

MARK G. SHRIME, MD, MPH, PhD, FACS

shrime@mail.harvard.edu

ww.markshrime.com

markshrime@rcsi.ie

CURRENT ACADEMIC APPOINTMENTS

- July 2020 – present Royal College of Surgeons in Ireland Dublin, Ireland
O'Brien Chair of Global Surgery
Inaugural chair of global surgery at the newly-formed Institute of Global Surgery
Responsible for the development of the Institute's vision and strategy
Responsible for the creation and management of a team of 10 faculty, researchers, and students
Responsible for fundraising and the management of the Institute's budget
- July 2020 – present Harvard Medical School Boston, MA
Lecturer in Global Health and Social Medicine
Mentor to several resident research projects in health systems, global health, and otolaryngology

PAST ACADEMIC APPOINTMENTS

- July 2018 – June 2020 Center for Global Surgery Evaluation Boston, MA
Director
Founding director of the Center for Global Surgery Evaluation at the Massachusetts Eye and Ear
The Center develops evaluative tools and techniques for surgical implementation in low- and middle-income countries
Responsible for hiring faculty and fellows, fundraising, and development of the Center's strategic vision
- September 2018 – June 2020 Center for Health and Wellbeing Princeton, NJ
Visiting Research Scholar
A two-year sabbatical at Princeton University dedicated to research, course preparation, and writing
Taught an undergraduate course on the economic evaluation of global health policy
- April 2016 – July 2020 Harvard Medical School Boston, MA
Assistant Professor of Otolaryngology
Assistant Professor of Global Health and Social Medicine
Involved in medical student and resident education and training
Mentor to several resident research projects in health systems, global health, and otolaryngology
Hired research and program administrative staff
Led grant applications totaling up to \$100 million
Developed a research training curriculum (see below)
- July 2015 – June 2018 Harvard Medical School | Program in Global Surgery and Social Change Boston, MA
Research Director
Responsible for research curriculum development
Oversight of the program's research portfolio
Mentor on fellow research projects in global surgery and health systems strengthening
- Dec 2013 – present Ariadne Laboratories Boston, MA
Associate Faculty
Ariadne labs brings faculty from throughout Harvard to work together on health systems improvement
- May 2012 – April 2016 Harvard Medical School Boston, MA
Clinical Instructor of Otolaryngology and Laryngology
Involved in medical student and resident education and training
Mentor to several resident research projects in health systems, global health, and otolaryngology

Oct 2014 – June 2015 Harvard Medical School Boston, MA
Affiliate Faculty, Department of Global Health and Social Medicine
Involved in the *Lancet* Commission on Global Surgery primary research.
Mentor to fellows in the Program in Global Surgery and Social Change

Apr 2009 – May 2011 Boston University Medical Center Boston, MA
Assistant Professor, Department of Otolaryngology
Involved in medical student and resident education and training
Mentor for several resident research projects in head and neck surgery

Aug 1997 – Jul 1998 Ngee Ann Polytechnic, Department of Biotechnology Singapore
Lecturer in Organic Chemistry and Cellular Biology
Lecturer and laboratory instructor to first-year polytechnic students and mentor to forty of these students

University Courses

WWS 335, Princeton University: Economic evaluation of global health policy Fall semester, 2019

International Courses

Course director, Survey of Global Surgery, Royal College of Surgeons in Ireland September 2020
Continuing Professional Development

International Visiting Professorships

International Examiner, College of Surgeons of East, Central, and Southern Africa December 2018 – present
Papua New Guinea Medical Society, Port Moresby, Papua New Guinea September 2017
Royal Australasian College of Surgeons, Adelaide, Australia May 2017
Kings College, Global Health, London, United Kingdom January 2016
University of Toronto, Department of Otolaryngology, Toronto, Canada February 2015
King Saud bin Abdul-Aziz University for Health Sciences, Riyadh, Saudi Arabia March 2013

National courses

Cost-effectiveness and comparative effectiveness in otolaryngology September 2014
American Academy of Otolaryngology, National Meeting, Orlando, FL

Teaching Fellowships—comments available on request

RDS 286, Decision Analysis in Clinical Research HSPH, July 2013
RDS 285, Decision Analysis Methods HSPH, Spring 2013
SW 24, Global Health Challenges Harvard University, Spring 2013 Rating: 4.8/5

Awarded Certificate of Distinction in Teaching

RDS 286, Decision Analysis in Clinical Research HSPH, July 2012 Rating: 4.8/5
RDS 288, Methods for Decision Making in Medicine HSPH, August 2012

Research Curriculum

How to write a scientific paper
Basic statistical methods
Global health statistics in R
Cost-effectiveness analysis in global surgery

Mentoring

Full mentee list available on request

PROFESSIONAL EXPERIENCE

Jan 2017 – Jun 2020 <i>Clinical Associate Surgeon</i>	Massachusetts General Hospital	Boston, MA
Oct 2011 – Jun 2020 <i>Attending Physician, Emergency Department</i>	Massachusetts Eye and Ear Infirmary	Boston, MA
Feb 2008 – present <i>Staff Surgeon, m/v Africa Mercy</i> Staff surgeon on the world's largest charity hospital ship, docked in various ports around coastal Africa	Mercy Ships	West and Central Africa
Apr 2009 – May 2011 <i>Staff Surgeon, Department of Otolaryngology</i>	Boston University Medical Center	Boston, MA
May 2009 – Jul 2011 <i>Staff Surgeon, Division of Otolaryngology, Department of Surgery</i>	VA Medical Center, Boston	Boston, MA
May 1995 – May 1996 <i>Research Assistant in the Department of Molecular Biology</i> Actions and interactions of the Nm23 tumor suppressor with DNA and cell-cycle-regulatory proteins	Princeton University	Princeton, NJ

EDUCATION and TRAINING

Aug 2011 – May 2015 <i>PhD, Health Policy (Decision Analysis)</i>	Harvard University	Cambridge, MA
COMMITTEE MEMBERS: Joshua Salomon PhD (chair), Milt Weinstein PhD, Jessica Cohen PhD.		
Sep 2009 – Jun 2011 <i>Masters of Public Health, Global Health and Population</i>	Harvard School of Public Health	Boston, MA
Jul 2008 – Dec 2008 <i>Fellowship in Microvascular Reconstructive Surgery</i>	University of Toronto, Toronto General Hospital	Toronto, ON
Jul 2006 – Jun 2007 <i>Fellowship in Head and Neck Oncologic and Reconstructive Surgery</i>	University of Toronto, Toronto General Hospital	Toronto, ON
Member, Post-graduate Education Committee, Department of Otolaryngology Examiner, International Medical Graduates—Ontario Dept. General Surgery Fellow representative to the Department of Otolaryngology		
Jul 2002 – Jun 2006 <i>Residency in Otolaryngology and Head and Neck Surgery</i>	New York Presbyterian Hospital	New York, NY
Jul 2001 – Jun 2002 <i>Surgical Internship</i>	New York Presbyterian Hospital, Columbia University	New York, NY
Sep 1996 – Jun 2001 <i>Doctor of Medicine</i>	University of Texas, Southwestern Medical School	Dallas, TX
Inducted into AOA (class rank, 12/206)		
Sep 1992 – Jun 1996 <i>Bachelor of Arts, Molecular Biology</i>	Princeton University	Princeton, NJ
Awarded graduation summa cum laude		

LICENSURE and BOARD CERTIFICATION

Board Certification	American Board of Otolaryngology, 88763	April 2007
Commonwealth of Massachusetts	238674	4 February 2009 – present
State of New York	225516 (Inactive)	5 July 2002 – present
Province of Ontario	85168 (Provisional)	1 July 2008 – 31 Dec 2008

PROFESSIONAL MEMBERSHIPS AND COMMITTEE SERVICE

Vice Chair, American Head and Neck Society Website Committee	2018 – present
Harvard Dubai Center Ad-Hoc Scientific Review Committee	2016 – present
Institutional Review Board member, Mercy Ships	2014 – present
Global Burden of Disease Expert Panel	2013 – present
Fellow, American College of Surgeons	2012 – present
Humanitarian Efforts Committee, American Academy of Otolaryngology	2009 – present
Society for Medical Decision Making	
American Head and Neck Society	
Alpha Omega Alpha Honor Society	
American Academy of Otolaryngology—Head and Neck Surgery	

EDITORIAL AND AUTHOR POSITIONS

EDITORIAL	Member, Editorial Board, <i>World Journal of Surgery</i>	2019 – present
	Academic Editor, <i>PLOS One</i>	2017 – present
	Editorial Reviewer, <i>New England Journal of Medicine</i>	2020 – present
	Editorial Reviewer, <i>Laryngoscope Investigative Otolaryngology</i>	2019 – present
	Editorial Reviewer, <i>Bulletin of the World Health Organisation</i>	2018 – present
	Editorial Reviewer, <i>Lancet Global Health</i>	2017 – present
	Editorial Reviewer, <i>Health Policy and Planning</i>	2017 – present
	Editorial Reviewer, <i>Journal of Infection and Public Health</i>	2017 – present
	Editorial Reviewer, <i>Annals of Otolaryngology, Rhinology, and Laryngology</i>	2017 – present
	Editorial Reviewer, <i>PLoS One</i>	2015 – present
	Editorial Reviewer, <i>Annals of Surgery</i>	2015 – present
	Editorial Reviewer, <i>British Journal of Surgery</i>	2015 – present
	Editorial Reviewer, <i>Medical Care</i>	2015 – present
	Editorial Reviewer, <i>Annals of Surgical Oncology</i>	2014 – present
	Editorial Reviewer, <i>Cost Effectiveness and Resource Allocation</i>	2013 – present
	Editorial Reviewer, <i>Ear and Hearing</i>	2012 – present
	Editorial Reviewer, <i>Archives of Oral Biology</i>	2010 – present
	Editorial Reviewer, <i>Laryngoscope</i>	2007 – present
	Editorial Reviewer, <i>Head and Neck</i>	2007 – present
	Editorial Reviewer, <i>Archives of Otolaryngology/Head and Neck Surgery</i>	2009 – present
COMMISSIONER	Commissioner, <i>Lancet Commission on Global Cancer Surgery</i>	2015 – 2017

MEDIA APPEARANCES

TELEVISION	CCTV World Insight	August 2014
	Fox and Friends	May 2017
	Fox Business, Varney & Co.	May 2017
	The Daily Briefing, Fox News	May 2019
	CBC The National	Multiple times 2020
	TBN UK	July 2020
	Script TV	August 2020
RADIO AND PODCAST	1210 WPHT, Dom Giordano Show	January 2015
	LA Talk Radio, Up On Medicine	February 2015
	<i>Behind The Knife</i> Podcast	June 2016
	<i>Rudy Maxa's World</i>	January 2017
	<i>Harvard Catalyst ThinkResearch</i> Podcast	August 2017
	University of Iowa, <i>Short Coat</i> Podcast	November 2017
	SiriusXM, <i>Doctor Radio</i>	November 2018
	<i>Dismantle</i> Podcast	December 2018
	<i>Is This It</i> Podcast	April 2019
	WGVU, National Public Radio	April 2020
	WGBH Morning Edition	2 June 2020
	eFM This Morning,	11 June 2020
	KevinMD	22 June 2020
	WGBH Lunch Hour Live	11 January 2021
	<i>Spread Love</i> Podcast	11 January 2021
	SiriusXM, <i>The ENT Show</i>	13 April 2021
PRINT	Contributing author, <i>Global Health Hub</i>	2010 – present
	'Motherhood and Safe Surgery', <i>Huffington Post</i>	2014
	'How surgery can fight global poverty', <i>New York Times</i>	25 September 2015
	'Surgery: the neglected stepchild of global health', <i>New York Times</i>	20 April 2016
	'Measuring surgical systems: a new paradigm for health systems strengthening' <i>World Bank DATA Blog</i>	14 June 2016
	Fixing the world's vision aboard a hospital with wings, <i>CNN</i>	1 Dec 2017
	Surgical care—an overlooked entity in health systems. <i>World Bank DATA Blog</i>	14 February 2018
	A multinational army. <i>A Daily Dose of Mercy</i> , Don Stephens, p. 238	15 November 2018
	The Protests Will Spread the Coronavirus. <i>The Atlantic</i>	1 June 2020
	How to Protest Safely and Stop the Spread of the Virus, <i>Esquire</i>	2 June 2020
	George Floyd Protests Expected to Cause a Resurgence of Coronavirus Cases Soon, Experts Say <i>Heavy.com</i>	2 June 2020
	Protesting amid a pandemic: New Yorkers vow to mask up and keep fighting. <i>CBC.ca</i>	5 June 2020
	Many health officials are OK with police protests despite COVID-19, <i>Denver Post</i>	15 June 2020
	The role of the RCSI in global surgery, <i>Irish Medical Times</i>	2 July 2020
	In global health, we have treated surgery as icing on the cake, <i>Irish Times</i>	8 July 2020
	In the hot seat, Surgeons SCOPE	July 2020
	Masks, bags, gloves: Are antiviral products a scam?, <i>Fast Company</i>	17 August 2020
	Companies making antiviral clothing that they claim will protect against COVID-19, <i>KXLF</i>	19 August 2020
	The virus cares as little for Irish values as it does for American individualism, <i>Irish Times</i>	15 October 2020
	Inequality 'baked into' virus testing access as cases surge, <i>Associated Press</i>	22 November 2020
	The historically given and economically driven hole in Hawa's face, <i>SURGAfrica</i>	4 December 2020
	RCSI helps build first-ever pan-African training platform for paediatric surgeons, <i>Irish Medical Times</i>	22 December 2020
	Catastrophic expenditure for health: from antiquity to today, <i>World Bank DATA Blog</i>	19 February 2021
	The next few weeks will give us hope if we can hang in there, <i>Business Post</i>	28 February 2021

