

Anne Caroline BENSKI



PERSONAL DATA

Date of birth: January 1st 1986

Nationality: French/Brazilian

Address: Rue de Vermont 8, 1202 Geneva (Switzerland)

Telephone number: + 41 7873 97261

Email (Professional): anne-caroline.benski@hcuge.ch ; cbenski@hsph.harvard.edu

Email (Personal): caroline.benski@gmail.com

Languages: French and Portuguese and Italian mother tongue; perfectly fluent in Spanish and English; working knowledge in Malagasy.

SUMMARY

Ob&Gyn specialist with extensive field experience in the implementation of reproductive health projects in Sub-Saharan Africa (Benin, Burkina Faso and Madagascar). Research design, data gathering, testing of innovative maternal health preserving and cure protocols for obstetrical fistula, cervical cancer and antenatal care/postnatal care in poverty-stricken zones. Stays of up to two year in challenging environments with responsibility to train, manage and control local medical staff. Utilization of high tech/low cost technologies like telemedicine to set up early diagnosis, data base and medical treatment for patients located in isolated areas with focus in improving the access and the quality of care. In 2019-2020, **fellowship** at Harvard School of Public Health within the Takemi Program in International Health to develop those areas of research. During COVID pandemic, part of the task force for the response to COVID-19 for pregnant women and newborns. At the moment, fellow in the Obstetric unit at the Hôpitaux Universitaires de Genève and scientific fellow at Université de Genève (50%). Since October 2021, specialist coordinator for Obstetrics and Gynecology projects at the International Red Cross Committee (ICRC).

HIGHLIGHTS

2021: ObGyn specialist at ICRC

2020: collaboration with Ariadnelabs for the Safe Childbirth Checklist redesign study

2020: Investigator in the INTERCOVID study (international prospective cohort study in pregnancy and neonatal period coordinated by University of Oxford (INTERGROWTH 21st team)

2020: Commissioner for Journal of Global Health Science's Commission on COVID-19 Response

2019-2020: Expert in the Be Healthy Be Mobile for Cervical Cancer Initiative at the World Health Organization

2010-2018 – Several missions with Médecins Sans Frontières (MSF), the last of three months in 2017 in Malawi as specialist in Ob&Gyn to assess screening protocol and treatment of cervical cancer

2016 – Two months mission for Enfants du Monde (EdM) in Burkina Faso to assess and coordinate with MoH the implementation of the PANDA pilot program (Pregnancy and Newborn Diagnostic Assessment) in collaboration with the Burkina Faso Ministry of Health, Hôpitaux Universitaires de Genève (HUG) and EdM. Results from the field are being analyzed.

2015 – One year mission for HUG and Commission des Affaires Humanitaires (CAH) at the Centre Médico-Chirurgical de Saint Damien in Ambanja Madagascar to manage the implementation of a new telemedicine application for antenatal visits, pregnancy follow up and the identification of high-risk pregnancies (PANDA project). Coordination of local medical teams, practical and theoretical training. 600 patients were included in the project which is still in place and run autonomously by the local staff. A second project concerned screening and treatment of cervical cancer (CCPS). Out of 1,540 patients who were screened for cervical cancer and precancerous lesions, 345 tested positive for HPV self-sampling, 127 with pre-cancerous lesions and 15 with cancer. All of them received appropriate treatments. The program is still in place.

2014 – Set up of a telemedicine maternal health project (PANDA) for antenatal care visits for pregnant women at the Mineo CARA Hosting Center for Asylum Seeker (Italy biggest holding center), Sicily, Italy.

2009-2010 – One year experience for Geneva Foundation for Medical and Education Research in Benin, at the Tanguieta Hospital participating in the fistula project to recruit, operate and follow fistula patients in collaboration with two NGOs (Sentinelles and Essor).

PROFESSIONAL EXPERIENCE

2021: Technical coordinator for ObGyn projects at the ICRC

2020-2021: Fellow in the Department of Obstetrics and Hôpitaux Universitaires de Genève (50%)
Academic position for research at Hôpitaux Universitaires de Genève (50%)

2019-2021: 2 years Fellow at Harvard School of Public Health in the Takemi program. Project: mobile health system to improve maternal and neonatal health

2018-2019 - Fellow in the Department of Ob&Gyn at the Hôpitaux Universitaires de Genève (Switzerland)

2017 – Fellow in the Department of Ob&Gyn at the Hôpital Riviera Chablais (Aigle, Switzerland)

