Internet Policy in Africa

Research Methods Workshop For Advocacy

February 26 - March 3, 2018 | Kampala, Uganda

Curriculum 2018

INTERNET POLICY IN AFRICA: RESEARCH METHODS WORKSHOP FOR ADVOCACY

February 26-March 3, 2018, Kampala

The Annenberg School for Communication's Internet Policy Observatory, the Collaboration on International ICT Policy for East and Southern Africa (CIPESA), Small Media, the Open Observatory of Network Interference. Research ICT Africa, Kenya ICT Action Network (KICTANet), Unwanted Witness, Paradigm Initiative, and YoungICTAdvocates welcome you to the *Internet Policy in Africa: Research Methods Workshop for Advocacy.*

We hope that this workshop will serve as a space to build a community of interdisciplinary digital rights researcher-advocates and to facilitate collaboration across scholarly and practitioner communities. We have developed the program to offer you the opportunity to expand your skillset to conduct relevant, impactful and methodologically sophisticated internet policy research while also working with colleagues from the region and experts from around the world. We have built the workshop as an intensive practicum, covering both quantitative and qualitative methods as well as offering case studies which provide illustrations of how to strategically use research for advocacy and policymaking. The course is structured to provide introductory sessions on policy research, legal analysis, basic survey methods, social network analysis, strategic communication, data visualization, and network measurement. To prepare you for the five days, we have provided you with this document in advance of the workshop to give you an understanding of the structure of the program and to provide you with readings and tutorials to review before the course begins. We ask that you read through the document, review tutorials and materials, and come ready for a rigorous five-and-a-half-day program. This document includes a summarized agenda, lesson plans and reading materials, group project instructions, speakers bios, and participant bios.

The group of participants we have selected is also deeply and diversely experienced and we hope that you will offer your own insights and contribute openly to discussion and group activities. As much of the significance of this experience will come from the professional connections, friendships, and professional partnerships that are formed, we have incorporated a collaborative group project throughout the six days that will allow you to work more closely with a small group of participants to build a final project. You should come to the first day of the workshop with a research topic or more specific question that is of interest to you, and we will form groups based on these research questions. For more information on the instructions for this group project, please see here.

As a reminder, we will load course materials and readings in the dropbox folder and you can connect with your fellow participants on facebook or whatsapp. Please make sure to review the logistical information in the dropbox as well and the Code of Conduct for the workshop. If you have any questions at all, email Laura (and do remember to send your mobile number and travel information if you have not done so already)!

AGENDA

DAY 1: Monday, February 26: Introduction to Policy Research Methods

9:00 – 10:15 am: Introductory Remarks & Discussion on Challenges & Opportunities for Internet Policy Research & Advocacy in Africa
Ashnah Kalemera, Laura Schwartz-Henderson, Christopher Ali

Participants and mentors will first introduce themselves and present the organizational challenges or issues they face around research and advocacy. This could include contextual, capacity, legal, data, communication etc. challenges. Participants are encouraged to discuss projects they might be working on or ideas that they have for collaborations or research. We will then review some of the particular internet policy issues and particularities to conducting research in the region.

10:15 am – 12:00 pm: Practicum 1: The Research Question & Policy Methods
Christopher Ali, Laura Schwartz-Henderson

In this session, presenters will examine some of these challenges and opportunities for research in the region and introduce "research for policy impact" as a framework. We will then, explore the ways in which research frameworks, methods, design, and implementation might be used to address these challenges. This session will explore the core elements around research design including: choosing a research framework, developing a targeted research question or questions, understanding the difference between and utility of different kinds of sources (eg. secondary and primary sources), and mapping stakeholders involved in the policy issue. We will also discuss the particular challenges associated with conducting research that is meant to be used in advocacy efforts to impact policymaking processes. The goal is not only for you to understand the basics of doing media policy research, but to demonstrate why planned, systematic, and transparent methods and research design is an important way of getting our work in front of policymakers, regulators, and legislators.