RESEARCH FUNDING

CURRENT RESEARCH SUPPORT	<p>Enterprise Ireland 10/27/2020 – 10/26/2021 <i>You get what you pay for: addressing the demand-side barriers to surgical access in Madagascar</i> <u>Total cost:</u> €15,580 (approx. \$18,825) <u>Duration:</u> 1 year <u>Role:</u> PI This grant was obtained to support the creation and submission of an ERC Starting Grant around understanding the patient-level barriers to accessing surgical care in Madagascar.</p>
	<p>Iris O'Brien Foundation 07/01/2020 – 06/30/2022 <i>Institute of Global Surgery</i> <u>Total cost:</u> €2.5 million (approx. \$3 million) <u>Duration:</u> 3 years <u>Role:</u> PI This funding establishes the RCSI Institute of Global Surgery, for which I serve as the foundation chair.</p>
COMPLETED RESEARCH SUPPORT	<p>Damon Runyon Cancer Foundation 07/01/17-06/30/20 <i>Cash transfers for surgery in resource-poor settings</i> <u>Direct cost per year:</u> \$200,000 <u>Duration:</u> 3 years <u>Role:</u> PI The goal of this project is to use agent-based modeling to optimize the size of a cash transfer for surgery in a low-income country, followed by an evaluation of surgical utilization after the intervention.</p>
	<p>Center for Global Surgery Evaluation 07/01/18-12/31/2020 <i>Impact evaluation in Global Surgery</i> <u>Direct cost per year:</u> \$364,000 <u>Duration:</u> 2.5 years <u>Role:</u> Founding director The goal of the Center is to develop and implement impact evaluation techniques in the field of global surgery.</p>
	<p>GE Foundation 07/01/16-12/31/18 <i>Safe Surgery 2020</i> <u>Direct cost per year:</u> \$1.5 million <u>Duration:</u> 2.5 years <u>Role:</u> Co-PI The goal of this project is to improve surgical care in three low- and middle-income countries through leadership training, innovation, and monitoring and evaluation. Role: Monitoring and evaluation lead</p>
	<p>GE Foundation 07/01/15-06/30/16 <i>Safe Surgery 2020 Pilot Grant</i> <u>Direct cost per year:</u> \$100,000 <u>Duration:</u> 1 years <u>Role:</u> Co-PI The goal of this project is to improve surgical care in three low- and middle-income countries through leadership training, innovation, and monitoring and evaluation. Role: Monitoring and evaluation lead</p>
	<p>NIH/NIA P30 AG024409 01/01/15-05/31/15 <i>Center for the Global Demography of Aging</i> <u>Pilot project</u> <u>Direct cost per year:</u> \$25,000 <u>Duration:</u> 1 year <u>Role:</u> Pilot project PI</p>

The goal of the pilot on which I worked was to evaluate the tradeoff that individuals in the US population made between health and bankruptcy. Specifically, it asked how much of a risk of bankruptcy an individual was willing to trade for an increased chance of cure

NIH/NCI R25 CA92203 Gazelle (PI) 07/01/13-06/30/15
Program in Cancer Outcomes Research Training grant
The PCORT is the training grant that funded the final two years of my PhD, during which I studied the health and impoverishing effects of surgery
Role: Post-doctoral fellow

NORAD, Government of Norway 211371 Bloom (PI) 2012-2014
Economic Benefits of Investing in Women
This grant funded an extended cost-effectiveness analysis of surgical delivery in rural Ethiopia, including obstetric surgery. Health and impoverishment were evaluated for different policies for surgical delivery
Role: Research Consultant

Christopher G.P. Walker Fellowship Newhouse (PI) 2011-2013
Interfaculty Initiative in Health Policy
Role: Pre-doctoral research fellow

PUBLICATIONS, ACTIVE RESEARCH PROJECTS, and PRESENTATIONS

CHAPTERS

1. Johnson M, **Shrime MG**, Raghavendran K. Outreach, global health, and working beyond boundaries. In: Mulholland MW, Newman EA, eds. *The Diversity Promise*, 2020.
2. Raykar NP, Mukhopadhyay S, Halbach JL, Cossa MT, Saluja S, Lin Y, **Shrime MG**, Meara JG, Bickler SW. The economic case for surgical care in low-resource settings. In: Park A, Price R, eds. *Global Surgery*, 2017.
3. **Shrime MG**, Sleemi A, Thulasiraj RD. Specialized surgical platforms. In: Jamison D, et al (eds). *Disease Control Priorities in Developing Nations*, 3e. 2015
4. **Shrime MG**, Verguet S, Desalegn D, Johansson KA, Jamison D, Kruk ME. Task sharing or public finance for expanding surgical access in rural Ethiopia: an extended cost-effectiveness analysis. In: Jamison D, et al (eds). *Disease Control Priorities in Developing Nations*, 3e. 2015
5. **Shrime MG**. Bony cysts and tumors of the maxilla and mandible. In: Lee KJ, Chan Y (eds). *Healthcare Reform through Practical Guidelines—ENT*. Plural Publishing, 2010. Chapter 34.
6. **Shrime MG**. Lump in the Neck. In: Lee KJ, Chan Y (eds). *Healthcare Reform through Practical Guidelines—ENT*. Plural Publishing, 2010. Chapter 18.
7. **Shrime MG**, Goldstein DP, Irish JC, Gullane PJ. Complications of Lip Surgery. In: Eisele DW (ed). *Complications of Head and Neck Surgery*, 2e. Elsevier, 2009. pp 251-256.
8. Kraus, DH, **Shrime MG**. Oral Cavity Neoplasms. In: Snow JB and Ballenger JJ (eds). *Ballenger's Otorhinolaryngology Head and Neck Surgery: Head and Neck Surgery*, 17e. BC Decker, 2009. pp 1091-1104.
9. Goldstein DP, **Shrime MG**, Cummings B, Gullane PJ. Paragangliomas of the Head and Neck. In Hanna EY and DeMonte F (eds). *Comprehensive Management of Skull Base Tumors*. Informa HealthCare, 2008. pp 539-556.
10. **Shrime MG**, Keller J. Pediatric allergic rhinitis and acute and chronic sinusitis. In: Burg FD, Ingelfinger JR, Polin RA, Gershon A (eds). *Current Pediatric Therapy*, 18e. WB Saunders Company, 2006. pp 1114-1118.

PEER-REVIEWED PUBLICATIONS (FIRST AUTHOR)

1. Scangas GA, Wu AW, Ting JY, Metson R, Walgama E, **Shrime MG**, Higgins TS. Cost utility analysis of dupilumab versus endoscopic sinus surgery for chronic rhinosinusitis with nasal polyps. *Laryngoscope* 2021. 131(1):e26-e33.
2. Nataraja RM, Yin Mar Oo, Andolfatto L, Moore EM, Watters D, Aye Aye, Htun Oo, **Shrime MG**, McLeod E. Analysis of Financial Risk Protection Indicators in Myanmar for Paediatric Surgery. *World J Surg* 2020. 44:3986–3992.
3. **Shrime MG**, Iverson KR, Yorlets RR, Roder-DeWan S, Gage AD, Leslie H, Malata A. The predicted effect of regionalized delivery care on neonatal mortality, utilization, financial risk, and patient utility in Malawi: an agent-based model. *Lancet Global Health* 2019. 7(7):e932-939.
4. **Shrime MG**, Mukhopadhyay S, Alkire BC. Health-system-adapted data envelopment analysis for decision-making in universal health coverage. *Bulletin of the World Health Organisation* 2018. 96:393-401
5. **Shrime MG**, Weinstein MC, Hammit JK, Cohen JL, Salomon JA. Trading bankruptcy for health: a discrete choice experiment. *Value in Health* 2018. 21(1):95-104.

6. **Shrime MG**, Hamer M, Mukhopadhyay S, Kunz LM, Claus NH, Randall K, Jean-Baptiste JH, Maevatombo PH, Toh MPS, Biddell JR, Bos R, White MC. Effect of removing the barrier of transportation costs on surgical utilisation in Guinea, Madagascar and the Republic of Congo. *BMJ Global Health* 2017. 2(Suppl 4):e000434.
7. **Shrime MG**, Alkire BC, Grimes C, Chao TE, Poenaru D, Verguet S. Cost-effectiveness in global surgery: Pearls, pitfalls, and a checklist. *World Journal of Surgery* 2017. 41(6):1401-1413
8. **Shrime MG**, Sekidde S, Linden A, Cohen JL, Weinstein MC, Salomon JA. Sustainable development in surgery: the health, poverty, and equity impacts of charitable surgery in Uganda. *PLOS One* 2016. 11(12):e0168867.
9. **Shrime MG**. The right to look human—head and neck surgery in low- and middle-income countries: The Chris O'Brien memorial lecture. *JAMA Otolaryngology* 2016. 142(12):1143-1144.
10. **Shrime MG**, Dare A, Alkire BC, Meara JG. A global country-level comparison of the financial burden of surgery. *British Journal of Surgery* 2016. 103(11):1453-1461. doi: 10.1002/bjs.10249.
11. **Shrime MG**, Verguet S, Desalegn D, Johansson KA, Jamison D, Kruk ME. Task sharing or public finance for expanding surgical access in rural Ethiopia: an extended cost-effectiveness analysis. *Health Policy and Planning* 2016. 31(6):706-716. pii czv121.
12. **Shrime MG**, Ferket BS, Scott DJ, Lee J, Barragan-Bradford D, Pollard T, Arabi YM, Al-Dorzi HM, Baron RM, Hunink MGM, Celi LA, Lai PS. Time-limited trials of intensive care for critically-ill patients with cancer: How long is long enough? *JAMA Oncology* 2016. 2(1):76-83.
13. **Shrime MG**, Dare AJ, Alkire BC, O'Neill K, Meara JG. Catastrophic expenditure to pay for surgery worldwide: a modeling study. *Lancet Global Health* 2015. 3:S38-S44.
14. **Shrime MG**, Daniels KM, Meara JG. How much surgery is enough? Aligning surgical delivery with best-performing health systems. *Lancet* 2015. 385:S13.
15. **Shrime MG**, Daniels KM, Meara JG. Half a billion surgical cases: aligning surgical delivery with best-performing health systems. *Surgery* 2015. 158(1):27-32.
16. **Shrime MG**, Bickler SW, Alkire BC, Mock C. The global burden of surgical disease: an estimation from the provider perspective. *Lancet Global Health* 2015. 3:S8.
17. **Shrime MG**, Sleemi A, Thulasiraj RD. Charitable platforms in global surgery: A systematic review of their effectiveness, cost-effectiveness, sustainability, and role in training. *World Journal of Surgery* 2015. 39(1):10-20. doi: 10.1007/s00268-014-2516-0
18. **Shrime MG**. Cost-effectiveness of transoral robotic surgery in the unknown primary: the problem of extended dominance. *Otolaryngology—Head and Neck Surgery* 2014. 151(6):1093
19. **Shrime MG**. Cost-effectiveness in otolaryngology. *Otolaryngology—Head and Neck Surgery* 2012. 147(1):180-181.
20. **Shrime MG**, Bauer SR, McDonald AC, Chowdhury NH, Coltart CEM, Ding EL. Flavonoid-rich cocoa consumption affects multiple cardiovascular risk factors, in a meta-analysis of short-term studies. *Journal of Nutrition* 2011. 141(11):1982-1988.
21. **Shrime MG**, Gullane PJ, Dawson L, Kim J, Gilbert RW, Irish JC, Brown DH, Goldstein DP. The impact of adjuvant radiotherapy on survival in T₁₋₂N₁ squamous cell carcinoma of the oral cavity. *Archives of Otolaryngology—Head and Neck Surgery* 2010. 136(3):1-4
22. **Shrime MG**, Bachar G, Lea J, Volling C, Ma C, Gullane PJ, Gilbert RW, Irish JC, Brown DH, Goldstein DP. Nodal ratio as an independent predictor of survival in squamous cell carcinoma of the oral cavity. *Head and Neck* 2009. 31(11):1482-1488.

23. **Shrime MG**, Gilbert RW. Reconstruction of the midface and maxilla. *Facial Plastic Surgery Clinics* 2009. **17**(2):211-223.
24. **Shrime MG**, Ma CS, Gullane PJ, Gilbert RW, Irish JC, Brown DH, Goldstein DP. The impact of nodal ratio on survival in squamous cell carcinoma of the oral cavity. *Head and Neck* 2009. **31**(9):1129-1136.
25. **Shrime MG**, Goldstein DP, Seaberg RM, Sawka AM, Rotstein L, Freeman JL, Gullane PJ. Cost-effective management of low-risk papillary thyroid cancer. *Archives of Otolaryngology—Head and Neck Surgery* 2007. **133**(12):1245-1253
Included in *Audio Digest—Otolaryngology*, **41**(4), 21 July 2008
26. **Shrime MG**, Johnson PE, Stewart MG. Cost-effective diagnosis of ingested foreign bodies. *Laryngoscope* 2007. **117**(5):785-793.
First-place poster presentation at the Combined Otolaryngology Fall Meeting, February 2007, Florida
Awarded second place in the Annual Resident Research Competition, Columbia, 2006
27. **Shrime MG**, Tabae A, Rickert S, Hsu AK, Close LG. Synechia formation following endoscopic sinus surgery and middle turbinate medialization. *American Journal of Rhinology* 2007. **21**(2):174-179.
Awarded third place in the Annual Resident Research Competition, Columbia, 2006
28. **Shrime MG**, Wilson TB, Eisig SB, Haddad J. Intraosseous schwannoma of the mandible. *Archives of Otolaryngology—Head and Neck Surgery* 2007. **133**(2):194, 196.
29. **Shrime MG**, Kacker A, Bent J, Ward RF. Fourth branchial complex anomalies: A case series. *International Journal of Pediatric Otorhinolaryngology* 2003; **67**:1227-1233.
Selected for inclusion in the American Academy of Otolaryngology 2005-2006 Home Study Course, Section 1

PEER-
REVIEWED
PUBLICATIONS
(SENIOR
AUTHOR)

1. Mechtenberg A, McLaughlin B, DiGaetano M, Awodele A, Omeeboh L, Etwalu E, Nanjula L, Musaazi M, **Shrime MG**. Health care during electricity failure: The hidden costs. *PLoS One* 2020. 15(11):e0235760.
2. Vervoort D, Ma X, **Shrime MG**. Money down the drain: predatory publishing in the COVID-19 era. *Can J Public Health* 2020. 111(5):665-666.
3. Lin Y, Raykar NP, Saluja S, Mukhopadhyay S, Sharma S, Frett B, Enumah S, Iverson KR, Johnson W, Meara JG, **Shrime MG**. Identifying essential components of surgical care delivery through quality improvement: An updated surgical assessment tool. *Int J Surg* 2020. 82:103-107.
4. Strader C, Ashby J, Vervoort D, Ebrahimi A, Agbortoko S, Lee M, Reiner N, Zeme M, **Shrime MG**. How much is enough? Exploring the dose-response relationship between cash transfers and surgical utilization in a resource-poor setting. *PLoS One* 2020. 15(5):e0232761.
5. Saluja S, Rudolfson N, Massenburg BB, Meara JG, **Shrime MG**. The impact of physician migration on mortality in low and middle-income countries: an economic modelling study. *BMJ Global Health* 2020. 5(1): e001535.
6. Fagan JJ, Wetter J, Otiti J, Aswani J, Konney A, Diom E, Baidoo K, Onakoya P, Mugabo R, Noah P, Mashamba V, Kundiona I, Macharia C, Mainasara MG, Gebeyehu M, Bogale M, Twier K, Faniriko M, Melesse GB, **Shrime MG**. Is AJCC/UICC staging still appropriate for head and neck cancers in developing countries? *OTO Open* 2020. 4(3): doi: 10.1177/2473974X20938313.
7. Daniels KM, Riesel JN, Verguet S, Meara JG, **Shrime MG**. The scale-up of the global surgical workforce: can estimates be achieved by 2030? *World Journal of Surgery* 2020. 44(4):1053-1061.
8. Iverson KR, Svensson E, Sonderman K, Barthelemy E, Citron I, Vaughan KA, Powell BL, Meara JG, **Shrime MG**. Decentralization and regionalization of surgical care: a review of evidence for the optimal distribution of surgical services in low-and middle-income countries. *International Journal of Health Policy and Management* 2019. 8(9):521.