2015-2017 – Coordinator for the PANDA and the CCPS projects implemented at the Centre Médico-Chirurgical Saint Damien in Ambanja, Madagascar

2016 – Senior resident in Ob&Gyn at Hôpitaux Universitaires de Genève (HUG – Switzerland) and coordinator of the colposcopy consultation

2013-2014 – Resident at HUG (gynecological surgery and obstetrics)

2013 – Internship at the World Health Organization (WHO) for research projects: Knowledge, Perception of Contraception in Mozambique and adoption of the WHO guidelines on antenatal care into an mHealth system

2012 – Resident in the Department of Ob&Gyn at the Hôpital Riviera Chablais (Aigle, Switzerland)

2010-2011 – Resident at HUG

2009 – Resident at University Hospital Sacro Cuore A. Gemelli (Rome, Italy)

EDUCATION

- 2019-2021 - Takemi Fellow in International Health at Harvard T H Chan School of Public Health
- 2016 – Specialist FMH (Fédération Médicale Helvétique) in Gynecology and Obstetrics at the Hôpitaux Universitaires de Genève (HUG) - Switzerland. Residency 4 years at HUG, one year at Hôpital Riviera Chablais and one year in Madagascar
- 2009 – MD at the San Raffaele Vita-Salute University Milan – Italy (Summa cum Laude)
- 2002 – Baccalaureate at the International School Eugenio Montale in Sao Paulo – Brazil

A. TRAINING COURSES

- 2021: Start4Neo (HUG)
- 2019: Improving quality (Harvard T H Chan School of Public Health)
- 2013 – Certificate of Advances Studies (CAS) in Perinatal Practice at Lausanne University (Switzerland) Université de Lausanne (UNIL) and Ecole Polytechnique Fédérale de Lausanne (EPFL)
- 2012 – Certificate of Advanced Studies (CAS) in Maternal Health – HUG - Geneva
- 2011 –Tropical diseases and Reproductive Health in developing countries, Health and Multiculture, Emergency Assistance and Maternal Mortality in Africa at the WHO – Geneva
- 2009 – Reproductive Health course organized by the WHO and the Geneva Foundation for Medical and Educational Research (six weeks course)
- 2007 – International Cooperation training course organized by Cooperazione Italiana (COOPI) at the L. Bocconi University of Milan - Italy

TEACHING ACITIVITES

- 2021: Tutor for medical student Approche par Problèmes (APP) Activities for 4th year medical students at UNIGE University
- 2021: co-director of a PhD thesis bioethical issues around the access to reproductive and maternal care for vulnerable populations in Geneva
- 2021: Thesis Director for Master students at Medical School
- 2020: Tutor for Approche par Problèmes (APP) Acitivities for 4th year medical students at UNIGE University
- 2016-2018 Courses for medical students (4th year of medical school) on cervical cancer at University of Geneva (UNIGE) – Activité en milieu clinique
- 2017 Courses on sexually transmitted disease at MSF Reproductive Health International Conference
- 2016-2017 Thesis Mentor for 4th year Medical School students at UNIGE
- 2014 Epidemiology lessons for Master students in Physiotherapy (San Raffaele Vita-Salute University Milan – Italy)

GRANTS

1. Commission des Affaires Humanitaire : 125,000 CHF Oct 2021
2. EKFS Foundation 240,000 CHF avec l'ONG Enfants du Monde
3. Fondation Esther: 100,000 CHF (Project: Integrated obstetric simulation training to improve respectful maternity and newborn care in Madagascar)
4. Eugenio Litta Grant – Fondation Valerio di Montelera : 60,000 CHF, 2019 (Fellow at the Takemi International Porgramm, Harvard School of Public Health)
5. Fondation Hans Wilsdorf: 20,000 CHF

6. Groupement Romand de la Société Suisse de Gynécologie et Obstétrique (GRSSGO) : 15,000 CHF, 2017 (Humanitarian project)
7. Groupement Romand de la Société Suisse de Gynécologie et Obstétrique (GRSSGO) : 15,000 CHF, 2016 (Humanitarian project)
8. Groupement Romand de la Société Suisse de Gynécologie et Obstétrique (GRSSGO) : 15,000 CHF, 2015 (Humanitarian project)
9. Commission des Affaires Humanitaires Suisse : 35,000 CHF, 2015 (Humanitarian project)

