

Desmond T. Jumbam

BA, MSGH

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EDUCATION

Mendoza College of Business,
 University of Notre Dame, IN, USA
 2022-2024

Eck Institute of Global Health,
 University of Notre Dame, IN, USA
 2015-2016

Taylor University, IN, USA
 2012-2015

Master of Business Administration (MBA)

Master of Science in Global Health (MSGH)

- Thesis: Knowledge, Attitudes and Practices Assessment of Malaria Interventions in Zambia
- Advisor: Nicole Achee, PhD

Bachelor of Arts (BA), Biological Sciences (Magna Cum Laude)

- Thesis: Comparison of Deleterious Phenotypes Between Mutant and Wild-type Prelamin A in Zmpste24 Deficient Mice
- Minor: Chemistry

PROFESSIONAL EXPERIENCE

Operation Smile Inc, Accra, Ghana
 September 2019 – Present

Director, Health Policy and Advocacy

- Led the Policy and Advocacy Department at Operation Smile
- Oversaw the implementation of Operation Smile Policy and Advocacy strategy
- Established key partnerships with governments, academia, NGOs

Health Policy/Health systems consultant (Sep 2019-Jan 2022)

- Established and led a new Policy and Advocacy Department
- Advised on organization health systems and health policy strategies including partnerships with government
- Facilitated with the development of organization long-term goals, theory of change and indicators
- Led the design and implementation of research projects
- Advised Ministries on Health on surgical national systems strengthening policies
- Oversaw the development of long-term strategic plans for numerous Operation Smile program countries

King's Global Health Partnerships, London, UK
 October 2021 – Present

Global Health Partnership Consultant (part-time, remote)

- Reviewed King's Global Health Partnerships' international collaborations for equitable practices and developed action plan to ensure equitable partnerships

Boston Children's Hospital, MA, USA
 November 2018 – July 2019

Project Coordinator

- Led a project to develop the first digital clinical assistant for the Vascular Anomalies Center at Boston Children's Hospital
- Developed Time-Driven Activity Based Costing (TDABC) protocol with process maps to assess added value of digital clinical assistant
- Acted as primary liaison between clinical providers and software developers

PROFESSIONAL EXPERIENCE CONT'D

Harvard Medical School, MA, USA
 Program in Global Surgery and Social Change
 (PGSSC)
 August 2016 – July 2019

Health Policy Analyst (Nov 2018 – July 2019)

- Advised several Ministries of Health on developing and implementing surgical policy including Tanzania, Pakistan, Namibia, Zimbabwe and Cambodia
- Pioneered strategy called NSOAP Financing Strategy for countries to strategically approach financing national surgical policies
- Drafted policy briefs for countries developing NSOAPs
- Supported the implementation of the Safe Surgery 2020 initiative in Tanzania and Cambodia

Research Assistant (2016 – November 2018)

Co-lead: Tanzania National Surgical Planning

- Co-led the development of the first National Surgical, Obstetric and Anesthesia Plan (NSOAP) with the Ministry of Health (MoH) of Tanzania which has been adopted as their 7-year strategy
- Led stakeholder identification and engagement from front-line provider to MoH directors. Responsible for consensus building, interview analysis and write up and leveraging into policy recommendations
- Conducted literature and policy reviews to inform gap analysis
- Drafted evidence-based national policy, reconciling all information sources
- Devised costing methodology and arranged costing workshop
- Supported implementation and funding opportunities
- Developed meticulous organizational skills from delivering multiple national stakeholder workshops
- Co-author on United Nations Institute for Training and Research (UNITAR) training manual on the development of NSOAPs
- Assisted with design and coordination of WHO conference on NSOAPs with representatives from 19 countries

Field Research Assistant: Tanzania multi-center, multi-program impact study

- Advised on design of a robust multi-center prospective mixed-methods study assessing the impact of a surgical systems strengthening program in Tanzania
- Created and implemented study protocols and operational plans
- Developed and coordinated institutional Review Board (IRB) proposal in Tanzania and USA
- Trained and supervised medical data collectors on surgical data collection at hospitals
- Analyzed data, synthesized results, and disseminated key findings to local stakeholders and partners

Global Partner Experience Liaison: Keough School of Global Affairs, University of Notre Dame

- Advised three Master of Global Affairs students on designing and implementing research projects to support the vision of the PGSSC
- Critically appraised student project proposals
- Provided field research logistics and operations support
- Reviewed and revised teaching cases written by students
- Established research partnership between the PGSSC and Notre Dame