9. Kligerman MP, Sethi RK, Kozin ED, Gray ST, **Shrime MG**. Morbidity and mortality among patients with head and neck cancer in the emergency department: A national perspective. *Head & Neck* 2019. 41(4):1007-15.
10. Albutt K, Punchak M, Kayima P, Namanya DB, **Shrime MG**. Operative volume and surgical case distribution in Uganda's public sector: a stratified randomized evaluation of nationwide surgical capacity. *BMC Health Services Research* 2019. 19(1):104.
11. Till BM, Rudolphson N, Saluja S, Gnanaraj J, Samad L, Ljungman D, **Shrime MG**. Who is pirating medical literature? A bibliometric review of 28 million Sci-Hub downloads. *Lancet Global Health* 2019. 7(1):e30-e31.
12. Wurdeman TD, Peters AW, Alkire BC, **Shrime MG**. Firearm prevalence and pediatric firearm homicides: a state-level panel data analysis. *Journal of the American College of Surgeons* 2019. 229(4):S153-S154.
13. Yorlets RR, Iverson KT, Roder-DeWan S, Gage AD, Nsona H, Leslie HH, **Shrime MG**. Latent class analysis of the social determinants of health-seeking behaviour for delivery among pregnant women in Malawi. *BMJ Global Health* 2019. 4(2):e000930.
14. Saluja S, Mukhopadhyay S, Amundson JR, Silverstein A, Gelman J, Jenny H, Lin Y, Moccia A, Rashad R, Sood R, Raykar NP, **Shrime MG**. Quality of essential surgical care in low- and middle-income countries: a systematic review of the literature. *International Journal for Quality in Health Care* 2018. doi: 10.1093/intqhc/mzy141.
15. Scott JW, **Shrime MG**. Response to: "Reducing the burden of catastrophic health expenditure in the United States". *Annals of Surgery*. 2018 Jul 1;268(1):e21-2.
16. Naunheim MR, Kozin ED, **Shrime MG**. The value of urgent and emergent care in otolaryngology. *Current Otorhinolaryngology Reports* 2018. 6(3):209-215.
17. Ng-Kamstra JS, Arya S, Greenberg SLM, Kotagal M, Arsenault C, Ljungman D, Yorlets RR, Agarwal A, Frankfurter C, Nikouline A, Lai FYX, Palmqvist CL, Fu T, Mahmood T, Raju S, Sharma S, Marks IH, Bowder A, Pi L, Meara JG, **Shrime MG**. Perioperative mortality rates in low-income and middle-income countries: a systematic review and meta-analysis. *BMJ Global Health* 2018. 3(3): e000810.
18. Scott JW, Raykar NP, Rose JA, Tsai TC, Zogg CK, Haider AH, Salim A, Meara JG, **Shrime MG**. Cured into destitution: Catastrophic health expenditure risk among uninsured trauma patients in the United States. *Annals of Surgery* 2018. 267(6):1093-1099.
19. Scott JW, **Shrime MG**. Response: Health insurance coverage is critical to the financial wellbeing of trauma patients and trauma centers. *Annals of Surgery* 2018. doi: 10.1097/SLA.0000000000002463
20. Dewan MC, Rattani A, Baticulon RE, Faruque S, Johnson WD, Dempsey RJ, Haglund MM, Alkire BC, Park KB, Warf BC, **Shrime MG**. Operative and consultative proportions of neurosurgical disease worldwide: estimation from the surgeon perspective. *Journal of Neurosurgery* 2018. 130(4):1098-1106.
21. Ravindra VM, Senglaub SS, Rattani A, Dewan MC, Härtl R, Bisson E, Park KB, **Shrime MG**. Degenerative lumbar spine disease: estimating global incidence and worldwide volume. *Global Spine Journal* 2018. 8(8):784-794.
22. Bergmark RW, Shaye DA, **Shrime MG**. Surgical care and otolaryngology in global health. *Otolaryngic Clinics of North America* 2018. 51(3):501-513.
23. Albutt K, Yorlets RR, Punchak M, Kayima P, Namanya DB, Anderson GA, **Shrime MG**. You pray to your God: A qualitative analysis of challenges in the provision of safe, timely, and affordable surgical care in Uganda. *PLOS One* 2018. 13(4): e0195986.
24. White MC, Randall K, Alcorn D, Greenland R, Glasgo C, **Shrime MG**. Measurement of patient-reported disability using WHODAS 2.0 before and after surgical intervention in Madagascar. *BMC Health Services Research* 2018. 18(1):305.

25. White MC, Randall K, Avara E, Mullis J, Parker G, **Shrime MG**. Clinical outcome, social impact, and patient expectation: a purposive sampling pilot evaluation of patients in Benin seven years after surgery. *World Journal of Surgery* 2018. 42(5):1254-1261.
26. Albutt K, Punchak M, Kayima P, Namanya DB, Anderson GA, **Shrime MG**. Access to safe, timely, and affordable surgical care in Uganda: a stratified randomized evaluation of nationwide public sector surgical capacity and core surgical indicators. *World Journal of Surgery* 2018. 42(8):2303-2313.
27. Saluja S, Nwomeh B, Finlayson SRG, Hotlerman AL, Jawa RS, Jayaraman S, Juillard C, Krishnaswami S, Mukhopadhyay S, Rickard J, Weiser TG, Yang GP, **Shrime MG**. Guide to research in academic global surgery: A statement of the Society of University Surgeons Global Academic Surgery Committee. *Surgery* 2018. 163(2):463-466.
28. White MC, Baxter LS, Close KL, Ravelojaona VA, Rakotoarison HN, Bruno E, Herbert A, Andean V, Callahan J, Andriamanjato HH, **Shrime MG**. Evaluation of a countrywide implementation of the world health organisation surgical safety checklist in Madagascar. *PLoS One* 2018. 13(2): e0191849
29. Anderson GA, Ilcisin L, Kayima P, Abesiga L, Portal Benitez N, Ngonzi J, Ronald M, **Shrime MG**. Out-of-pocket payment for surgery in Uganda: The rate of impoverishing and catastrophic expenditure at a government hospital. *PLoS One*. 12(10):e0187293.
30. White MC, Hamer M, Biddell J, Claus N, Randall K, Alcorn D, Parker G, **Shrime MG**. Facilitating access to surgical care through a decentralised case-finding strategy: experience in Madagascar. *BMJ Global Health* 2017. 2(3):e000427.
31. Naunheim MR, Wittenberg E, **Shrime MG**. Patient preference research in otolaryngology—what do patients want? *JAMA Otolaryngology—Head and Neck Surgery* 2017. 143(10):971-972.
32. Naunheim MR, Rathi VK, Naunheim ML, Alkire BC, Lam AC, Song PC, **Shrime MG**. What do patients want from otolaryngologists? A discrete choice experiment. *Otolaryngology—Head and Neck Surgery* 2017. 157(4):618-624.
33. Massenburg BB, Saluja S, Jenny HE, Raykar NP, Ng-Kamstra J, Guilloux AGA, Scheffer MC, Meara JG, Alonso N, **Shrime MG**. Assessing the Brazilian surgical system with six surgical indicators: a descriptive and modelling study. *BMJ Global Health* 2017. 2(2):e000226.
34. Anderson GA, Ilcisin L, Abesiga L, Mayanja R, Portal Benitez N, Ngonzi J, Kayima P, **Shrime MG**. Surgical volume and postoperative mortality rate at a referral hospital in Western Uganda: Measuring the Lancet Commission on Global Surgery indicators in low-resource settings. *Surgery* 2017. 161(6):1710-1719.
35. Naunheim MR, Kozin ED, Sethi RK, Ota HG, Gray ST, **Shrime MG**. Contingent valuation analysis of an otolaryngology and ophthalmology emergency department: The value of acute specialty care. *JAMA Otolaryngology—Head Neck Surg* 2017. 143(3):234-238.
36. Lin BM, White M, Glover A, Wamah GP, Trotti DL, Randall K, Alkire BC, Cheney ML, Parker G, **Shrime MG**. Barriers to surgical care and health outcomes: A prospective study on the relation between wealth, sex, and post-operative complications in the Republic of the Congo. *World Journal of Surgery* 2017. 41(1):14-23.
37. White M, Alcorn D, Randall K, Duncan S, Klassen H, **Shrime MG**. Evaluation of patient satisfaction, impact, and disability-free survival after a surgical mission in Madagascar: a pilot survey. *World Journal of Surgery* 2017. 41(2):364-369.
38. Naunheim MR, Song PC, Franco RA, Alkire BC, **Shrime MG**. Surgical management of bilateral vocal fold paralysis: a cost-effectiveness comparison of two treatments. *Laryngoscope* 2017. 127(3):691-697.
39. Silverstein A, Costas-Chavarri A, Gakwaya MR, Lule J, Mukhopadhyay S, Meara JG, **Shrime MG**. Laparoscopic Versus Open Cholecystectomy: A Cost-Effectiveness Analysis at Rwanda Military Hospital. *World Journal of Surgery* 2017. 41(5):1225-1233.

40. Bruno E, White MC, Baxter LS, Ravelojaona VA, Rakotoarison HN, Andriamanjato HH, Close KL, Herbert A, Raykar N, Saluja S, **Shrime MG**. An evaluation of preparedness, delivery and impact of surgical and anesthesia care in Madagascar: A framework for a National Surgical Plan. *World Journal of Surgery* 2017. 41(5):1218-1224.
41. Corlew DS, Alkire BC, Poenaru D, Meara JG, **Shrime MG**. Economic valuation of the impact of a large surgical charity using the Value of Lost Welfare approach. *BMJ Global Health* 2016. 1:e000059.
42. Ng-Kamstra JS, Greenberg SLM, Abdulla F, Amado V, Anderson GA, Cossa M, Costas-Chavarri A, Davies J, Debas HT, Dyer GSM, Erdene S, Farmer PE, Gaumnitz A, Hagander L, Haider A, Leather AJM, Lin Y, Marten R, Marvin JT, McClain CD, Meara JG, Mehes M, Mock C, Mukhopadhyay S, Orgoi S, Prestero T, Price RR, Raykar NP, Riesel JN, Riviello R, Rudy S, Saluja S, Sullivan R, Tarpley JL, Taylor RH, Telemque L-F, Toma G, Varghese A, Walker M, Yamey G, **Shrime MG**. Global surgery 2030: a roadmap for high-income country actors. *BMJ Global Health* 2016. 1:e000011
43. Ng-Kamstra JS, Riesel JN, Arya S, Weston B, Kreutzer T, Meara JG, **Shrime MG**. Surgical non-governmental organizations: global surgery's unknown nonprofit sector. *World J Surgery* 2016. 40(8):1823-1841.
44. Gutnik LA, Dielman J, Dare AJ, Ramos MS, Riviello R, Meara JG, Yamey G, **Shrime MG**. Financial contribution to global surgery: An analysis of 160 international charitable organizations. *SpringerPlus* 2016. 5:1558.
45. Verguet S, Alkire BC, Bickler SW, Lauer JA, Uribe-Leitz T, Molina G, Weiser TG, Yamey G, **Shrime MG**. Timing and cost of scaling up surgical services in low- and middle-income countries from 2012 to 2030: a modeling study. *Lancet Global Health* 2015. 3:S28-S37.
46. Gutnik LA, Dielman J, Dare AJ, Ramos MS, Riviello R, Meara JG, Yamey G, **Shrime MG**. A retrospective analysis of contributions from the USA. *BMJ Open* 2015. 5: e008780.
47. Naunheim MR, Kozin ED, Sethi RK, Ota HG, Gray ST, **Shrime MG**. Cost-benefit analysis of an otolaryngology emergency room using a contingent valuation approach. *Otolaryngology—Head and Neck Surgery* 2015. 153(4):575-581.