ORAL PRESENTATIONS AT INTERNATIONAL MEETINGS

1. Webinar Ariadne labs 30 March 202: Impact of COVID19 Pandemic on Maternal-Newborn Health
2. Webinar about twinning partnerships organized by University of Bern and WHO partnership March 2021
3. Webinar University of Freiburg. FIDE Congress Octo 2021
4. Visual approach for cervical cancer prevention and cervical cancer prevention system (CCPS): program database and results of the pilot study. 8th International workshop on screening, prevention and treatment of cervical cancer in Sub-Saharan Africa. March 30th - April 1st 2018, Yaoundé, Cameroun.
5. Cervical Cancer Prevention System: an innovative mHealth system to collect data for cervical cancer screening and treatment. 7th International workshop on screening, prevention and treatment of cervical cancer in Sub-Saharan Africa. March 2016. Douala, Cameroun.
6. Cervical cancer prevention system: a new mobile health program tested in Madagascar. Congrès Suisse de Gynécologie, November 2016, Montreux, Switzerland.
7. Improving and Standardizing Antenatal Care through an mHealth solution. Usability and Feasibility of the PANDA system: Madagascar. Geneva Health Forum. April 2016, Geneva, Switzerland.
8. Problématique de la fistule obstétricale dans le monde. Radio Télévision Suisse Septembre 2016, Geneva, Switzerland.
9. Innovative Mobile Health System for HPV screening in low income countries, Cervical Cancer in Africa: « An NCD we can overcome », May 2016, Geneva, Switzerland
10. Efficacy of a multidisciplinary strategy for obstetric fistula management: Tanguieta Model in Benin, ISOFS, December 2010, Dakar, Senegal

B. PUBLICATIONS

Original articles published in peer reviewed journals

1. 2.5 million deaths – are neonates in low-income countries too small to be seen? A pragmatic review on neonatal mortality. Flavia Rosa-Mangeret, **Anne-Caroline Benski**, Persis Zala, Michiko Kyokan, Noémie Wagner, Anne Golaz, Lulu Muhe, Riccardo E. Pfister (in preparation, to be submitted by the end of 2021)
2. Health system redesign to shift to hospital delivery for maternal and newborn survival: feasibility assessment in Kakamega County, Kenya Nimako K, **Benski C**, Gage A, Roder-DeWan S, Kandje C, Mohamed A, Ali K, Otieno J, Oloo M, Wanzala M, Kruk M. (in press Oct 2021 Global Health: Science and Practice)
3. Gestational diabetes, diabetes mellitus, and high body mass and Covid-19 in pregnancy: The INTERCOVID Study (submitted Sept 2021 AJOG) INTERCOVID Team