TEACHING EXPERIENCE

University of Notre Dame, IN, USA
 Kellogg Institute for International Studies
 January 2021

Institute of Global Surgery, Royal College of Surgeons of Ireland, Ireland
 September 2020

University of Notre Dame, IN, USA
 Academic Services for Student Athletes

June 2015 – July 2016

Facilitator, LifeDesign course

- Provided guidance to students and facilitated discussions using design thinking tools to enable students to identify questions to help them towards a purposeful, flourishing and fulfilling life

Taylor University, IN, USA
Department of Chemistry
August 2014 – May 2015

RCSI Honorary Senior lecturer in Surgical affairs

- Invited lecturer on decolonizing global health

Student Athlete Monitor

- Tutored student athletes in organic chemistry and calculus
- Responsible for supervision of student athlete study halls

Teaching Assistant

- Instructed Organic Chemistry I & II laboratory of 15 students
- Trained students on lab techniques such as distillation, recrystallization, sublimation, extraction, TLC and other chromatography techniques

Peer/Study-table Tutor

- Tutored undergraduate students in biology, chemistry and physics
- Led a college chemistry and organic chemistry study sessions

Delaware Technical Community College, DE, USA
August 2010 – May 2012

Mathematics and Calculus Peer Tutor

- Tutored students in basic mathematics, introductory algebra and Calculus I & II course

LEADERSHIP AND SERVICE

- Co-Founder and President, The Jumbam Family Foundation, January 2021 to Present
- Board Member, King's Global Health Partnerships, King's College London, March 2022 to Present
- Editorial Board Member, PLOS Global Public Health, August 2021- Present
- Editorial Board Member, BMC Health Services Research, June 2021 – Present
- Editorial Board Member, Review Editor, Public Health Policy, Frontiers in Public Health, November 2021 - Present
- Board Member, Bethune Roundtable 2022 Conference, University of British Columbia
- Committee member, Committee on Education and Research, International Federation of Surgical Colleges, March 2021- Present
- Panel of Movers, Decolonizing Global Health Africa (DGHA), June 2021 - Present
- Treasurer, International Student Society (ISS), Taylor University, Office of Intercultural Programs, Upland, IN, 2013 – 2014
- Volunteer, Women's Lunch Place, Boston, MA

POLICY CONTRIBUTIONS

1. *National Surgical, Obstetric and Anaesthesia Plan*, Ministry of health Community Development, Gender, Elderly and Children, Dar es Salaam, Tanzania, March 2018, <https://goo.gl/tCWv1Q>
2. **Jumbam D.T.**, Akoko L., Lugazia E., Citron I. Chapter 6: Drafting and validating a national surgical, obstetric and anaesthesia plan. UNITAR. National Surgical, Obstetric and Anaesthesia Planning Manual. Edition 2020. Geneva, Switzerland: United Nations Institute for Training and Research (UNITAR). DOI: 10.5281/zenodo.3982869
3. Albutt K., **Jumbam D.T.**, Taylor K., Guzman J.M., Juran S. Chapter 4: Situation Analysis and Baseline. UNITAR. National Surgical, Obstetric and Anaesthesia Planning Manual. Edition 2020. Geneva, Switzerland: United Nations Institute for Training and Research (UNITAR). DOI: 10.5281/zenodo.3982869
4. Reddy C.L., **Jumbam D.T.**, Atun R., Park K., Meara G.J., Johnson W. Chapter 10: Financing. UNITAR. National Surgical, Obstetric and Anaesthesia Planning Manual. Edition 2020. Geneva, Switzerland: United Nations Institute for Training and Research (UNITAR). DOI: 10.5281/zenodo.3982869

5. **Jumbam D.T.**, Moangezi S., Makasa E., Reddy C.L., Roa L., Johnson W.. Chapter 11: Implementation. UNITAR. National Surgical, Obstetric and Anaesthesia Planning Manual. Edition 2020. Geneva, Switzerland: United Nations Institute for Training and Research (UNITAR). DOI: 10.5281/zenodo.3982869
6. **Jumbam D.T.**, Sonderman K. 2017 National Surgical, Obstetric and Anaesthesia Planning Intervention toolkit, Interventions and tools for improving workforce redistribution and rural retention, 2017. <https://goo.gl/aSgneU>
7. **Jumbam D.T.**, Citron I. National Surgical, Obstetric and Anaesthesia Planning Intervention toolkit, Interventions and resources to strengthen the hospital supply chain, 2017. <https://goo.gl/QaYjb6>

