Ongoing Bleeding in Intracerebral Hemorrhage?". University of Ottawa Brain Health Research Day, Ottawa, Canada.
5. Lecture. (2013). "Common Stroke Syndromes". Champlain Regional Stroke Network Interdisciplinary Education Day, Ottawa, Canada.
4. Lecture. (2012). "Practical management of intracerebral hemorrhage". Ottawa Hospital Department of Rehabilitation Ground Rounds, Ottawa, Canada.
3. Lecture. (2011). "Practical management of intracerebral hemorrhage". 2nd Canadian Stroke Congress National Stroke Course, Ottawa, Canada.
2. Lecture. (2011). "Early hematoma behaviour presents a therapeutic target". Ottawa Hospital Neurosciences Grand Rounds, Ottawa, Canada.
1. Keynote Address. (2010). "Contemporary thrombolysis and high-risk stroke therapy". Ottawa Hospital Department of Medicine Grand Rounds, Ottawa, Canada.

INTERVIEWS AND MEDIA RELATIONS:Broadcast Interviews

4. *Neuroprotectant therapy for stroke. All in a Day.* CBC. Radio 1. 24 Feb. 2020.
Research Type: Clinical Research
3. *RecoverNow for Stroke.* Morning News. CBC Radio 1. 1 Jun. 2017.
Research Type: Clinical Research
2. *Stroke Research in Ottawa.* CTV News live. CTV. 1 Jun. 2015.
Research Type: Clinical Research
1. *Heart & Stroke Foundation Report.* Radio International. CBC. 29 May. 2015.
Research Type: Public Health Research

Text Interviews

6. *Heart & Stroke foundation Report.* Ottawa sun. 1 Jun. 2015.
Research Type: Public Health Research
5. *Global brain edema in ICH.* Neurology today. 2 Apr. 2013.
4. *New oral anticoagulants.* Medical Post (front page). 24 Apr. 2012.
3. *Stroking out warfarin.* Medical Post. 10 Apr. 2012.
2. *Anticoagulant-associated intra-cerebral hemorrhage.* Medical Post. 8 Nov. 2011.
1. *Poor prognosis seen in cerebral bleeds despite treatment.* Medical Post. 8 Nov. 2011.

INTELLECTUAL PROPERTIES:Patents

1. Computerized Automatic Detection of Leakage (CARL): METHOD AND SYSTEM FOR IDENTIFYING BLEEDING. Patent PAT 80049P-2 US. N.d.

Trademarks

1. Dowlatshahi, Dar. *RecoverNow*. Jan. 2019 - Jan. 2034.
Research Type: Clinical Research
APPL'N/DEM. NO 1 754 543 REGISTRATION/ENREGISTREMENT NO TMA1, 013,
3444GOODS/PRODUITS: 9 Application software, namely, a computer, tablet and mobile device based software application featuring interactive tasks to assist patients and caregivers in stroke recovery and rehabilitation. CLAIMS/REVENDEICATIONS: Declaration of Use filed December 14, 2018 on goods

OTHER CONTRIBUTIONS:Clinical Care Guidelines

14. "Canadian Stroke Best Practice Recommendations: Rehabilitation, Recovery, and Community Participation following Stroke. Part Two: Transitions and Community Participation Following Stroke". 2020. doi:10.1177/1747493019897847
13. "Canadian Stroke Best Practice Recommendations, seventh edition: acetylsalicylic acid for prevention of vascular events". 2020. doi:10.1503/cmaj.191599

12. "Canadian stroke best practice recommendations: Management of Spontaneous Intracerebral Hemorrhage, 7th Edition Update 2020". 2020. doi:10.1177/1747493020968424
11. "Canadian Stroke Best Practice Recommendations: Rehabilitation, Recovery, and Community Participation following Stroke. Part One: Rehabilitation and Recovery Following Stroke; 6th Edition Update 2019". 2020. doi:10.1177/1747493019897843
10. "Canadian Stroke Best Practice Recommendations: Mood, Cognition and Fatigue following Stroke, 6th edition update 2019". 2019. doi:10.1177/1747493019847334
9. "Canadian Stroke Best Practice Consensus Statement: Acute Stroke Management during pregnancy. 2018". 2018. doi:10.1177/1747493018786617
8. "Canadian stroke best practice consensus statement: Secondary stroke prevention during pregnancy. 2018". 2018. doi:10.1177/1747493017743801
7. "Canadian stroke best practice recommendations: Secondary prevention of stroke, sixth edition practice guidelines, update 2017". 2017. doi:10.1177/1747493017743062
6. "Canadian Stroke Best Practice Recommendations: Telestroke Best Practice Guidelines Update 2017". 2017. doi:10.1177/1747493017706239
5. "Canadian stroke best practice recommendations: Stroke rehabilitation practice guidelines, update 2015". 2016. doi:10.1177/1747493016643553
4. "Canadian Stroke Best Practice Recommendations: Acute Inpatient Stroke Care Guidelines, Update 2015". 2016. doi:10.1177/1747493015622461
3. "Canadian Stroke Best Practice Recommendations: Mood, Cognition and Fatigue Following Stroke practice guidelines, update 2015". 2016. doi:10.1111/ijjs.12557
2. "Post-stroke depression, obstructive sleep apnea, and cognitive impairment: Rationale for, and barriers to, routine screening". 2016. doi:10.1177/1747493016641968
1. "Canadian stroke best practice recommendations: Managing transitions of care following Stroke, Guidelines Update 2016". 2016. doi:10.1177/1747493016660102