4. Real world evidence of trace, test, isolation, and quarantine impact on 2 the COVID-19 pandemic response performance Juhwan Oh, et al, Benski C, Seung-sik Hwang, and Martine McKee (submitted Sept 2021 to Nature Medicine)
5. Telemedicine in maternal health in times of COVID-19: Five national and international projects. **Benski AC**, Reich MR, Martinez de Tejada B. *Rev Med Suisse*. 2021 Oct 20;17(755):1785-1791.
6. Mobility restrictions were associated with reductions in COVID-19 incidence early in the pandemic: evidence from a real-time evaluation in 34 countries. Oh J, Lee HY, Khuong QL, Markuns JF, Bullen C, Barrios OEA, Hwang SS, Suh YS, McCool J, Kachur SP, Chan CC, Kwon S, Kondo N, Hoang VM, Moon JR, Rostila M, Norheim OF, You M, Withers M, Li M, Lee EJ, **Benski C**, Park S, Nam EW, Gottschalk K, Kavanagh MM, Tran TGH, Lee JK, Subramanian SV, McKee M, Gostin LO. *Sci Rep*. 2021 Jul 2;11(1):13717. doi: 10.1038/s41598-021-92766-z.
7. Preeclampsia and COVID-19: results from the INTERCOVID prospective longitudinal study. Papageorgiou AT, Deruelle P, Gunier RB, Rauch S, García-May PK, Mhatre M, Usman MA, Abd-Elsalam S, Etuk S, Simmons LE, Napolitano R, Deantoni S, Liu B, Prefumo F, Savasi V, do Vale MS, Baafi E, Zainab G, Nieto R, Maiz N, Aminu MB, Cardona-Perez JA, Craik R, Winsey A, Tavchioska G, Bako B, Oros D, Rego A, **Benski AC**, Hassan-Hanga F, Savorani M, Giuliani F, Sentilhes L, Risso M, Takahashi K, Vecchiarelli C, Ikenoue S, Thiruvengadam R, Soto Conti CP, Ferrazzi E, Cetin I, Nachinab VB, Ernawati E, Duro EA, Kholin A, Firlit ML, Easter SR, Sichitiu J, Bowale A, Casale R, Cerbo RM, Cavoretto PI, Eskenazi B, Thornton JG, Bhutta ZA, Kennedy SH, Villar J. *Am J Obstet Gynecol*. 2021 Sep;225(3):289.e1-289.e17. doi: 10.1016/j.ajog.2021.05.014. Epub 2021 Jun 26.
8. Adaptation and Implementation of the WHO Safe Childbirth Checklist Around the World: a Mixed Methods Study. Molina R, **Benski AC**, Bobanski L, Tuller D, Semrau K. *Implement Sci Commun*. 2021 Jul 8;2(1):76. doi: 10.1186/s43058-021-00176-z.PMID: 34238374
9. Silent Fight: Maternal Health of Congolese Refugees in Burundi and the Call for Women's Economic Empowerment –Finlay J, **Benski C**, Achandi EL, Ndoricimpa A, Ndikubagenzi J, Niyongabo G, Langer A (submitted April 2021, Health Affairs)
10. Guidelines for Pregnancy Management During the COVID-19 Pandemic: A Public Health Conundrum. **Benski AC**, Di Filippo D, Taraschi GM, Reich M (*International Journal of Environment and Public Health*- Nov 2020)
11. Description of health communication during COVID-19. **Benski AC**, Goyo A, Reich RM (*Frontiers in Communication-Health communication* – Sept 2020)
12. Improving the quality of antenatal care using mobile health in Madagascar: a cross-sectional study over 5 years. **Benski AC**, Viviano M, Schmidh N, Stancanelli G, Reich M . *JMIR mHealth and uhealth* May 2020
13. Obstetric fistula in Western Africa: Assessment of Surgical Outcomes and Social Reintegration of Women Following the Tanguieta Model. **Benski AC**, Delavy M, Viviano M, Catarino R, Rochat CH, Vassilakos P, Petignat P (*Int J Gynaecolo Obstet* 2020 Mar)
14. HPV self-testing for primary cervical cancer screening in Madagascar: triage compliance in HPV-positive women. **Benski AC**, Viviano M, Jinoro J, Alec M, Catarino R, Herniainasolo J, Vassilakos P, Petignat P. *PloS One* 2019 Aug 13.