12.00 – 1.45 pm: Working Lunch: Presentation of Research Questions and Formation of Breakout Groups

This working lunch is designed to introduce you to your fellow participants, to brainstorm research topics for your group project assignments, and to create our working groups. During the lunch, each participant will be asked to describe one research question (or topic) that he/she is currently working on, or a research question that he/she is interested in exploring. This should take no longer than 3 minutes per participant (we are on a tight schedule!). Please see below for specific instructions on these research questions. We will then group the questions together and ask you each to self-select which subject/research question you

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would like to work on for the course. This is how the groups that you will be part of for the remainder of the week will be formed.

1:45 – 2:45 pm: Case Study: Internet Freedom and the Universal Periodic Review
James Marchant, James Nkuubi Luyombya

The Universal Periodic Review is a unique process which reviews the human rights records of all UN Member States. Could we imagine a future where the process is used to support online freedoms as well? Although underutilised at the moment, the UPR already provides a framework within which we can lobby governments to change the way they regulate and control the internet and the lives of citizens who use it. In this session, James Nkuubi Luyombya (Human Rights Network – Uganda) and James Marchant (Small Media) will walk you through the Universal Periodic Review process, and show you how your research could help to get crucial internet freedom issues on the international agenda in the months and years ahead.

2.45 – 3.00 pm: Coffee/Tea Break

3:00 – 5:30 pm: Practicum 2: The Methods of Policy Research: Stakeholder Analysis, Document Analysis, Conducting Interviews and Focus Groups
Christopher Ali, John Remensperger

One of the most frustrating aspects of media policy research is just that, the research. What does it mean to read a policy document analytically, rather than just nominally? What are the methods available to us when doing policy research? And how do we operationalize a study, pose the right research questions, and figure out the best methods to answer those questions? Over the course of the afternoon, we will use real world examples from your experiences and case studies to flush out the steps of media policy research. It starts from the idea that a policy decision is 'the result of a process characterized by the formulation of different views and interests, expressed by actors or stakeholders who adhere to a particular logic, engage in debate, and work towards a policy decision in relevant fora'. We will discuss the various factors involved: What are the issues? Who are stakeholders? How can they be identified? How do you conduct an in-depth interview? For what types of research do you choose to do interviews and when do you organize focus groups?

6:45 pm onwards: **Opening Dinner and Reception** *(location TBD)*

DAY 2: Tuesday, February 27: Legal Research and Qualitative Research Working Session

9:00 – 12:45 PM: Practicum 3: Legal Research for Internet Policy and "Digital Rights" Analysis
Jessica Dheere, Jonathan McCully, Catherine Anite, Moses Karanja

This session will provide an overview of the basics of legal research, and will help participants locate digital rights-related legislation and case law within international, regional and domestic legal frameworks. The object of the session is to help non-lawyers understand how to look up the law, read it and use it to inform and advance their watchdog efforts and policy advocacy. The session will consider the importance of specifically defining the scope of your legal research before you begin, and will highlight why this is particularly important when conducting legal research on "digital rights". We will then discuss different sources of law, their inter-connections, and how they might be relevant to your research. Participants will then learn how to evaluate and map legal sources and findings. The session also aims at introducing participants to useful tools for conducting legal research. For the lawyers and legal researchers in the room, we hope you will contribute your insight in the discussion and help your fellow participants. The session will then move on to look at a practical example of a research methodology for finding law and case-law related to digital rights.

12:45 – 1.30 pm: Lunch

1:30 – 2:15: Case Study: Social Media Regulation in Uganda
Julianne Sansa-Otim

In 2011, the Uganda Communications Commission (UCC) directed all service providers to temporarily block access to certain services which included Facebook and Twitter in fear of these social media networks being used to escalate opposition protests. On 18 February 2016, the day of the Presidential elections, once again UCC blocked access to social media networks, President Museveni stated that this was done to stop people "telling lies". The social media networks were inaccessible for several days. Civil society in Uganda and across the world condemned this decision as an attack on freedom of expression. In this presentation, we discuss how research can be used in conjunction with advocacy to advocate for better regulatory policies to promote freedom of expression on social media platforms.