PEER-REVIEWED PUBLICATIONS

1. **Jumbam D.T.**, How (not) to write about global health *BMJ Global Health* 2020;5:e003164.(**2020 top 10 articles BMJ-GH**)
2. **Jumbam, D. T.**, Reddy, C. L., Makasa, E., Boatin, A. A., Rogo, K., Chu, K. M., ... & Maswime, S. (2020). Investing in surgery: a value proposition for African leaders. *Lancet (London, England)*, 396(10243), 7.
3. **Jumbam, D. T.**, Touray, S., & Totimeh, T. (2021). The role of journals and journal editors in advancing global health research equity. *Anaesthesia*.
4. Alayande, B., Chu, K.M., **Jumbam, D.T.** et al. Disparities in Access to Trauma Care in Sub-Saharan Africa: a Narrative Review. *Curr Trauma Rep* (2022). <https://doi.org/10.1007/s40719-022-00229-1>
5. **Jumbam, D. T.**, Menon, G., Lama, T. N., Lodge II, W., Maongezi, S., Kapologwe, N. A., ... & Cainer, M. (2020). Surgical referrals in Northern Tanzania: a prospective assessment of rates, preventability, reasons and patterns. *BMC health services research*, 20(1), 1-13.
6. **Jumbam D.T.**, Durnwald L, Ayala R, Kanmounye US. The role of non-governmental organizations in advancing the global surgery and anesthesia goals. *J Public Health Emerg* 2020;4:18.
7. Reddy CL, Peters AW, **Jumbam D.T.** et al, Innovative financing to fund surgical systems and expand surgical care in low-income and middle-income countries. *BMJ Global Health* 2020;5:e002375.
8. **Jumbam, D. T.**, Kanmounye, U. S., Alayande, B., Bekele, A., Maswime, S., Makasa, E. M. M., ... & Chu, K. (2022). Voices beyond the Operating Room: centring global surgery advocacy at the grassroots. *BMJ Global Health*, 7(3), e008969.
9. Velin, L., Lantz, A., Ameh, E. A., Roy, N., **Jumbam, D. T.**, Williams, O., ... & Hagander, L. (2022). Systematic review of low-income and middle-income country perceptions of visiting surgical teams from high-income countries. *BMJ Global Health*, 7(4), e008791.
10. Abimbola S, Asthana S, Montenegro C, Guinto RR, **Jumbam DT**, Louskieter L, et al. (2021) Addressing power asymmetries in global health: Imperatives in the wake of the COVID-19 pandemic. *PLoS Med* 18(4): e1003604. <https://doi.org/10.1371/journal.pmed.1003604>
11. Alayande, B., Forbes, C., Degu, S., Hey, M. T., Karekezi, C., Khanyola, J., ... & Bekele, A. (2022). Shifting global surgery's center of gravity. *Surgery*.
12. **Jumbam, D. T.**, Kanmounye, U. S., Citron, I., & Kamalo, P. (2022). Evidence-Driven Policies for Sustainably Scaling up Surgical Task-Sharing in Malawi; Comment on "Improving Access to Surgery Through Surgical Team Mentoring—Policy Lessons From Group Model Building With Local Stakeholders in Malawi".
13. Bookholane H, Vervoort D, Manoj M, Malave-Trowbridge D, **Jumbam DT**. Recalibrating global health: how COVID-19 can bring us together. *Journal of Global Health Reports*.:e2021068.
14. Lodge, W., Menon, G., Kuchukhidze, S., **Jumbam, D.T.**, Maongezi, S., Alidina, S., Nguhuni, B., Kapologwe, N.A., Varallo, J. (2020) Assessing completeness of patient medical records of surgical and obstetric patients in Northern Tanzania, *Global Health Action*, 13:1, DOI: 10.1080/16549716.2020.1765526
15. Amoako E, **Jumbam DT**, Bediako Y. Unseen and unheard: African children with cancer are consistently excluded from clinical trials *BMJ Global Health* 2021;6:e004750.
16. Kanmounye, U. S., Tochie, J. N., Temgoua, M., Mbonda, A. N., Endomba, F. T., Nkeck, J. R., ... & **Jumbam, D. T.** (2020). Barriers and facilitators of research in Cameroon (Part I)-an e-survey of physicians. *PAMJ-Clinical Medicine*, 4(58).
17. Kanmounye, U. S., Tochie, J. N., Temgoua, M., Mbonda, A. N., Endomba, F. T., Nkeck, J. R., ... & **Jumbam, D. T.** (2020). Barriers and facilitators of research in Cameroon (Part II)-an e-survey of medical students. *PAMJ-Clinical Medicine*, 3(179).