15. Maternal morbidities during pregnancy in Ambanja, Madagascar – 1000 pregnant women cross-sectional study. Vilaplana EG , Petignat P , **Benski AC** , Soaroby A , Sormani J , Vassilakos P , Gayet-Ageron A, Schmidt NC (International Journal of Women's Health, Aug 2020)
16. Performance of smartphone-based digital images for cervical cancer screening in a low-resource context. Tran PL, **Benski C**, Viviano M, Petignat P, Combescure C, Jinoro J, Herinianasolo JL, Vassilakos P. Int J Technol Assess Health Care. 2018 Jan.
17. A comparison of cotton and flocked swabs for vaginal self-sample collection. Viviano M, Willame A, Cohen M, **Benski AC**, Catarino R, Wuillemin C, Tran PL, Petignat P, Vassilakos P. Int J Womens Health, 2018 May 15
18. High burden of human papillomavirus infection in Madagascar: comparison with other sexually transmitted infection. Bigoni J, Catarino R, **Benski AC**, Viviano V, Munoz M, Honoré D, Petignat P, Vassilakos P. Infectious Disease, 2018 Feb 1
19. A mobile health data collection system for remote areas to monitor women participating in a cervical cancer screening campaign. Kelly Quercia K, Phuong Lien Tran, Jinoro J, Herniainasolo J, Viviano V, Vassilakos P, **Benski AC**, Petignat P . Telemed J E Health. 2018 Apr 24
20. Efficacy of thermoablation in treating cervical precancerous lesions in a low -resource setting. P Lien Tran, B Kenfack, E Tincho Fogue, M Viviano, L Temogne, PM Tebeu, J Tsuala Fouogue, R Catarino, **AC Benski**, P Vassilakos, P Petignat. Int J Women's Health, 2017 Dec 1
21. An innovative mobile health system to improve and standardize antenatal care among undeserved communities: a feasibility study in an Italian hosting center for asylum seekers. Borsari L, Stancanelli G, Guarenti L, Leotta S, Barcellini L, Borella P, **Benski AC**. Journal of Immigrant and Minority Health 2018 Oct 20
22. Cross-sectional survey of knowledge of obstetric danger signs among women in rural Madagascar A Salem, O Lacour, S Scaringella, Herinianasolo J, **Benski AC**, G Stancanelli, PVassilakos, P Petignat, NC Schmidt, BMC Pregnancy Childbirth. 2018 Feb 5
23. Cervical cancer screening in low resource settings: a Smartphone image application as an alternative to colposcopy. C Gallay, A Girardet, Manuela Viviano, R Pinto Catarino, **Benski AC**, PL Tran, C Ecabert, JP Thiran, P Vassilakos, Patrick Petignat. Int J Women's Health 2017 Jun 22
24. A Smartphone-based Approach for Triage of Human Papillomavirus-positive Sub-Saharan African Women. E Urner, M Delavy, R Catarino, M Viviano, U Meyer-Hamme, **Benski AC**, J Jinoro, J Heriniainasolo, M Undurraga, H De Vuyst, C Combescure, P Vassilakos, P Petignat. JMIR Mhealth Uhealth. 2017 May 29
25. Feasibility of thermocoagulation in a screen-and-treat approach for the treatment of cervical precancerous lesions in sub-Saharan Africa. Viviano M, Kenfack B, Catarino R, Tincho E, Temogne L, **Benski AC**, Tebeu PM, Meyer-Hamme U, Vassilakos P, Petignat P. BMC Womens Health. 2017 Jan 7
26. Usability and Feasibility of a Mobile Health System to Provide Comprehensive Antenatal Care in Low-Income Countries: PANDA mHealth Pilot Study in Madagascar **Benski AC**, Stancanelli G, Scaringella S, Herniniainasolo J, Jinoro J, Vassilakos P, Petignat P, Schmidt N Journal of telemedicine and Telecare June 2016 Jun 23
27. Human papillomavirus prevalence and type-specific distribution of high- and low-risk genotypes among Malagasy women living in urban and rural areas. Catarino R, Vassilakos P, Jinoro J, Broquet C, **Benski AC**, Meyer-Hamme U, Petignat P. Cancer Epid 2016 Jun

28. Use of swabs for dry collection of self-vaginal samples to detect Human Papilloma Virus (HPV) among Malagasy women. Vassilakos P, Catarino R, Bouget S, Munoz M, **Benski AC**, Meyer-Hamme U, Jinoro J, Léa Heriniainasolo J, Petignat P. Infect Agent Cancer 2016
29. Four new cases of double heterozygosity for BRCA1 and BRCA2 gene mutations: clinical, pathological, and family characteristics. Zuradelli M, Peissel B, Manoukian S, Zaffaroni D, Barile M, Pensotti V, Cavallari U, Masci G, Mariette F, **Benski AC**, Santoro A, Radice P. Breast Cancer Res Treat. 2010 Nov

Original articles published in non-peer-reviewed journals

Benski AC, Obstetric fistula: a therapeutic multidisciplinary model for long term cure, FORUM, Gynécologie Suisse, Mars 2012, pag.20-22

PUBLISHED BOOKS

1. Armando Santoro e **Anne-Caroline Benski**. Il carcinoma ovarico: 100 domande e risposte Il Pensiero Scientifico Editore, 2012.
2. Rochat CH, Tebeu PM, Guiro JM, Blanchot J, Peabody J, Harroche J, **Benski AC**, Gueye SM. Fistules vésico-vaginales obstétricales et non obstétricales. Encyclopédie Médico-Chirurgicale EMC, 2017.

THESIS

- Doctoral thesis UNIGE: Obstetric fistula: Prognostic factors for successful outcome and quality of life in Benin - Évaluation et efficacité d'une stratégie multidisciplinaire intégrée pour la prise en charge de la fistule obstétricale: le Modèle Tanguieta au Bénin – Etude Retrospective de 2008 à 2016 - Submitted Aug 2021
- MD thesis “Assessment and efficacy of an integrated multidisciplinary strategy for obstetric fistula management in a developing country: The Tanguieta Model in Benin”. San Raffaele Vita-Salute University Milan – Italy (2009)

ABSTRACTS PRESENTED AT INTERNATIONAL MEETINGS

Rose L. Molina, Caroline Benski, Lauren Bobanski, Danielle E. Tuller, Katherine E.A. Semrau. Adaptation and Implementation of the WHO Safe Childbirth Checklist Around the World: A Mixed Methods Study. Global Women's Research Society Conference. Implementing Respectful Care: the Science and the Practice. September 10-11, 2020