2:15- 3:00 pm: Case Study: Using Strategic Litigation to Protect "Digital Rights"
Jonathan McCully

This session will consider the important role that can be performed by strategic litigation in strengthening the legal protection of "digital rights" and advancing internet policy. The session will begin with an introduction to strategic litigation, looking at what it means and its purpose. This will be followed by a practical guide to developing a litigation strategy. This strategy is aimed at assisting lawyers and non-lawyers in identifying when, where and how to litigate on a specific "digital rights" issue. The session will use a case study on internet shutdowns to demonstrate how a litigation strategy can be used in practice. We hope that, by the end of the session, participants will be confident about considering strategic litigation as part of a wider campaign.

3.00- 3:10 pm: Coffee/Tea Break

3:10 – 5:30 pm: **Working Session**

This session will provide participants with the time to work in their groups to continue to refine their research questions, to build out potential qualitative and legal methodologies that would be pertinent to these research goals and to receive feedback. Participants will work together to brainstorm ideas and begin to draft a research plan around one research question or several research questions that incorporate various sources and methodologies learned thus far. Participants will review various sources of secondary data that are available, identify potential subjects for interviews, and discuss the applications of these projects within existing or future advocacy campaigns.

DAY 3: Wednesday, February 28: Survey Methods & Network Measurement

9:00 – 12:45 pm: Practicum 4: Survey Methods
Dharanaj Thakur, Wairagala Wakabi

This session will introduce participants to some of the basic concepts in survey research and design, with an emphasis on research in digital rights and online spaces. We will look at the major steps in the development of surveys from coming up with the research question to sampling and survey administration; the session will allow participants to practice these steps themselves. We will also pay attention to ethical issues that arise particular for research on ICT related issues. Ideally participants will have a foundation upon which they can better interpret survey results in their fields, and with further work design and administer their own surveys.

12:45 pm – 1:30 pm: Lunch

1:30 – 3:00 pm: Practicum 5: Measuring Internet development in Africa from a content use, hosting and distribution perspective
Josiah Chavula and Enrico Calandro

Although investments in broadband infrastructure have improved broadband speeds across many African countries, the reliability and performance that users ultimately experience is determined also by the interconnection between ISPs, as well as by where the content, services and applications are hosted. Past studies have suggested that most of the web content in Africa is accessed from overseas locations. This configuration is not ideal, as it increases latencies and costs to access the content. Often, high latencies to destinations introduce significant general performance bottlenecks. This talk will discuss Internet measurement platforms, tools and methodologies that can used to characterize web latencies and to geolocate web servers, content distribution networks and routes used for Africa's online content. This talk will also highlight challenges related to usage, hosting, distribution and accessing of local content in developing countries' context.

3:00-3:10 pm: Coffee/Tea Break

3:10 – 5:30 pm: Practicum 6: Measuring Censorship Using OONI
Maria Xynou, Moses Karanja, Arturo Filasto

Identifying, confirming and attributing cases of internet censorship can be challenging, particularly since the censorship techniques adopted by ISPs can be quite subtle. The Open Observatory of Network Interference (OONI) is a free software project that emerged to enable the public to measure networks with the aim of identifying cases of internet censorship and other forms of network interference. As part of this session, you will learn how OONI's network measurement software (called OONI Probe) works, what data choices you can make, and how you can use the software to measure internet censorship in your country. You will also learn how to contribute to community resources for censorship measurement research, as well as how to dig through OONI's network measurement data. The session facilitators will also share censorship findings from some African countries based on OONI data.

DAY 4: Thursday, March 1: Introduction to Social Network Analysis & the Wonders of Webscraping

9.00 – 12:45 PM: Practicum 7: Introduction to Social Network Analysis
Ghislaine Lewis and Richard Ngamita

This session gives an introduction to Social Network Analysis (SNA) with a focus on how it is used to analyze social media networks. We will look at data collection techniques and how SNA has been used in the African context. We will also consider how the visualizations derived from SNA can be used to

communicate with your intended audience. Finally with will do a hands on session on the mapping of network stakeholders using SNA can be used to answer your research questions.