PEER-
REVIEWED
PUBLICATIONS
(OTHER)

1. Peters AW, Yorlets RR, **Shrime MG**, Alkire BC. The macroeconomic consequences of firearm-related fatalities in OECD countries, 2018-30: A value-of-lost-output analysis. *Health Aff (Millwood)* 2020. 39(11):1961-1969.
2. Jarman MP, Bergmark RW, Chhabra K, Scott JW, **Shrime MG**, Cooper Z, Tsai T. The surgical health services research agenda for the COVID-19 pandemic. *Annals of Surgery* 2020. 272(3):e226-e229.
3. Niyikuri A, Smith ER, Vervoort D, **Shrime MG**, Brown S, Peters AW, Yamey G, Makasa E. Top 10 resources in global surgery. *Glob Health Sci Pract* 2020 8(3):606-611.
4. Konijeti GG, Grandhe S, Tincopa M, Lane JA, **Shrime MG**, Sing S, Loomba R. Cost-effectiveness analysis of screening for hepatitis B virus infection in patients with solid tumors before initiating chemotherapy. *Clinical Gastroenterology and Hepatology* 2020. 18(7):1600-1608.
5. Scott JW, **Shrime MG**, Stewart BT, Arbabi S, Bulger EM, Cuschieri J, Maier RV, Robinson BRH. Authors Reply: Understanding state-level Medicaid expansion in the context of nationwide data. *Journal of Trauma and Acute Care Surgery* 2020. 89(2):e20-e21.
6. DeVore EK, **Shrime MG**, Wittenberg E, Franco RA, Song PC, Naunheim MR. The health utility of mild and severe dysphonia. *Laryngoscope* 2020. 130(5):1256-1262.
7. Scangas GA, Wu AW, Ting JY, Metson R, Walgama E, **Shrime MG**, Higgins TS. Cost utility analysis of dupilumab versus endoscopic sinus surgery for chronic rhinosinusitis with nasal polyps. *Laryngoscope* 2020. Epub ahead of print.
8. Iverson KR, Ahearn O, Citron I, Garringer K, Mukhopadhyay S, Teshome A, Bekele A, Workneh S, Workneh RS, Zemenfeskidus S, Gultie T, Varghese A, **Shrime MG**, Meara JG, Burssa D. Development of a surgical

assessment tool for national policy monitoring & evaluation in Ethiopia: a quality improvement study. *International Journal of Surgery* 2020. 80:231-240.

9. Rocha TAH, Vissoci J, Rocha A, Poenaru D, **Shrime MG**, Smith ER, Rice HE. Towards defining the surgical workforce for children: a geospatial analysis in Brazil. *BMJ Open* 2020. 10(3):e034253.
10. Patterson RH, Fischman VG, Wasserman I, Siu J, **Shrime MG**, Fagan JJ, Koch W, Alkire BC. Global burden of head and neck cancer: economic consequences, health, and the role of surgery. *Otolaryngology—Head and Neck Surgery* 2020. 162(3):296-303.
11. Smith ER, Concepcion TL, **Shrime MG**, Niemeier K, Mohamed M, Dahir S, Ismail EA, Poenaru D, Rice HE. Waiting too long: the contribution of delayed surgical access to pediatric disease burden in Somaliland. *World Journal of Surgery* 2020. 44(3):656-664.
12. Scott JW, **Shrime MG**, Stewart BT, Arbabi S, Bulger EM, Cuschier J, Maier RV, Robinson BRH. Lifting the burden: State Medicaid expansion reduces financial risk for the injured. *Journal of Trauma and Acute Care Surgery* 2020. 88(1):51-58.
13. Smith ER, Concepcion TL, **Shrime MG**, Niemeier K, Mohamed M, Dahir S, Ismail EA, Poenaru D, Rice HE. Waiting Too Long: The Contribution of Delayed Surgical Access to Pediatric Disease Burden in Somaliland. *World Journal of Surgery* 2020. 44(3):656-664
14. Global Burden of Disease Health Financing Collaborator Network. Health sector spending and spending on HIV/AIDS, tuberculosis, and malaria, and development assistance for health: progress towards Sustainable Development Goal 3. *Lancet* 2020. 396(10252):693-724.
15. Global OHNS collaborative. Challenges facing otolaryngologists in low- and middle-income countries during the COVID-19 pandemic. *Int J Pediatr Otolaryngology* 2020. 138:110322.
16. GBD 2019 Demographics Collaborators. Global age-sex-specific fertility, mortality, healthy life expectancy (HALE), and population estimates in 204 countries and territories, 1950-2019: a comprehensive demographic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020. 396(10258):1160-1203.
17. GBD 2019 Diseases and Injuries Collaborators. Global burden of 369 diseases and injuries in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020. 396(10258):1204-1222.
18. GBD 2019 Viewpoint Collaborators. Five insights from the Global Burden of Disease Study 2019. *Lancet* 2020. 396(10258):1135-1159.
19. GBD 2019 Universal Health Coverage Collaborators. Measuring universal health coverage based on an index of effective coverage of health services in 204 countries and territories, 1990-2019: a systematic analysis for the Global Burden of Disease Study 2019. *Lancet* 2020. 396(10258):1250-1284.
20. Albutt K, Drevin G, Yorlets RR, Svensson E, Namanya DB, **Shrime MG**, Kayima P. ‘We are all serving the same Ugandans’: A nationwide mixed-methods evaluation of private sector surgical capacity in Uganda. *PloS One* 2019. 14(10).
21. Iverson KR, Garringer K, Ahearn O, Alidina S, Citron I, Esseye S, Teshome A, Mukhopadhyay S, Burssa S, Mengistu A, Ashengo T, Meara JG, Barash D, Drown L, Kuchukhidze S, Reynolds C, Joshua B, Barringer E, Skeels A, **Shrime MG**, Gultie T, Sharma S, Geiger J. Mixed-methods assessment of surgical capacity in two regions in Ethiopia. *British Journal of Surgery* 2019. 106(2):e81-90.
22. Holmer H, Bekele A, Hagander L, Harrison EM, Kamali P, Ng-Kamstra JS, Khan MA, Knowlton L, Leather AJ, Marks IH, Meara JG, **Shrime MG**, Smith M, Søreide K, Weiser TG, Davies J. Evaluating the collection, comparability and findings of six global surgery indicators. *British Journal of Surgery* 2019. 106(2):e138-50.
23. Bernard L, Giles A, Fabiano S, Giles S, Hudgins S, Olson A, **Shrime MG**, Feldman S, Riviello R. Predictors of obstetric fistula repair outcomes in Lubango, Angola. *Journal of Obstetrics and Gynaecology Canada* 2019. 41(12):1726-1733.

24. Odhiambo J, Ruhumuriza J, Nkurunziza T, Riviello R, **Shrime MG**, Lin Y, Rusangwa C, Omondi JM, Toma G, Nyirimodoka A, Mpunga T. Health facility cost of Cesarean delivery at a rural district hospital in Rwanda using time-driven activity-based costing. *Maternal and Child Health Journal* 2019. 23(5):613-622.
25. Juran S, Gruendl M, Marks IH, Broer PN, Guzman JM, Davies JI, **Shrime MG**, Johnson W, Holmer H, Peck G, Makasa E, Hagander L, Klug SJ, Meara JG, Gelb AW, Ljungman D. The need to collect, aggregate, and analyze global anesthesia and surgery data. *Canadian Journal of Anesthesia* 2019. Feb 15;66(2):218-229.
26. Global Burden of Disease Health Financing Collaborator Network. Past, present, and future of global health financing: a review of development assistance, government, out-of-pocket, and other private spending on health for 195 countries, 1995–2050. *Lancet* 2019. 393(10187):1-7.
27. Rickard J, Onwuka E, Joseph S, Ozgediz D, Krishnaswami S, Oyetunji TA, Sharma J, Ginwalla RF, Nwomeh BC, Jayaraman S, Aboutanos MA, Bickler SW, Calland JF, Caty MG, Charles A, DeUgarte DA, Dicker R, Farmer DL, Gonzalez L, Haider A, Juillard C, Lanning D, Latifi R, Nwariaku F, Pawlik T, Peck GL, Price R, Puyana JC, Remick KN, Riviello R, Rodas EB, Rogers SO, **Shrime MG**, Stehr W, Swaroop M, Tarpley JL, Tefera G, Vyas D, Weiser TG, Wren SM. Value of global surgery activities for US academic health centers: a position paper by the Association for Academic Surgery Global Affairs Committee, Society of University Surgeons Committee on Global Academic Surgery, and American College of Surgeons' Operation Giving Back. *Journal of the American College of Surgeons* 2018. 227(4):455-466.
28. Alkire BC, Peters AW, **Shrime MG**, Meara JG. The economic consequences of mortality amenable to high-quality health care in low- and middle-income countries. *Health Affairs (Millwood)* 2018. 37(6):988-966
29. Rudolfson N, Dewan MC, Park KB, **Shrime MG**, Meara JG, Alkire BC. The economic consequences of neurosurgical disease in low-and middle-income countries. *Journal of Neurosurgery* 2018. 130(4):1149-1156.
30. White MC, Randall K, Ravelogaona VA, Andriamanjato HH, Andean V, Callaha J, **Shrime MG**, Russ S, Leather AJ, Sevdalis N. Sustainability of using the WHO surgical safety checklist: a mixed-methods longitudinal evaluation following a nationwide blended educational implementation strategy in Madagascar. *BMJ Global Health* 2018. 3(6):e001104.
31. Smith ER, Concepcion T, Lim S, Sadler S, Poenaru D, Saxton AT, **Shrime MG**, Ameh E, Rice HE. Disability weights for pediatric surgical procedures: a systematic review and analysis. *World Journal of Surgery* 2018. 42(9):3021-3034.
32. GBD 2017 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 354 diseases and injuries for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):1789-1858.
33. GBD 2017 Causes of Death Collaborators. Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):1736-1788.
34. GBD 2017 SDG Collaborators. Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):2091-2138.
35. GBD 2017 Mortality Collaborators. Global, regional, and national age-sex-specific mortality and life expectancy, 1950–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):1684-1735.
36. GBD 2017 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 359 diseases and injuries and healthy life expectancy (HALE) for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):1859-1922.

37. GBD 2017 Risk Factor Collaborators. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990–2017: a systematic analysis for the Global Burden of Disease Study 2017. *Lancet* 2018. 392(10159):1923-1994.
38. Burssa D, Teshome A, Iverson K, Ahearn O, Ashengo T, Barash D, Barringer E, Citron I, Garringer K, McKittrick V, Meara JG, Mengistu A, Mukhopadhyay S, Reynolds C, **Shrime MG**, Varghese A, Esseye S, Bekele A. Authors' Reply: Safe surgery for all: Early lessons from implementing a national government-driven surgical plan in Ethiopia. *World Journal of Surgery* 2018. 41(12):3038-3045.
39. Global Burden of Disease Health Financing Collaborator Network. Trends in future health financing and coverage: future health spending and universal health coverage in 188 countries, 2016–40. *Lancet* 2018. 391(10132):1783-1798.
40. GBD 2016 Healthcare Access and Quality Collaborators. Measuring performance on the Healthcare Access and Quality Index for 195 countries and territories and selected subnational locations: a systematic analysis from the Global Burden of Disease Study 2016. *Lancet* 2018. 391(10136):2236-2271.
41. Dewan MC, Rattani A, Gupta S, Baticulon RE, Hung Y-C, Punchak M, Agrawal A, Adeleye AO, **Shrime MG**, Rubiano AM, Rosenfeld JV, Park KB. Estimating the global incidence of traumatic brain injury. *Journal of Neurosurgery* 2018. 130(4):1080-1097.
42. Citron I, Amundson J, Saluja S, Guilloux A, Jenny H, Scheffer M, **Shrime MG**, Alonso N. Assessing burn care in Brazil: An epidemiologic, cross-sectional, nationwide study. *Surgery* 2018. 163(5):1165-1172.
43. Watters DA, Guest GD, Tangi V, **Shrime MG**, Meara JG. Global surgery system strengthening: it is all about the right metrics. *Anesthesia and Analgesia* 2018. 126(4):1329-1339.
44. Ruhumuriza J, Odhiambo J, Riviello R, Lin Y, Nkurunziza T, **Shrime MG**, Maine R, Omondi JM, Mpirimbanyi C, de la Paix Sebakarane J, Hagugimana P, Rusangwa C, Hedt-Gauthier B. Assessing the cost of laparotomy at a rural district hospital in Rwanda using time-driven activity-based costing. *BJS Open* 2018. 2(1):25-33.
45. Gupta S, Klaric K, Sam N, Din V, Juschkewitz T, Iv V, **Shrime MG**, Park KB. Impact of helmet use traumatic brain injury from road traffic accidents in Cambodia. *Traffic Injury Prevention* 2018. 19(1):66-70.
46. Scangas GA, Lehmann AE, Remenschneider AK, Su BM, **Shrime MG**, Metson R. The value of frontal sinusotomy for chronic rhinosinusitis with nasal polyps—a cost-utility study. *Laryngoscope* 2018. 128(1):143-151.
47. Naunheim MR, Naunheim ML, Rathi VK, Franco RA, **Shrime MG**, Song PC. Patient preferences in subglottic stenosis: a discrete choice experiment. *Otolaryngology—Head and Neck Surgery* 2018. 158(3):520-526.
48. Chua K-P, **Shrime MG**, Conti RM. Effect of FDA investigation on opioid prescribing to children after tonsillectomy/adenoidectomy. *Pediatrics* 2017. 140(6): e20171765
49. Jenny HE, Massenburg BB, Saluja S, Meara JG, **Shrime MG**, Alonso N. Efficacy of facilitated capacity building in providing cleft lip and palate in low- and middle-income countries. *Journal of Craniofacial Surgery* 2017. 28(7):1737-1741.
50. Burssa D, Teshome A, Iverson K, Ahearn O, Ashengo T, Barash D, Barringer E, Citron I, Garringer K, McKittrick V, Meara JG, Mengistu A, Mukhopadhyay S, Reynolds C, **Shrime MG**, Varghese A, Esseye S, Bekele A. Safe surgery for all: Early lessons from implementing a national government-driven surgical plan in Ethiopia. *World Journal of Surgery* 2017. 41(12):3038-3045.
51. Scangas GA, Remenschneider AK, Su BM, **Shrime MG**, Metson R. The impact of asthma on the cost-effectiveness of surgery for chronic rhinosinusitis with nasal polyps. *International Forum of Allergy and Rhinology* 2017. 7(11):1035-1044.