18. **Jumbam, D.T.**, Reddy C.L., Roa L., & Meara J.G., "How much does it cost to scale up surgical systems in low-income and middle-income countries?." (2019): e001779.
19. **Jumbam, D.T.***, Citron I.*, Dahm J., Mukhopadhyay S., Nyberger K., Iverson K., ... & Nguhuni, B. (2019). Towards equitable surgical systems: development and outcomes of a national surgical, obstetric and anaesthesia plan in Tanzania. *BMJ Global Health*, 4(2), e001282.
20. **Jumbam D.T.***, Nyberger K.*, Dahm J., Maongezi S., Makuwani A., Kapologwe N.A., Nguhuni B., Mukhopadhyay S., Iverson K., Maina E., Kisakye S., Mwai P., Hellar A., Barash D., Reynolds C., Meara J.G., Citron I. The Situation of Safe Surgery and Anaesthesia in Tanzania: A Systematic Review. *World Journal of Surgery* (2018): 1-12
21. Roa L., **Jumbam D. T.**, Makasa E., & Meara J.G. (2019). Global surgery and the sustainable development goals. *British Journal of Surgery*, 106(2), e44-e52.
22. Kron M., Grewal R., Idso J., Prough M., Sundaram C., Klein S., Nida J., **Jumbam D.T.**, and Garringer K. "Mental health indicators in APEC." *International Journal of Social Psychiatry* (2018): 0020764018819631.
23. Reddy C.L., Patterson R.H., Caddell, L., Gelb A.W., **Jumbam D.T.**, Romanzi L., Wasserman I., Meara J.G., Global surgery and the World Health Organization: indispensable partners to achieve triple billion goals., *Can J Anesth/J Can Anesth* (2019). <https://doi.org/10.1007/s12630-019-01426-4>
24. Sonderman, K. A., Citron, I., Mukhopadhyay, S., Albutt, K., Taylor, K., **Jumbam, D.T.**, ... & Maongezi, S. (2019). Framework for developing a national surgical, obstetric and anaesthesia plan. *BJS Open*.
25. Truché, P., Shoman, H., Reddy, C.L., **Jumbam, D.T.**, Ashby, J., Mazhiqi, A., Wurdeman T., et al. "Globalization of national surgical, obstetric and anesthesia plans: the critical link between health policy and action in global surgery." *Globalization and Health* 16, no. 1 (2020): 1-8.
26. **Jumbam, D. T.**, Vervoort, D., & Park, K. B. (2019). Development Assistance for Health in Low-Income Countries. *Jama*, 322(15), 1517-1518.
27. **Jumbam, D. T.**, Stevenson, J. C., Matoba, J., Grieco, J. P., Ahern, L. N., Hamainza, B., ... & Achee, N. L. (2020). Knowledge, attitudes and practices assessment of malaria interventions in rural Zambia. *BMC Public Health*, 20(1), 216.
28. Kanmounye US, Zolo Y, Nguembu S, Tétinou F, Sebopelo LA, Endalle G, Sichimba D, Takoukam R, Ghomsi N and **Jumbam DT** (2021) Training the Next Generation of Academic Global Neurosurgeons: Experience of the Association of Future African Neurosurgeons. *Front. Surg.*8:631912. doi: 10.3389/fsurg.2021.631912
29. Alidina, S., Chatterjee, P., Zania, N., Alreja, S. S., Balira, R., Barash, D., ... & Zurakowski, D. (2021). Improving surgical quality in low-income and middle-income countries: why do some health facilities perform better than others?. *BMJ Quality & Safety*.
30. Kanmounye, U. S., **Jumbam, D. T.**, Endomba, F. T., Tochie, J. N., Mbonda, A. N., Ghomsi, N. C., ... & Temgoua, M. (2020). Advancing medical research in sub-Saharan Africa: barriers, facilitators, and proposed solutions. *PAMJ-Clinical Medicine*, 3(83).
31. **Jumbam D.T.**, Durnwald L., Munabi N., Ayala R. Implementation science: a missing link in global surgery. Editorial. *East and Central Africa Journal of Surgery*

BOOK CHAPTERS

32. Yao C.A., **Jumbam D.T.**, Corlew D.S. (2021) Patient Barriers to Care. In: Swanson J.W. (eds) *Global Cleft Care in Low-Resource Settings*. Springer, Cham. https://doi.org/10.1007/978-3-030-59105-2_3