Benski AC. Innovative Mobile Health System for HPV screening in low-income countries- Cervical Cancer in Africa “An NCD We Can Overcome” Geneva, July 2016

Benski AC, 7th 8th international workshop on prevention, screening of cervical cancer and colposcopy in Cameroon, April 2016

Benski AC, Rochat CH XX FIGO World Congress of Gynecology and Obstetrics Rome- Italy, October 2012

Benski AC, Stancanelli G, Rochat CH Efficacy of a multidisciplinary strategy for obstetric fistula management: Tanguieta Model in Benin Obstetric Fistula International Conference, ISOFS, Dakar-Senegal, December 2010

ABSTRACTS PRESENTED AT NATIONAL MEETINGS

Benski AC, Schmidt N, Stancanelli G, Petignat P, PANDA system: Pilot Study in Madagascar to test the usability and feasibility of a Mobile Health System to Provide Comprehensive Antenatal Care in Low-Income Countries Geneva Health Forum, April 2016

Caroline Benski, Manuela Viviano, Jérôme Jinoro, Kelly Quercia, Josée Herniainasolo, Pierre Vassilakos, Patrick Petignat. Feasibility of a mobile health (mHealth) data collection system for women participating in a cervical cancer screening campaign: A pilot study in Madagascar SGGG, 2016

Benski AC, Stancanelli G, Schmidt N, Petignat P, Usability and Feasibility of a Mobile Health System to Provide Comprehensive Antenatal Care in Low-Income Countries: PANDA Health Pilot Study in Madagascar, Congrès national GRSSGO Montreux, November 2015

Benski AC, Stancanelli G, Schmidt N, Petignat P PANDA System: A telemedicine for maternal and newborn health: Field study in remote areas of Madagascar – Ambanja region Congrès National GRSSGO Montreux, 2014

Rochat Charles-Henry (GFMER), **Benski Anne Caroline** (HUG), Holger Postulat (AG-MGF), De Bernis Luc (UNFPA), Hatch Jacqueline (Ecole Internationale d'Art de Genève) Première journée internationale pour l'élimination de la fistule obstétricale, Communiqué de presse, Club Suisse de la Presse, Geneva, May 2013

Popescu S, **Benski AC**, Cottier O Etude rétrospective des derniers cinq ans pour les accouchements dans l'eau à l'Hôpital de Aigle: satisfaction du personnel soignant et des patientes Congrès National GRSSGO, Montreux, 2012

Actual Collaborations (2020-2021) – Harvard School of Public Health

- Collaboration with INTERCOVID Team (Oxford)
- Collaboration with Geneva Foundation for Medical and Education Research (GFMER)
- Collaboration in **Service Delivery Redesign** Report July 2020: feasibility assessment of service delivery redesign for improved maternal and newborn survival in Kakamega county (Professor Margaret Kruk and team)
- Collaboration with **BetterBirth team** at Ariadne Labs (Harvard School) for WHO Safe Childbirth Checklist project. The project's purpose is to demonstrate thought leadership on and support for the WHO Safe Childbirth Checklist by stewarding global information sharing and redesigning the tool and implementation guidance. We also plan to build a community of practice using the Aria platform at Ariadne Labs to support implementers around the world in adapting and implementing the WHO SCC according to their context.
- Collaboration with Brigham and Women's Hospital in a **Cervical Cancer** project on patient navigator (project to be ended by the end of 2021)
- Silent Fight: Maternal Health of Congolese Refugees in Burundi and the Call for Women's Economic Empowerment –Jocelyn E. Finlay , Esther Leah Achandi , Arcade Ndoricimpa , Jacques Ndikubagenzi , Gilbert Niyongabo , Ana Langer
- **Activities on COVID-19**
 - Collaborations with Madagascar, Burkina Faso, Tanzania (MoH, NGOs, HUG)
 - (1) Poster in 6 languages for general information about personal protection for pregnant women
 - (2) Video for health care providers working in maternal and newborn health in French
 - (3) Training for health care providers base on simulation for Infection and Prevention Control
 - CLIP (COVID-19 Literature In Pill) Resumes and translations in 300-500 words on existing literature
 - Review of the actual guidelines for pregnant women and COVID-19
 - Panelist for the International Panel "National Responses to the Coronavirus" 4/14/2020
 - Panelist on the Webinar around Maternal Health and COVID-19 March 30th organized by Ariadnelabs