52. GBD Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet* 2017. 390:1345-1422.
53. GBD 2016 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 328 diseases and injuries for 195 countries, 1990–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet* 2017. 390:1211-1259.
54. GBD 2016 Mortality Collaborators. Global, regional, and national under-5 mortality, adult mortality, age-specific mortality, and life expectancy, 1970–2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet* 2017. 390:1085-1150.
55. GBD 2016 Cause of Death Collaborators. Global, regional, and national age-sex specific mortality for 264 causes of death, 1980-2016: a systematic analysis for the Global Burden of Disease Study 2016. *Lancet* 2017. 390(10100):1151-1210.
56. GBD 2016 SDG Collaborators. Measuring progress and projecting attainment on the basis of past trends of the health-related Sustainable Development Goals in 188 countries: an analysis from the Global Burden of Disease Study 2016. *Lancet* 2017. 390(10100):1423-1459.
57. Raykar NP, Ng-Kamstra JS, Bickler S, Davies J, Greenberg SLM, Hagander L, Johnson W, Leather AJM, McQueen KA, Mukhopadhyay S, Suzuki E, Weiser T, **Shrime MG**, Meara JG. New global surgical and anaesthesia indicators in the World Development Indicators dataset. *BMJ Global Health* 2017. 2(2):e000265.
58. Baxter LS, Ravelojaona VA, Rakotoarison HN, Herbert A, Bruno E, Close KL, Andean V, Andriamanjato HH, **Shrime MG**, White MC. An observational assessment of anesthesia capacity in Madagascar as a prerequisite to the development of a National Surgical Plan. *Anesthesia Analgesia* 2017. 124(6):2001-2007.
59. Moran D, **Shrime MG**, Nang S, Vycheth I, Vuthy D, Hong R, Padula WV, Park KB. Cost-effectiveness of craniotomy for epidural hematomas at a major government hospital in Cambodia. *World J Surg* 2017. 41(9):2215-2223.
60. Gupta S, Iv V, Sam N, Vuthy D, Klaric K, **Shrime MG**, Park KB. Impact of helmet use on severity of epidural hematomas in Cambodia. *World Neurosurgery* 2017. 100:267-270.
61. GBD 2015 Healthcare Access and Quality Collaborators. Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. *Lancet* 2017. 390(10091):231-266.
62. Global Burden of Disease Health Financing Collaborator Network. Evolution and patterns of global health financing 1995-2014: development assistance for health, and government, prepaid private, and out-of-pocket health spending in 184 countries. *Lancet* 2017. 389(10083):1981-2004.
63. Scott JW, Neiman PU, Najjar PA, Tsai TC, Scott KW, **Shrime MG**, Cutler DM, Salim A, Haider AH. Potential impact of Affordable Care Act-related insurance expansion on trauma care reimbursement. *J Trauma Acute Care Surg* 2017. 82(5):887-895.
64. Scangas GA, Remenschneider AK, Su BM, **Shrime MG**, Metson R. Cost utility analysis of endoscopic sinus surgery for chronic rhinosinusitis with and without nasal polyposis. *Laryngoscope* 2017. 127(1):29-37.
65. Sethi RK, Kozin ED, Naunheim MR, Rosen M, **Shrime MG**, Sedaghat AR, Gray ST. Variable utilization patterns of computed tomography for rhinosinusitis in emergency departments. *Laryngoscope* 2017. 127(3):537-543.
66. Global Burden of Disease Cancer Collaboration., Fitzmaurice C, Allen C, Barber RM, Barregard L, Bhutta ZA, Brenner H, Dicker DJ, Chimed-Orchir O, Dandona R, Dandona L, Fleming T, Forouzanfar MH, Hancock J, Hay RJ, Hunter-Merrill R, Huynh C, Hosgood HD, Johnson CO, Jonas JB, Khubchandani J, Kumar GA, Kutz M, Lan Q, Larson HJ, Liang X, Lim SS, Lopez AD, MacIntyre MF, Marczak L, Marquez N, Mokdad AH, Pinho

- C, Pourmalek F, Salomon JA, Sanabria JR, Sandar L, Sartorius B, Schwartz SM, Shackelford KA, Shibuya K, Stanaway J, Steiner C, Sun J, Takahashi K, Vollset SE, Vos T, Wagner JA, Wang H, Westerman R, Zeeb H, Zoeckler L, Abd-Allah F, Ahmed MB, Alabed S, Alam NK, Aldhahri SF, Alem G, Alemayohu MA, Ali R, Al-Raddadi R, Amare A, Amoako Y, Artaman A, Asayesh H, Atnafu N, Awasthi A, Saleem HB, Barac A, Bedi N, Bensenor I, Berhane A, Bernabé E, Betsu B, Binagwaho A, Boneya D, Campos-Nonato I, Castañeda-Orjuela C, Catalá-López F, Chiang P, Chibueze C, Chitheer A, Choi JY, Cowie B, Damtew S, das Neves J, Dey S, Dharmaratne S, Dhillon P, Ding E, Driscoll T, Ekwueme D, Endries AY, Farvid M, Farzadfar F, Fernandes J, Fischer F, G/Hiwot TT, Gebru A, Gopalani S, Hailu A, Horino M, Horita N, Hussein A, Huybrechts I, Inoue M, Islami F, Jakovljevic M, James S, Javanbakht M, Jee SH, Kasacian A, Kedir MS, Khader YS, Khang YH, Kim D, Leigh J, Linn S, Lunevicius R, El Razek HM, Malekzadeh R, Malta DC, Marcenes W, Markos D, Melaku YA, Meles KG, Mendoza W, Mengiste DT, Meretoja TJ, Miller TR, Mohammad KA, Mohammadi A, Mohammed S, Moradi-Lakeh M, Nagel G, Nand D, Le Nguyen Q, Nolte S, Ogbo FA, Oladimeji KE, Oren E, Pa M, Park EK, Pereira DM, Plass D, Qorbani M, Radfar A, Rafay A, Rahman M, Rana SM, Søreide K, Satpathy M, Sawhney M, Sepanlou SG, Shaikh MA, She J, Shiue I, Shore HR, **Shrime MG**, So S, Soneji S, Stathopoulou V, Stroumpoulis K, Sufiyan MB, Sykes BL, Tabarés-Seisdedos R, Tadese F, Tedla BA, Tessema GA, Thakur JS, Tran BX, Ukwaja KN, Uzochukwu BS, Vlassov VV, Weiderpass E, Wubshet Terefe M, Yeboyo HG, Yimam HH, Yonemoto N, Younis MZ, Yu C, Zaidi Z, Zaki ME, Zenebe ZM, Murray CJ, Naghavi M. Global, Regional, and National Cancer Incidence, Mortality, Years of Life Lost, Years Lived With Disability, and Disability-Adjusted Life-years for 32 Cancer Groups, 1990 to 2015: A Systematic Analysis for the Global Burden of Disease Study. *JAMA Oncology* 2017. 3(4):524-548Dec 3. doi: 10.1001/jamaoncol.2016.5688
67. Massenburg BB, Jenny HE, Saluja S, Meara JG, **Shrime MG**, Alonso N. Barriers to cleft lip and palate repair around the world. *Journal of Craniofacial Surgery* 2016. 27(7):1741-1745.
68. Scott JW, Rose JA, Tsai TT, Zogg CK, **Shrime MG**, Sommers BD, Salim A, Haider A. Impact of the ACA insurance coverage expansion on rates of appendicitis perforation among young adults. *Medical Care* 2016. 54(9):818-826.
69. GBD Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016. 388(10053):1659-1724.
70. GBD Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016 388(10053):1545-1602.
71. GBD 2015 Mortality and Causes of Death Collaborators. Global, regional, and national life expectancy, all-cause mortality, and cause-specific mortality for 249 causes of death, 1980-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet* 2016 388(10053):1459-1544
72. Kozin ED, Sethi RK, Herr M, **Shrime MG**, Rocco JW, Lin D, Deschler DG, Emerick KS. Comparison of perioperative outcomes between the supraclavicular artery island flap and fasciocutaneous free flap. *Otolaryngology—Head and Neck Surgery* 2015. 154(1):66-72.
73. Holmer H, **Shrime MG**, Reisel JN, Meara JG, Hagander L. Towards closing the gap of the global surgeon, anaesthesiologist, and obstetrician workforce: thresholds and projections towards 2030. *Lancet* 2015. 385:S40.
74. Meara JG, Leather AJ, Hagander L, Alkire BC, Bickler SW, Alonso N, Ameh EA, Conteh L, Dare AJ, Rodas E, Mkandawire NC, El-Hlabi S, Gruen RL, Verguet S, Derivois Merisier E, Sullivan R, Yamey G, Lavy C, Weiser TG, Rose J, Kamara TB, Wilson IH, **Shrime MG**, Grimes CE, Lundeg G, Gillies R, Farmer PE, Raykar N, Riesel JN, Yip W, Greenberg SL, Roy N, Adnan Ismail E, Davies J, Gawande AA. The *Lancet* Commission on Global Surgery. *Lancet* 2015. 386(9995):743-800.

75. Sullivan R, Alatisse OI, Anderson BO, Audisio R, Autier P, Aggarwal A, Balch C, Brennan M, Dare A, D’Cruz A, Eggermont AMM, Fleming K, Gueye SM, Hagander L, Herrera CA, Holmer H, Ilbawi AM, Jarnheimer A, Ji JF, Kingham TP, Liberman J, Leather AJM, Meara JG, Mukhopadhyay S, Murthy SS, Omar S, Parham GP, Pramesh CS, Riviello R, Rodin D, Santini L, Shrikhande SV, **Shrime MG**, Thomas R, Tsunoda AT, Watters D, Wang S, Wu YL, van de Velde C, Veronesi U, Vijaykumar DK, Zeiton M, Purushotham A. The *Lancet Oncology* commission on global cancer surgery: Delivering safe and affordable cancer surgery to all. *Lancet Oncology* 2015. **16**(11):1193-1224.
76. Verguet S, Olson ZD, Babigumira JB, Desalegn D, Johansson KA, Kruk ME, Levin CE, Nugent RA, Pecenka C, **Shrime MG**, Memirie S, Watkins DA, Jamison DT. Health gains and financial risk protection afforded from selected interventions in Ethiopia: an extended cost-effectiveness analysis. *Lancet Global Health* 2015. **3**:e288-296.
77. Alkire BC, **Shrime MG**, Dare AJ, Vincent JR, Meara JG. The global economic consequences of selected surgical diseases: a modeling study. *Lancet Global Health* 2015. **3**:S21-S26.
78. Raykar N, Alkire BC, **Shrime MG**, Weiser TG, Bickler SW, Rose J, Nutt CT, Greenberg SL, Kotagal M, Riesel JN, Esquivel M, Uribe-Leitz T, Molina G, Roy N, Meara JG, Farmer PE. Global access to surgical care: a modeling exercise. *Lancet Global Health* 2015. **3**(6):e316-323.
79. Kozin ED, Sethi RK, Remenschneider AK, Kaplan AB, de Portal DA, Gray ST, **Shrime MG**, Lee DJ. Epidemiology of otologic diagnoses in the United States. *Laryngoscope* 2015. **125**(8):1926-33
doi: 10.1002/lary.25197
80. Mock C, Donkor P, Gawande AA, Jamison DT, Kruk ME, Debas HT, DCP3 Essential Surgery author group. Essential surgery: key messages from the *Disease Control Priorities*, 3rd edition. *Lancet* 2015. **385**(9983):2209-19. doi: 10.1016/S0140-6736(15)60091-5
81. Global Burden of Disease Cancer Collaboration, Fitzmaurice C, Dicker D, Pain A, Hamavid H, Moradi-Lakeh M, MacIntyre MF, Allen C, Hansen G, Woodbrook R, Wolfe C, Hamadeh RR, Moore A, Werdecker A, Gessner BD, Te Ao B, McMahon B, Karimkhani C, Yu C, Cooke GS, Schwebel DC, Carpenter DO, Pereira DM, Nash D, Kazi DS, De Leo D, Plass D, Ukwaia KN, Thurston GD, Yun Jin K, Simard EP, Mills E, Park EK, Catalá-López F, deVeber G, Gotay C, Khan G, Hosgood HD 3rd, Santos IS, Leasher JL, Singh J, Leigh J, Jonas J, Sanabria J, Beardsley J, Jacobsen KH, Takahashi K, Franklin RC, Ronfani L, Montico M, Naldi L, Tonelli M, Geleijnse J, Petzold M, **Shrime MG**, Younis M, Yonemoto N, Breitborde N, Yip P, Pourmalek F, Lotufo PA, Esteghamati A, Hankey GJ, Ali R, Lunevicius R, Malekzadeh R, Dellavalle R, Weintraub R, Lucas R, Hay R, Rojas-Rueda D, Westerman R, Sepanlou SG, Nolte S, Patten S, Weichenthal S, Abera SF, Fereshhtehnejad SM, Shiue I, Driscoll T, Vasankari T, Alsharif U, Rahimi-Movaghar V, Vlassov VV, Marcenes WS, Mekonnen W, Melaku YA, Yano Y, Artaman A, Campos I, MacLachlan J, Mueller U, Kim D, Trillini M, Eshrati B, Williams HC, Shibuya K, Dandona R, Murthy K, Cowie B, Amare AT, Antonio CA, Castañeda-Orjuela C, van Gool CH, Violante F, Oh IH, Deribe K, Soreide K, Knibbs L, Kereselidze M, Green M, Cardenas R, Roy N, Tillman T, Li Y, Krueger H, Monasta L, Dey S, Sheikhbahaei S, Hafezi-Nejad N, Kumar GA, Sreeramareddy CT, Dandona L, Wang H, Vollset SE, Mokdad A, Salomon JA, Lozano R, Vos T, Forouzanfar M, Lopez A, Murray C, Naghavi M. The global burden of cancer. *JAMA Oncol* 2015. **1**(4):505-527.
82. GBD 2013 DALYs and HALE Collaborators, Murray CJ, Barber RM, Foreman KJ, Ozgoren AA, Abd-Allah F, Abera SF, Aboyans V, Abraham JP, Abubakar I, Abu-Raddad LJ, Abu-Rmeileh NM, Achoki T, Ackerman IN, Ademi Z, Adou AK, Adsuar JC, Afshin A, Agardh EE, Alam SS, Alasfoor D, Albittar MI, Alegretti MA, Alemu ZA, Alfonso-Cristancho R, Alhabib S, Ali R, Alla F, Allebeck P, Almazroa MA, Alsharif U, Alvarez E, Alvis-Guzman N, Amare AT, Ameh EA, Amini H, Ammar W, Anderson HR, Anderson BO, Antonio CA, Anwari P, Arnlöv J, Arsenijevic VS, Artaman A, Asghar RJ, Assadi R, Atkins LS, Avila MA, Awuah B, Bachman VF, Badawi A, Bahit MC, Balakrishnan K, Banerjee A, Barker-Collo SL, Barquera S, Barregard L, Barrero LH, Basu A, Basu S, Basulaiman MO, Beardsley J, Bedi N, Beghi E, Bekele T, Bell ML, Benjet C, Bennett DA, Bensenor IM, Benzian H, Bernabé E, Bertozzi-Villa A, Beyene TJ, Bhala N, Bhalla A, Bhutta ZA, Bienhoff K, Bikbov B, Biryukov S, Blore JD, Blosser CD, Blyth FM, Bohensky MA, Bolliger IW, Başara BB, Bornstein NM, Bose D, Boufous S, Bourne RR, Boyers LN, Brainin M, Brayne CE, Brazinova A, Breitborde NJ, Brenner H, Briggs AD, Brooks PM, Brown JC, Brughla TS, Buchbinder R, Buckle GC, Budke CM, Bulchis A, Bulloch AG, Campos-Nonato IR, Carabin H, Carapetis JR, Cárdenas R, Carpenter DO, Caso V, Castañeda-Orjuela CA, Castro RE,