INVITED SPEAKER/CONFERENCES

1. *A new vision for global health*, **University of California San Diego School of Medicine, Annual Global Health Grand Rounds**, 8th June 2022, Guest speaker
2. *Responsible Global Health Practice*, **US Centers for Disease Control and Prevention (CDC)**, 31st May 2022, Guest Speaker
3. *What is wrong with global health?* **University of Toronto, Dalla Lana School of Public Health**, 23rd March 2022, Invited Lecturer
4. *How (not) to practice global health*. **Stanford University, MED233**, 3rd May 2022, Invited lecturer
5. *Grassroots advocacy in global surgery; community participation in global health*, **Stellenbosch University**, 9th June 2022, Invited speaker

6. *Should we train surgical and anesthesia specialists in or out of country?* **Bethune Round Table 2022**, 17th June 2022, Moderator
7. *Who are the locals?* **McGill School of Population and Global Health, McGill University**, 30th November 2021, Invited lecturer
8. *Decolonizing global health funding and research: a conversation on how we could work better together*, **Canadian Conference on Global Health 2021, IDRC Global Health Division panel**, 26th November 2021, Invited panelist
9. *Compassion in Global Health and Tropical Medicine: Evidence, Challenges, and Emerging Trends*, **American Society of Tropical Medicine and Hygiene**, 21st November 2021, Invited Panelist
10. *Addressing Health Disparities: Clinical Insights into Race and Social Justice*, **Harvard Medical School**, 21st July 2021, Invited Panelist
11. *Reimagining Global Health*, **King's College London**, Centre for Global Health and Health Partnerships, 16th July 2021, Invited speaker
12. *First-hand experience in developing an NSOAP*, **United Nations Institute for Training and Research**, 14th October 2020, Invited panelist
13. *Who are the locals?* **Oxford University Global Surgery Group**, 27th January 2022, Invited speaker
14. *Decolonizing global health lecture series*. **Boston Children's Hospital Global Health Program**, 31st January 2022, Invited lecturer
15. *Regan Resident Leadership Conference 2020*, **Operation Smile**, Co-moderator
16. *Neocolonialism in global health*, **University of Washington**, 8th December 2020, Invited lecturer
17. UCSF
18. *Introduction to Global surgery, anesthesia, injuries and trauma*, **McGill University**, 17th November 2020, Invited Lecturer
19. *Transformative dialogues towards decolonizing global surgery*, **LifeBox**, Invited panelist
20. *Institutional colonialism in global health*, **Royal College of Surgeons of Ireland**, 25th September 2020, Invited lecturer
21. *Barriers and solutions in global surgery*, **American College of Surgeons Clinical Congress (Virtual)**, invited panelist
22. *Institutional colonialism in global health*, **LifeBox Global Surgery Ambassadors**, UK, Invited speaker
23. *Between a rock and hard place, global health research partnerships*, **Association of Future African Neurosurgeons**, 22nd August 2020, invited speaker
24. *Reimagining Global Health series; Decolonizing Global Health*, **University of California San Francisco**, 27th May 2021, invited speaker
25. *The future of global health, decolonizing power structures through global health education*, **Karolinska University**, 14 April 2021, invited panelist
26. *Decolonizing global health*, **Your Digital Mentor Podcast**, Invited panelist
27. *Towards surgical equity in Tanzania*. **Development Partners Group**. 12th June 2019, Invited speaker
28. *The Tanzania NSOAP: process and lessons learned*. National Surgical Obstetric and Anesthesia Planning Meeting. **Surgical Society of Zimbabwe**, August 2018, invited speaker
29. *Surgical systems strengthening through strategic planning*. Policy Seminar, **Keough School for Global Affairs, University of Notre Dame**, March 2018, invited speaker
30. *Principles of drafting, validating and costing a National Surgical, Obstetric and Anaesthesia Plan*, National Surgical, Obstetric and Anaesthesia Planning workshop, **Center for Global Health Delivery, Harvard Medical School**. March 2018
31. *Professional Graduate Programs Panel: Notre Dame Graduate Studies and Research Advisory Council*, **University of Notre Dame**, September 26 2015
32. *National surgical, obstetric and anaesthesia plan in Tanzania: systematic review and needs assessment*, Jumbam D.T., Nyberger K., Dahm J., Maongezi S., Makuwani A., Mukhopadhyay S., Kapologwe N.A., Iverson K. *Safe Surgery 2020*, Meara, J.G., Citron, I. **Tanzania Health Summit 2017**, Dar es Salaam, Tanzania, November 2017
33. *Knowledge, Attitudes and Practices (KAP) Assessment of Malaria Interventions in Zambia*, Jumbam D.T., Stevenson J.C., Grieco J.P., Ahern L., Hamainza B., Sikaala C., Chanda-Kapata P., Matoba J., Achee N.L. **65th Annual Meeting of the American Society for Tropical Medicine and Hygiene**. November 2016
34. *The NSOAP Theoretical Framework*, National Surgical, Obstetric and Anaesthesia Planning workshop, **Center for Global Health Delivery, Harvard Medical School**. March 2019
35. *Surgical systems strengthening through policy; NSOAPs*, **Assist International Innovation Series**, March 2019