Catalá-López F, Cavalleri F, Çavlin A, Chadha VK, Chang JC, Charlson FJ, Chen H, Chen W, Chiang PP, Chimed-Ochir O, Chowdhury R, Christensen H, Christophi CA, Cirillo M, Coates MM, Coffeng LE, Coggeshall MS, Colistro V, Colquhoun SM, Cooke GS, Cooper C, Cooper LT, Coppola LM, Cortinovis M, Criqui MH, Crump JA, Cuevas-Nasu L, Danawi H, Dandona L, Dandona R, Dansereau E, Dargan PI, Davey G, Davis A, Davitoiu DV, Dayama A, De Leo D, Degenhardt L, Del Pozo-Cruz B, Dellavalle RP, Deribe K, Derrett S, Jarlais DC, Dessalegn M, Dharmaratne SD, Dherani MK, Diaz-Torné C, Dicker D, Ding EL, Dokova K, Dorsey ER, Driscoll TR, Duan L, Duber HC, Ebel BE, Edmond KM, Elshrek YM, Endres M, Ermakov SP, Erskine HE, Eshrati B, Esteghamati A, Estep K, Faraon EJ, Farzadfar F, Fay DF, Feigin VL, Felson DT, Fereshtehnejad SM, Fernandes JG, Ferrari AJ, Fitzmaurice C, Flaxman AD, Fleming TD, Foigt N, Forouzanfar MH, Fowkes FG, Paleo UF, Franklin RC, Fürst T, Gabbe B, Gaffikin L, Gankpé FG, Geleijnse JM, Gessner BD, Gething P, Gibney KB, Giroud M, Giussani G, Dantes HG, Gona P, González-Medina D, Gosselin RA, Gotay CC, Goto A, Gouda HN, Graetz N, Gughani HC, Gupta R, Gupta R, Gutiérrez RA, Haagsma J, Hafezi-Nejad N, Hagan H, Halasa YA, Hamadeh RR, Hamavid H, Hammami M, Hancock J, Hankey GJ, Hansen GM, Hao Y, Harb HL, Haro JM, Havmoeller R, Hay SI, Hay RJ, Heredia-Pi IB, Heuton KR, Heydarpour P, Higashi H, Hijar M, Hoek HW, Hoffman HJ, Hosgood HD, Hossain M, Hotez PJ, Hoy DG, Hsairi M, Hu G, Huang C, Huang JJ, Husseini A, Huynh C, Iannarone ML, Iburg KM, Innos K, Inoue M, Islami F, Jacobsen KH, Jarvis DL, Jassal SK, Jee SH, Jeemon P, Jensen PN, Jha V, Jiang G, Jiang Y, Jonas JB, Juel K, Kan H, Karch A, Karema CK, Karimkhani C, Karthikeyan G, Kassebaum NJ, Kaul A, Kawakami N, Kazanjan K, Kemp AH, Kengne AP, Keren A, Khader YS, Khalifa SE, Khan EA, Khan G, Khang YH, Kieling C, Kim D, Kim S, Kim Y, Kinfu Y, Kinge JM, Kivipelto M, Knibbs LD, Knudsen AK, Kokubo Y, Kosen S, Krishnaswami S, Defo BK, Bicer BK, Kuipers EJ, Kulkarni C, Kulkarni VS, Kumar GA, Kyu HH, Lai T, Lalloo R, Lallukka T, Lam H, Lan Q, Lansingh VC, Larsson A, Lawrynowicz AE, Leasher JL, Leigh J, Leung R, Levitz CE, Li B, Li Y, Li Y, Lim SS, Lind M, Lipshultz SE, Liu S, Liu Y, Lloyd BK, Lofgren KT, Logroscino G, Looker KJ, Lortet-Tieulent J, Lotufo PA, Lozano R, Lucas RM, Lunevicius R, Lyons RA, Ma S, Macintyre MF, Mackay MT, Majdan M, Malekzadeh R, Marcenés W, Margolis DJ, Margono C, Marzan MB, Masci JR, Mashal MT, Matzopoulos R, Mayosi BM, Mazorodze TT, McGill NW, Mcgrath JJ, Mckee M, Mclain A, Meaney PA, Medina C, Mehndiratta MM, Mekonnen W, Melaku YA, Meltzer M, Memish ZA, Mensah GA, Meretoja A, Mhimbira FA, Micha R, Miller TR, Mills EJ, Mitchell PB, Mock CN, Ibrahim NM, Mohammad KA, Mokdad AH, Mola GL, Monasta L, Hernandez JC, Montico M, Montine TJ, Mooney MD, Moore AR, Moradi-Lakeh M, Moran AE, Mori R, Moschandreas J, Moturi WN, Moyer ML, Mozaffarian D, Msemburi WT, Mueller UO, Mukaigawara M, Mullany EC, Murdoch ME, Murray J, Murthy KS, Naghavi M, Naheed A, Naidoo KS, Naldi L, Nand D, Nangia V, Narayan KM, Nejjari C, Neupane SP, Newton CR, Ng M, Ngalesoni FN, Nguyen G, Nisar MI, Nolte S, Norheim OF, Norman RE, Norrving B, Nyakarahuka L, Oh IH, Ohkubo T, Ohno SL, Olusanya BO, Opio JN, Ortblad K, Ortiz A, Pain AW, Pandian JD, Panelo CI, Papachristou C, Park EK, Park JH, Patten SB, Patton GC, Paul VK, Pavlin BI, Pearce N, Pereira DM, Perez-Padilla R, Perez-Ruiz F, Perico N, Pervaiz A, Pesudovs K, Peterson CB, Petzold M, Phillips MR, Phillips BK, Phillips DE, Piel FB, Plass D, Poenaru D, Polinder S, Pope D, Popova S, Poulton RG, Pourmalek F, Prabhakaran D, Prasad NM, Pullan RL, Qato DM, Quistberg DA, Rafay A, Rahimi K, Rahman SU, Raju M, Rana SM, Razavi H, Reddy KS, Refaat A, Remuzzi G, Resnikoff S, Ribeiro AL, Richardson L, Richardus JH, Roberts DA, Rojas-Rueda D, Ronfani L, Roth GA, Rothenbacher D, Rothstein DH, Rowley JT, Roy N, Ruhago GM, Saeedi MY, Saha S, Sahraian MA, Sampson UK, Sanabria JR, Sandar L, Santos IS, Satpathy M, Sawhney M, Scarborough P, Schneider IJ, Schöttker B, Schumacher AE, Schwebel DC, Scott JG, Seedat S, Sepanlou SG, Serina PT, Servan-Mori EE, Shackelford KA, Shaheen A, Shahraz S, Levy TS, Shangguan S, She J, Sheikhbahaei S, Shi P, Shibuya K, Shinohara Y, Shirri R, Shishani K, Shiue I, **Shrime MG**, Sigfusdottir ID, Silberberg DH, Simard EP, Sindi S, Singh A, Singh JA, Singh L, Skirbekk V, Slepak EL, Sliwa K, Soneji S, Søreide K, Soshnikov S, Sposato LA, Sreeramareddy CT, Stanaway JD, Stathopoulou V, Stein DJ, Stein MB, Steiner C, Steiner TJ, Stevens A, Stewart A, Stovner IJ, Stroumpoulis K, Sunguya BF, Swaminathan S, Swaroop M, Sykes BL, Tabb KM, Takahashi K, Tandon N, Tanne D, Tanner M, Tavakkoli M, Taylor HR, Ao BJ, Tediosi F, Temesgen AM, Templin T, Ten Have M, Tenkorang EY, Terkawi AS, Thomson B, Thorne-Lyman AL, Thrift AG, Thurston GD, Tillmann T, Tonelli M, Topouzis F, Toyoshima H, Traebert J, Tran BX, Trillini M, Truelsen T, Tsilimbaris M, Tuzcu EM, Uchendu US, Ukwaja KN, Undurraga EA, Uzun SB, Van Brakel WH, Van De Vijver S, van Gool CH, Van Os J, Vasankari TJ, Venketasubramanian N, Violante FS, Vlassov VV, Vollset SE, Wagner GR, Wagner J, Waller SG, Wan X, Wang H, Wang J, Wang L, Warouw TS, Weichenthal S, Weiderpass E, Weintraub RG, Wenzhi W, Werdecker A, Westerman R, Whiteford HA, Wilkinson JD, Williams TN, Wolfe CD, Wolock TM, Woolf AD, Wulf S, Wurtz B, Xu G, Yan LL, Yano Y, Ye P, Yentür GK, Yip P, Yonemoto N, Yoon SJ, Younis MZ, Yu C, Zaki ME, Zhao Y, Zheng Y, Zonies D, Zou X, Salomon JA, Lopez AD, Vos T. Global, regional, and national disability-adjusted life years (DALYs) for 306

diseases and injuries and healthy life expectancy (HALE) for 188 countries, 1990-2013: quantifying the epidemiological transition. *Lancet* 2015. **386**(10009):2145-91

83. GBD 2013 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and YLDs for 301 acute and chronic diseases and injuries for 188 countries, 1990-2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015. **386**(9995):743-800.
84. GBD 2013 Mortality and Causes of Death Collaborators. Global, regional, and national age–sex specific all-cause and cause-specific mortality for 240 causes of death, 1990–2013: a systematic analysis for the Global Burden of Disease Study 2013. *Lancet* 2015. **385**(9963):117-171.
85. Puram SV, Kozin ED, Sethi RK, Alkire BC, Lee DJ, Gray ST, **Shrime MG**, Cohen M. Impact of resident surgeons on procedure length based on common pediatric otolaryngology cases. *Laryngoscope* 2015. **125**(4):991-997. doi: 10.1002/lary.24912
86. Puram SV, Kozin E, Sethi R, Hight AE, **Shrime MG**, Gray ST, Cohen M, Lee DJ. Influence of trainee participation on operative times for adult and pediatric cochlear implantation. *Cochlear Implants International* 2015. **16**(3):175-179.
87. Sethi RK, Kozin ED, Remenschneider AK, Lee DJ, Gliklich RE, **Shrime MG**, Gray ST. Otolaryngology-specific emergency room as a model for resident training. *Laryngoscope* 2015. **125**(1):99-104.
88. Sethi RK, Kozin ED, Remenschneider AK, Lee DJ, Gray ST, **Shrime MG**, Gliklich RE. Subspecialty emergency room as alternative model for otolaryngologic care: Implications for emergency health care delivery. *Am J Otolaryngol* 2014. **35**(6):758-765.
89. Sethi RK, Kozin ED, Fagenholz PJ, Lee DJ, **Shrime MG**, Gray ST. Epidemiological survey of head and neck injuries and trauma in the United States. *Otolaryngol Head Neck Surg* 2014. **151**(5):776-784.
90. Monteiro E, Sklar MC, Eskander A, de Almeida JR, **Shrime MG**, Gullane PJ, Irish JC, Gilbert RW, Brown DH, Higgins K, Enepekides D, Goldstein DP. Assessment of the Clavien-Dindo classification of complications in head and neck surgery. *Laryngoscope* 2014. **124**(12):2762-2731.
91. Konijeti GG, Sauk J, **Shrime MG**, Gupta M, Ananthakrishnan AN. Cost-effectiveness of competing strategies for management of recurrent *Clostridium difficile* infection: A decision analysis. *Clinical Infectious Diseases* 2014. **58**(11):1507-1514.
92. Konijeti GG, **Shrime MG**, Ananthakrishnan AN, Chan AT. Cost-effectiveness analysis of chromoendoscopy for colorectal cancer surveillance in patients with ulcerative colitis. *Gastrointest Endosc* 2014. **79**(3):455-465.
93. Goldstein DP, Bachar G, Lea J, **Shrime MG**, Patel RJ, Gullane PJ, Brown DH, Gilbert RW, Davis A, Irish JC. Outcomes in squamous cell carcinoma of the oral tongue treated at the Princess Margaret Hospital. *Head and Neck* 2013. **35**(5):632-641.
94. Andreoli MT, Andreoli SM, **Shrime MG**, Devaiah AK. Radiotherapy in parotid acinic cell carcinoma: Does it have an impact on survival? *Archives of Otolaryngology—Head and Neck Surgery* 2012. **138**(5):463-466.
Selected for inclusion in the American Academy of Otolaryngology 2012-2013 Home Study Course, Section 7
95. Alexander AJ, de Almeida JR, **Shrime MG**, Goldstein DP, Gilbert RW. A novel out-patient approach to lower-lip reanimation using palmaris longus tendon sling. *Journal of Otolaryngology—Head and Neck Surgery* 2011. **40**(6):481-488.
96. de Almeida JR, Alexander AJ, **Shrime MG**, Gilbert RW, Goldstein DP. Development and validation of the Lip Reanimation Outcomes Questionnaire (LROQ). *Otolaryngology—Head and Neck Surgery* 2010. **143**(3):361-366.

97. Goldstein DP, **Shrime MG**, Irish JC. Hoarseness: the good, the bad, and the ugly. *The Canadian Journal of Diagnosis* 2007. **24**(2):84-88.
98. Jeremic G, **Shrime MG**, Irish JC, Gilbert RW, Goldstein DP. The microvascular anastomotic device and its role in free tissue transfer. *University of Toronto Medical Journal* 2006. **84**(1):51-54.
99. Krespi Y, **Shrime MG**, Kacker A. The relationship between oral malodor and volatile sulfur compound-producing bacteria. *Otolaryngology—Head and Neck Surgery* 2006. **135**(5):671-676.
100. Tabae A, Hsu AK, **Shrime MG**, Rickert S, Close LG. Quality of life and complications following image-guided endoscopic sinus surgery. *Otolaryngology—Head and Neck Surgery* 2006. **135**(1):76-80.
101. **Shrime MG**, Kacker A, Bent J, Ward RF. Fourth branchial complex anomalies: A case series. *International Journal of Pediatric Otorhinolaryngology* 2003; **67**:1227-1233.
Selected for inclusion in the American Academy of Otolaryngology 2005-2006 Home Study Course, Section

PAPERS UNDER REVIEW

1. **Shrime MG**. How much is enough: optimizing cash transfers in global health. *Under Revision: PLOS One*

ACTIVE RESEARCH PROJECTS

1. **Shrime MG**. Cash transfers for surgery in Guinea, a randomized controlled trial. *Research ongoing*.
2. **Shrime MG**. Extended cost-effectiveness analysis of maxillofacial and head and neck surgery in Guinea. *Research ongoing*.

INVITED PAPERS AND NON-PEER-REVIEWED PUBLICATIONS

1. **Shrime MG**. The virus cares as much for Irish values as it does for American individualism. *The Irish Times*, 15 October 2020.
2. **Shrime MG** and Meara JG. How surgery can fight global poverty. *The New York Times*, 25 September 2015
3. Maru DS-R, McGee HM, Brady JS, King CA, Andrews, J, Singh P, Karelis G, Schwarz D, Schwarz R, Adam C, Benton A, Acharya B, Acharya B, Panizales MT, Lim J, **Shrime MG**, Wagner M, Rogers S. Global surgical care in 2030: Metrics and strategies for expansion in access and quality. WHO Thematic Consultation: Health in the post-2015 development agenda.
Available at <http://www.worldwewant2015.org/node/298623>
4. **Shrime MG**. The Right to Look Human. AAO-HNS Bulletin. December 2011
5. **Shrime MG**. Understanding Nm23 actions and interactions through structural and biologic modeling. Princeton University, Undergraduate Thesis, 1996

COURSES ORGANIZED

1. Annual Dublin Meeting in Patient-Centred Global Surgery
Annual, RCSI, March 2022 –
2. Global Surgery Grand Rounds
Monthly, RCSI, April 2021 –

PRESENTATIONS

1. **Shrime MG**. Enhanced challenges of global medicine during and after COVID-19
Combined Otolaryngology Spring Meetings
Global, by teleconference, April 2021

2. **Shrime MG.** Problems and solutions for surgery in Sudan
Sudanese Doctors Union of Ireland Annual Conference
Dublin, Ireland, via Teleconference, March 2021
3. **Shrime MG.** Patient-centered global surgery
Launch of the RCSI Institute of Global Surgery
Dublin, Ireland, via Teleconference, March 2021
Conference organizer
4. **Shrime MG.** Solving for why
Keynote: American Hospital Association 34th Annual Rural Health Care Leadership Conference
Chicago, IL, via Teleconference, February 2021
5. **Shrime MG.** Global challenges in surgical delivery
Chair: RCSI Millin Day
Dublin, Ireland, via Teleconference, February 2021
6. **Shrime MG.** Building toward SDG 3 in the post-COVID era
Chair: RCSI Webinar on SDG 3
Dublin, Ireland, via Teleconference, January 2021
7. **Shrime MG.** From strength to strength: Impact evaluation in global surgery
Mercy Ships Programs Conference
Garden Valley, TX, via Teleconference, January 2021
8. **Shrime MG.** Global surgery: past, present, and future
RCSI MSc in Nursing: Principles of Surgical Nursing
Dublin, Ireland, via Teleconference, January 2021
9. **Shrime MG.** Establishing and maintaining collaboration for research and education between high and low-income countries in ENT
AAO-HNSF International Young Physicians Forum
International, via Teleconference, January 2021 (*Invitation declined*)
10. **Shrime MG.** From strength to strength: Impact evaluation in global surgery
Mercy Ships International Board Meeting
International, via Teleconference, December 2020
11. **Shrime MG.** From strength to strength: Impact evaluation in global surgery
Mercy Ships Executive Leadership Meeting
Van, Texas, via Teleconference, November 2020
12. **Shrime MG.** Sustainable development in global surgery
Royal College of Surgeons in Ireland
Issues in surgery webinar
Dublin, via Teleconference, November 2020
13. **Shrime MG.** Five years after the Lancet Commission; Where are we now?
G4 Alliance Annual meeting
International, via Teleconference, November 2020
14. **Shrime MG.** Intersectoral collaboration in global surgery
Incision Global Surgery Symposium 2020
International, via Teleconference, November 2020

15. **Shrime MG.** Sustainable development in global surgery
Grand rounds: Royal College of Surgeons in Ireland, All-faculty meeting
 Dublin, via Teleconference, November 2020
16. **Shrime MG.** Global surgery education: What everyone should know
 Global Health Education in Ireland
 Dublin, via Teleconference, October 2020
17. **Shrime MG.** COVID and surgical education in Europe
 ACS/ISS Global Surgical Education Forum
 Washington DC, via Teleconference, October 2020
18. **Shrime MG.** Catastrophic expenditure for surgery
 Congreso Internacional de Cirugía General XLIV
 Mexico City, via Teleconference, October 2020
19. **Shrime MG.** Academic global surgery: barriers and solutions
 American College of Surgeons annual meeting
 National, via Teleconference, October 2020
20. **Shrime MG.** The Institute of Global Surgery
 American College of Surgeons annual meeting,
 RCSI virtual reception
 International, via Teleconference, October 2020
21. **Shrime MG.** Global surgery: past, present, and future
Keynote Address: RCSI CPD course in global surgery
 Dublin, Ireland, via Teleconference, Sept 2020
22. **Shrime MG.** Global surgery: where do we go from here
 RCSI CPD course in global surgery
 Dublin, Ireland, via Teleconference, Sept 2020
23. **Shrime MG.** Find your Role Model
 Tokyo Medical and Dental University
 Tokyo, Japan, via Teleconference, Sept 2020
24. **Shrime MG.** Bringing humanism back to Medicine
Keynote Address: Meditech Physician and CIO conference
 International, via Teleconference, September 2020
25. **Shrime MG.** A vision for global surgery
 RCSI Council of Surgeons Outreach and International Development Committee
 Dublin, Ireland, via Teleconference, Aug 2020
26. **Shrime MG.** HeLa Space: An Oath Undone
 InciSion Webinar on Race and Disparities
 International, via Teleconference, Aug 2020
27. **Shrime MG.** Financial Catastrophe in Surgery
 Global Otolaryngology/Head and Neck Surgery Initiative
 International, via Teleconference, May 2020
28. **Shrime MG.** From Strength to Strength: Impact Evaluation on Mercy Ships
 Mercy Ships Grand Rounds
 Dakar, Senegal, February 2020

29. **Shrime MG.** Hidden Figures: Addressing the hidden costs of surgery in low- and middle-income countries
University of Pittsburgh Medical Center, Otolaryngology Grand Rounds
Pittsburgh, PA, January 2020
30. **Shrime MG.** Hidden Figures: Addressing the hidden costs of surgery in low- and middle-income countries
Rutgers Center for Population-level Bioethics
Parsippany, NJ, January 2020
31. **Shrime MG.** Cancer care in West Africa
West African College of Surgeons
Abuja, Nigeria, January 2020—invitation declined
32. **Shrime MG.** Solving for Why
Philadelphia College of Osteopathic Medicine
Philadelphia, PA, December 2019
33. **Shrime MG.** Trading Bankruptcy for Health
Princeton Quantitative Ethics conference
Princeton, NJ, December 2019
34. **Shrime MG.** Where there is no data—multiattribute decision-making in resource-constrained settings
AeHIN Big Data in Global Health
Thimphu, Bhutan, October 2019
35. **Shrime MG.** Introduction to Global Surgery
AeHIN Big Data in Global Health
Thimphu, Bhutan, October 2019
36. **Shrime MG.** Sustainable Development in Global Surgery
University of Pittsburgh Medical Center
Pittsburgh, PA, October 2019
37. **Shrime MG.** Research in Global Surgery
Keynote Lecture: 2nd annual Northeast Global Surgery Hackathon
Boston, MA, September 2019—invitation declined
38. **Shrime MG.** Sustainable development in global surgery
INFORMS Healthcare 2019 Conference
Boston, MA, July 2019
39. **Shrime MG.** Keep your heart toward the poor
Commencement Address: Cistercian Preparatory School
Irving, TX, May 2019
40. **Shrime MG.** When surgery is more than surgery
New York Yacht Club
New York, NY, May 2019
41. **Shrime MG.** Solving for Why: data-driven national surgical plans
Keynote Lecture: Rutgers Robert Wood Johnson Medical School
Piscataway, NJ, March 2019
42. **Shrime MG.** Solving for Why: A Life in Global Surgery
Keynote Lecture: Liberty University College of Osteopathic Medicine
Lynchburg, VA, January 2019

43. **Shrime MG.** Impact evaluation in global surgery
West African College of Surgeons
Dakar, Senegal, January 2019
44. **Shrime MG.** Impact evaluation in global surgery
Johnson and Johnson
Bridgewater, NJ, November 2018 (via Skype)
45. **Shrime MG.** Solving for Why: A Life in Global Surgery
North Hill Global Series
Needham, MA, July 2018
46. **Shrime MG.** Solving for Why: Lessons from a decade in Global Surgery
Keynote Lecture: University of Michigan
Detroit, MI, September 2018
47. **Shrime MG.** Solving for Why: A Life in Global Surgery
Pharos Global Health Consulting
Boston, MA, July 2018
48. **Shrime MG.** Sustainable development in global surgery
Presented at the Department of Global Health and Social Medicine, Harvard Medical School
Boston, MA, June 2018
49. **Shrime MG.** Surgery is an integral part of primary care
Presented at the Harvard Ministerial Leadership Forum
Boston, MA, June 2018
50. **Shrime MG.** Solving for Why: A Life in Global Surgery
Visiting Professorship Lecture: Center for Surgery and Public Health, Brigham and Women's Hospital
Boston, MA, May 2018
51. **Shrime MG.** Global surgery: past, present and future
Keynote Lecture: Mercy Ships Global Leadership Workshop
Garden Valley, TX, June 2018
52. **Shrime MG.** Best buys in surgery: using cost-effectiveness to design high-value surgical systems
Presented at the WHO Conference on Global Surgery
Dubai, UAE, March 2018 (via Skype)
53. **Shrime MG.** Catastrophic expenditure in global surgery
Presented at Tufts Medical Center
Boston, MA, February 2018
54. **Shrime MG.** Global surgery: past, present and future
Presented at the International Operations Center, Mercy Ships
Garden Valley, TX, January 2018
55. **Shrime MG.** What can I do to impact global poverty through medicine?
Keynote lecture: Coptic Medical Association of North America
Chicago, IL, December 2018—invitation declined
56. **Shrime MG.** Global surgery indicator collection
Combined General Surgeons of Australia and Pacific Island Surgeon Association Annual Meeting
Suva, Fiji, October 2018—invitation declined

57. **Shrime MG.** Sustainable Development in Global Surgery
Presented at the Department of Population Health, New York University
New York, NY, December 2017
58. **Shrime MG.** Reconstructive problems in low- and middle-income countries
Presented at the University of Iowa, Department of Otolaryngology
Iowa City, IA, November 2017
59. **Shrime MG.** Global Surgery: Past, present, and future
Presented as hospital-wide Grand Rounds, University of Iowa
Iowa City, IA, November 2017
60. **Shrime MG.** Sustainable Development in Global Surgery
Presented as otolaryngology Grand Rounds, University of Iowa
Iowa City, IA, November 2017
61. **Shrime MG.** Global Surgery: Past, present, and future
Presented as grand rounds for Mercy Ships
Douala, Cameroon, October 2017
62. **Shrime MG.** Catastrophic expenditure to pay for surgery
Baylor Masters in Global Health class
Waco, TX, October 2017 (via Skype)
63. **Shrime MG.** Global Surgery: Past, present, and future
Presented as the Keynote Lecture, Papua New Guinea Medical Symposium
Port Moresby, Papua New Guinea, September 2017
64. **Shrime MG.** Cured into destitution: Catastrophic expenditure in surgery
Presented at the Papua New Guinea Medical Symposium
Port Moresby, Papua New Guinea, September 2017
65. **Shrime MG.** Alternative careers in global health
Presented to the American Society of Tropical Medicine and Health
via Skype, September 2017
66. **Shrime MG.** Mercy Ships and the problem of global surgery
Presented at Abbvie
Chicago, IL, September 2017
67. **Shrime MG.** Data-driven surgical scale-up
Presented at Surgery for the People
Managua, Nicaragua, June 2017
68. **Shrime MG.** Global Surgery: Past, present, and future
Presented at the Canadian Anesthesiologists Society International Education Foundation
Niagara, ON, June 2017
69. **Shrime MG.** Sustainable development in global surgery
Presented at the MEEI Grand Rounds
Boston, MA, May 2017
70. **Shrime MG.** Reconstructive options in low-resource settings
Presented at the MEEI Grand Rounds
Boston, MA, May 2017