AWARDS/HONORS

- Full Tuition Fellowship, Mendoza College of Business, University of Notre Dame 2015 - 2016
- Full Tuition Merit Scholarship Eck Institute for Global Health, University of Notre Dame 2015 - 2016
- Full Tuition Merit Scholarship Taylor University 2012 – 2015
- Dean's List Taylor University 2012 - 2015

EXPERTISE

- Languages
English
French
Limbum
(Cameroon)
- Statistical analysis
IBM SPSS
R Studio
ArcGIS
- Analytical Chemistry
Mass Spectroscopy
UV Vis
NMR
- Programming Languages
R
C++

CERTIFICATES

- *Value-Based Healthcare Delivery: Building the Equity Agenda*, Harvard Business School/Harvard Medical School, Dubai, UAE, 17-19 March 2019
- Entrepreneurship 1: Developing the opportunity, Wharton, University of Pennsylvania Online, Coursera, 07/29/2017

Op-eds

- The solvable health issue that kills more than malaria, AIDS and TB, African Arguments, May 2022, <https://africanarguments.org/2022/05/the-solvable-health-issue-that-kills-more-than-malaria-aids-and-tb/>
- It's time for African leaders to invest in surgery, Devex, May 2019, <https://www.devex.com/news/opinion-it-s-time-for-african-leaders-to-invest-in-surgery-94740>
- There is nothing “unAfrican” about seeking help for mental health, LinkedIn, <https://www.linkedin.com/pulse/nothing-unafrican-seeking-help-mental-health-desmond-jumbam/>
- Surgical NGOs play a crucial road in universal healthcare, healthcare Global, January 2020, <https://www.healthcareglobal.com/hospitals/surgical-ngos-play-crucial-role-universal-healthcare>

Media features

- Man's journey from Poverty in Cameroon to Harvard University becomes viral inspiration, **LAD Bible**, <https://www.ladbible.com/community/daily-ladness-mans-journey-from-poverty-to-harvard-university-becomes-viral-hit-20201014>
- How it started, how it's going – Cameroon Style, **BBC World Service, NewsDay**, <https://www.bbc.co.uk/programmes/p08v6w42>
- Covid-19 Has Disrupted Health Systems Everywhere. Here's How Surgeons Around The World Should Respond, **Forbes**, <https://www.forbes.com/sites/jacquelyncorley/2020/11/12/covid-19-has-disrupted-health-systems-everywhere-heres-how-surgeons-around-the-world-should-respond/?sh=2f3e2a10ff06>
- Strengthening His Community Amid Crisis and Loss, **We Are ND, University of Notre Dame**, <https://weare.nd.edu/stories/strengthening-his-community-amid-crisis-and-loss/>
- 'Can you believe this s**t is still happening?' Meet Desmond T Jumbam, the man who used biting humour to demand vital reforms in global health, **The Correspondent**, <https://thecorrespondent.com/742/can-you-believe-this-s-t-is-still-happening-meet-desmond-t-jumbam-the-man-who-used-biting-humour-to-demand-vital-reforms-in-global-health/98228984392-383eee5b>
- Western Countries Prevented African Nations From Having Their Own Vaccine, **Vice News**, <https://www.vice.com/en/article/epnxd7/africa-covid-vaccine-blocked-by-western-countries>

- A success story that started from Cameroon to Harvard, **iAfrica**, <https://iafrica.com/a-success-story-that-started-from-cameroon-to-harvard/>
- Dalla baracca in Camerun ad Harvard, la storia di Desmond che commuove il mondo, **TusciaWeb**, <http://www.tusciaweb.eu/2020/10/dalla-baracca-camerun-ad-harvard-la-storia-desmond-commuove-mondo/>