71. **Shrime MG.** Global surgery: a history
Presented at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
72. **Shrime MG.** Evidence driven health policy in global Surgery
Keynote lecture at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
73. **Shrime MG.** Surgeon as policymaker
Presented at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
74. **Shrime MG.** How long is long enough? Time-limited ICU trials in cancer patients
Presented at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
75. **Shrime MG.** Reconstructive surgery in low- and middle-income countries
Presented at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
76. **Shrime MG.** Rationing, the ACA, and the future of surgery
Presented at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
77. **Shrime MG.** The Right to Look Human: Global Surgery in Resource-Poor settings
Keynote lecture at the Royal Australasian College of Surgeons Annual Meeting
Adelaide, SA, Australia, May 2017
78. **Shrime MG.** Trading health for bankruptcy
Presented at the Vanderbilt Health Policy Department Grand Rounds
Vanderbilt Medical Center, Nashville, TN, April 2017
79. **Shrime MG.** The Right to Look Human: Global Surgery in Resource-Poor settings
Presented at the Vanderbilt Global Health Department Grand Rounds
Vanderbilt Medical Center, Nashville, TN, April 2017
80. **Shrime MG.** Data-driven surgical scale-up—research in global surgery
Presented at the Lancet Commission on Global Surgery Latin America inaugural conference
São Paulo, Brazil, December 2016
81. **Shrime MG.** The surgical imperative—meeting the needs of the 5 billion
Presented as the Keynote Lecture, UPenn Global Surgery Symposium,
Philadelphia, PA, December 2016
82. **Shrime MG.** The surgical imperative—fixing the problem
Presented as the Keynote Lecture, UPenn Global Surgery Symposium,
Philadelphia, PA, December 2016
83. **Shrime MG.** The right to look human— Head and Neck Surgery in the Developing World
Presented as the Humanitarian Forum Keynote Lecture, American Academy of Otolaryngology,
San Diego, CA, September 2016
84. **Shrime MG.** The right to look human—Head and Neck Surgery in the Developing World
Presented as the Christopher O'Brien Keynote Lecture, American Head and Neck Society,
Seattle, WA, July 2016

85. **Shrime MG.** Task-shifting or public finance to improve access to surgery in Ethiopia.
Presented at the Brocher Institute Summer Academy on Ethics of Research in Low-income Countries, Geneva, Switzerland, June 2016
86. **Shrime MG.** Key findings of the *Lancet* Commission on Global Surgery.
Presented to the Congressional Global Health Caucus, Washington, DC, May 2016
87. **Shrime MG.** Key findings of the *Lancet* Commission on Global Surgery.
Presented at the InterAction Forum, Washington, DC, April 2016
88. **Shrime MG.** The state of surgery around the world through the lens of the *Lancet* Commission on Global Surgery.
Keynote address: Houston Global Health Collaborative Empower 2016 conference, February 2016
89. **Shrime MG.** Essential surgical care and anesthesia as a part of universal health coverage.
Presented at the National Surgical Forum, Johannesburg, South Africa, December 2015
90. **Shrime MG.** Findings of the Lancet Commission on Global Surgery and directions for the future.
Presented as Grand Rounds at Mercy Ships, Toamasina, Madagascar, September 2015
91. **Shrime MG.** Issues with benefit-cost analysis and value of a statistical life.
Presented at the Beyond Cost-Effectiveness Meeting, Harvard School of Public Health, September 2015
92. **Shrime MG.** Findings of the Lancet Commission on Global Surgery and directions for the future.
Presented at the “Strengthening Emergency and Essential Surgical Care and Anaesthesia Services as a Component of Universal Health Coverage” symposium, WHO, Geneva, Switzerland, May 2015
93. **Shrime MG.** Findings of the Lancet Commission on Global Surgery and directions for the future.
Presented at Anaesthesia Grand Rounds, the Beth Israel-Deaconess Medical Center Boston, MA, 29 July 2015
94. **Shrime MG, Dare AJ, Alkire BC, O’Neill K, Meara JG.** Catastrophic expenditure to pay for surgery worldwide.
Presented at the Royal Society of Medicine, London, England, April 2015
95. **Shrime MG.** The role of research in global surgery.
Presented at Harvard Medical School, May 2015
96. Sethi RK, Kozin ED, Naunheim M, **Shrime MG**, Gray ST. Use of imaging for sinus complaints in US emergency rooms.
Presented at the American Academy of Otolaryngology Annual Meeting, Dallas, September 2015
97. Kozin ED, Sethi RK, Remenschneider A, Kaplan A, **Shrime MG**, Lee D. Incidence of sudden hearing loss in United States emergency rooms.
Presented at the Combined Otolaryngology Societies Meeting, Boston, April 2015
98. Sethi RK, Kozin ED, Naunheim M, **Shrime MG**, Gray ST. Epidemiologic survey of non-emergent sinus and rhinologic complaints in United States emergency rooms.
Presented at the American Rhinologic Society Conference, Boston, April 2015
99. Naunheim M, Kozin ED, Gray ST, **Shrime MG.** Cost-benefit analysis of otolaryngology-specific emergency room services using a contingent valuation survey.
Presented at the American Head and Neck Society Conference, Boston, April 2015.
100. **Shrime MG.** The right to look human: Head and neck surgery in the developing world.
Presented at the University of Toronto otolaryngology grand rounds, February 2015

101. **Shrime MG.** How long is long enough? Time-limited trials in critically-ill cancer patients.
Presented at the University of Toronto otolaryngology fellows rounds, February 2015
102. Puram SV, Kozin ED, Sethi RK, Alkire BC, Lee DJ, Gray ST, **Shrime MG.** Predicting Operating Room Times in a Tertiary Care Academic Medical Center.
Presented at the Combined Otolaryngology Sections Meeting, Coronado Island, California, January 2015
103. **Shrime MG,** Verguet S, Johannson KA, Desalegn D, Jamison DT, Kruk ME. Task-sharing or universal public financing for the expansion of surgical access in rural Ethiopia: an extended cost-effectiveness analysis.
Presented at the Society for Medical Decision Making meeting, Miami, October 2014
Finalist for the Lee Lusted research prize
104. **Shrime MG,** moderator: Outcomes in head and neck cancer.
Presented at the World Congress of the International Federation of Head and Neck Oncologic societies, New York, NY, July 2014
105. Sethi R, Kozin E, Remenschneider A, Lee D, Gliklich R, **Shrime MG,** Gray S. Characterization of Contemporary Otolaryngology-Specific Emergency Room Care at the Massachusetts Eye and Ear Infirmary
Presented at the American Academy of Otolaryngology Annual Meeting, September 2014, Orlando
106. Sethi R, Kozin E, Remenschneider A, Gliklich R, **Shrime MG,** Gray S. A specialized emergency room as a model for otolaryngology residency training.
Presented at the Combined Otolaryngology Spring Meetings, May 2014, Las Vegas
107. **Shrime MG.** The right to look human: Surgical delivery in low- and middle-income countries
Global Surgery Leadership Conference
Johnson and Johnson/Ethicon
Four Seasons Hotel, Philadelphia, PA, February 2014
108. **Shrime MG,** Lai PS, Ferket B, Scott D, Celi LA, Hunink MGM. Decision-making at the end of life: Stochastic modeling to determine optimal length of ICU care for poor-prognosis patients.
Presented at the Society for Medical Decision Making conference, Baltimore, October 2013
Finalist for the Lee Lusted Student research prize
109. **Shrime MG,** Verguet S, Johannson KA, Jamison DT, Kruk MEK. Improving surgical access in Ethiopia: public finance, task shifting, or both?
Presented at the Disease Control Priorities, Surgical authors meeting, Washington DC, September 2013
110. **Shrime MG,** Sleemi A, Thulasiraj RD. Charitable platforms in global surgery: effectiveness, cost-effectiveness, sustainability, and their role in training
Presented at the Disease Control Priorities, Surgical authors meeting, Washington DC, September 2013
111. Konijeti G, **Shrime MG,** Sauk J, Ananthakrishnan A. Cost-effectiveness of competing strategies for *Clostridium difficile* infection.
Presented at the American College of Gastroenterology meeting, San Diego, October 2013
112. **Shrime MG,** Goldstein DP, Seaberg RM, Freeman JL, Gullane PJ. Cost-effective management of low-risk papillary thyroid cancer.
Presented at the King Saud bin Abdul-Aziz University for Health Sciences, March 2013
113. **Shrime MG,** Lai PS, Ferket B, Scott D, Celi LA, Hunink MGM. Decision-making at the end of life.
Presented at the King Saud bin Abdul-Aziz University for Health Sciences, March 2013
114. **Shrime MG.** Global surgery, peace, and Mercy Ships
Presented at the United Nations Headquarters, November 2012

115. **Shrime MG**, Lai PS, Ferket BS, Scott DJ, Celi LA, Hunink MGM. Using Markov models to determine the optimal duration for a trial of intensive care in patients with poor-prognosis cancer.
Presented at the American Thoracic Society Meeting, San Francisco, May 2012
116. **Shrime MG**. Mandible Fractures in the Developing World.
Presented at Hôpital Albert Schweitzer, Deschappelles, Haiti, January 2012
117. **Shrime MG**. Head and Neck Surgery in West Africa.
Presented at the AAO-HNS Humanitarian Efforts Committee Open Forum, October 2009, San Diego
118. Alexander AJ, de Almeida JR, **Shrime MG**, Goldstein DP, Gilbert RW. A novel out-patient approach to lower-lip reanimation using palmaris longus tendon sling.
Presented at the American Academy of Facial Plastic, Reconstructive Surgery, October 2009, San Diego
119. de Almeida JR, Alexander AJ, **Shrime MG**, Gilbert RW, Goldstein DP. Development and validation of the Lip Reanimation Outcomes Questionnaire (LROQ).
Presented at the American Academy of Facial Plastic, Reconstructive Surgery, October 2009, San Diego
120. **Shrime MG**, Bachar G, Lea J, Volling C, Ma C, Gullane PJ, Gilbert RW, Irish JC, Brown DH, Goldstein DP. Nodal ratio as an independent predictor of survival in squamous cell carcinoma of the oral cavity.
Presented at the International Academy of Oral Oncology, July 2009, Toronto
121. **Shrime MG**. The Right to Look Human: Practicing Medicine in the Developing World.
Presented at Wachovia Securities, The Seagram Building, May 2009, New York City
122. **Shrime MG**. The Right to Look Human: Head and Neck Surgery in the Developing World.
Presented at Department of Otolaryngology Fellowship Rounds, December 2008, Toronto
123. **Shrime MG**, Goldstein DP, Seaberg RM, Freeman JL, Gullane PJ. Cost-effective management of low-risk papillary thyroid cancer.
Presented at the American Head and Neck Society, April 2007, San Diego
124. **Shrime MG**, Goldstein DP, Le L, Gullane PJ. The impact of postoperative radiotherapy and the extent of neck dissection on T₁₋₂N₁ squamous cell carcinoma of the oral cavity.
Presented at the International Academy of Oral Oncology, May 2007, Amsterdam
125. **Shrime MG**, Johnson PE, Stewart MG. Cost-effective diagnosis of ingested foreign bodies.
First-place poster presentation at the Combined Otolaryngology Fall Meeting, February 2007, Florida
126. **Shrime MG**. Depression in Head and Neck Cancer.
Department of Otolaryngology Fellowship Rounds, November 2006, Toronto
127. **Shrime MG**, Tabae A, Rickert S, Hsu AK, Close LG. Synechia formation following endoscopic sinus surgery and middle turbinate medialization.
Presented at the Combined Otolaryngology Spring Meeting, May 2006, Chicago
128. Tabae A, Hsu AK, **Shrime MG**, Rickert S, Close LG. Quality of life and complications following image-guided endoscopic sinus surgery.
Presented at the Triologic Society, Eastern Section, January 2006, Toronto, ON.
129. **Shrime MG**, Kacker A, Orjuela AF, Xiang Z, Anand VK. Dysregulation of the apoptotic pathway in chronic rhinosinusitis.
Presented at the Triologic Society, Eastern Section, January 2006, Toronto, ON
130. Ahn JA, Grunstein E, **Shrime MG**, Weiss G, Lin H, Ambron R. The role of retrograde signal peptides in facial nerve regeneration.
Presented at the American Academy of Facial Plastic, Reconstructive Surgery, Sept 2005, Los Angeles

131. Anand VK, Manarey C, **Shrime MG**, Kacker A. Real-time image-guided endoscopic sinus surgery using the FluoroCAT technology.
Presented at the Combined Otolaryngological Spring Meetings, May 2004, New York, NY
132. **Shrime MG**. Facial Plastic Surgery and the American Civil War.
Presented at the AAO-HNS National Meeting, 22 September 2003, Jacksonville, FL.
133. **Shrime MG**, McClay JE, Biavati M, *et al.* Gastroesophageal reflux and true vocal cord nodules.
Presented at the American Society of Pediatric Otolaryngologists, Friday, 11 May 2001.

AWARDS

Finalist, AA Gill / Sunday Times award for emerging food writers, 2020
Shortlisted for *Nature* Driving Global Impact Research Award, 2020
Global Spine Journal Paper of the Year, 2018
Arnold P. Gold Foundation Humanism in Medicine Award, American Academy of Otolaryngology—Head and Neck Surgery, 2018
Jeffrey P. Harris Prize for Excellence in Research, 2017
Board of Directors' Committee Excellence Award, American Academy of Otolaryngology—Head and Neck Surgery, 2016
Finalist, Lee Lusted Student Research Prize, Society for Medical Decision Making, 2013 and 2014
Certificate of Distinction in Teaching, Harvard University, Bok Teaching Center, October 2013
First-place poster presentation, Triological Society Combined Section Meetings, February 2007
Second- and third-place awards, Sixth Annual Resident Research Competition, 2006
The Arnold P. Gold Foundation Humanism and Excellence in Teaching Award, 2005
Resident Travel Award for research presented at the Eastern Section meeting of the Triologic Society, 2006
AAO-HNS-Stryker-Leibinger Travel Grant for the Annual AAO-HNSF meeting, 2005, 2003
Second-place award, Fourth Annual Resident Research Competition, 2004
Nominated for the American College of Surgeons' resident teaching award, 2003
John Q. Adams Center for the History of Otolaryngology—Head and Neck Surgery research grant for Facial Plastic Surgery in Wartime, 2003
Highest honors for undergraduate thesis work, 1996
Summa cum laude, Princeton University, 1996

PROFICIENCY IN

R, Java, Stata, AnyLogic, TreeAge

LANGUAGES SPOKEN

English, French (semi-fluent), Arabic (conversational), Spanish (medical)

REFERENCES

Available on request