12:45- 1:30: Lunch

1:30- 2:15: Case Study: Monitoring surveillance and targeted malware
Neil Blazevic

In this session we will explore the network and user monitoring which takes place through the use of targeted malware. In particular, we will look at how civil society, researchers, industry, and academics should work together to monitor the usage of targeted malware. We will look at the role of researchers and at the computer emergency response ecosystem for civil society.

2:15- 3:00- Case Study: The Kenya ICT Action Network, Multistakeholderism in Research, Policy and Advocacy
Barrack Otieno

The Kenya ICT Action Network (KICTANet) started as a lose network of individuals and institutions interested in ICT policy making in 2005. During that time, the network gave input to the development of Kenya's ICT Policy of 2006. Once the policy was passed, the listserv remained a space for thoughts on various legal and policy changes in Kenya and beyond. KICTANet has now matured into a public participation organization and is often called upon to contribute views to national, regional and global documents. Through this talk we will evaluate the value of this kind of diverse multi-disciplinary stakeholder network in contributing to policy, advocacy, and research. Examples will be given on how conversations have evolved on issues such as net neutrality, access to information, and content controls and how collaboration can lead to research and policy outcomes.

3:00 – 3:10 pm: Coffee/Tea Break

3:10 – 5.30 pm: Group Working Session

This session will provide participants with the time to work in their groups to continue to refine their research questions, to build out potential ways to build the group projects and incorporate the methods learned thus far throughout the course. Groups should use this session to shape their 10-15 minute presentation for Saturday afternoon that provides an overview of the group's work over the past four days, including descriptions of research question(s), the research plan that has been developed for the project, potential challenges for the project, ways in which this research could be used within current advocacy campaigns, the strategic audiences for this research, and ways in which this research would be presented to various stakeholder audiences.

DAY 5: Friday, March 2: Translating Research for Impact

9:00 – 11:15 am: Practicum 8: Strategic Communication, Visuals, and Using Research for Advocacy
Bronwen Robertson

NGOs and civil society actors are no stranger to research. In fact, it's often the bread and butter of their existence. But this wealth of insight often gets buried in dense annual reports, maybe a chart or two is thrown in for good measure. Researchers often get so deeply embedded in a topic, that it's difficult to take that crucial step back to compose an effective advocacy message from their findings. If you've ever wanted to tell a story with data, but didn't quite know where to start, then this session's designed just for you. We'll introduce you to some inspiring data driven campaigns from DATA4CHAN.GE East Africa, a collaboration between Small Media, DefendDefenders, and passionate NGOs from Tanzania, Uganda, and Kenya. Then you'll break into small teams to design a strategy for your own campaign. You'll be given a dataset and a brief, and we'll walk you through creating user personas (so you can understand how to target your messages effectively), and teach you how to use a free online tool to create rapid prototypes of data visualisations (so you can test your research questions).

11:15- 12:00: Case Study: Conducting Research that Influences Policy
Jeff Wokulira Ssebaggala

Through this session we will explore how Unwanted Witness advocates for internet freedoms in Uganda through a variety of means: media, strategic litigation, lobbying, and information campaigns. This presentation will describe how research fits into each of these advocacy strategies and how to choose the advocacy strategy to match each issue you are working on.

12:00-12:45: Case Study: Cybercrime, Digital Rights, and Law Enforcement in Nigeria
Tope Ogundipe

This session will explore how to use strategic communications to have influence on various groups, especially ones typically not considered critical to policymaking conversations or advocacy efforts. We will explore case studies of policy consultations Paradigm Initiative has held with law enforcement agencies, who play a critical role in determining the status of rights and freedoms and the ways of framing messages to present digitals rights as human rights.

12:45- 1:30: Lunch

1:30- 4:00 pm: "Deeper Dive" Practicums

For this session, you choose one of the topics below to spend a bit more time working intensively on these issues. Click on the title for more information on the session.

1. Social Networking Analysis & Webscraping
2. Network Measurement
3. Focus Groups & Interviews
4. Data Visualization, Campaign Development and the UPR
5. Digital Security for Internet Research Projects

4:00 – 5:30 pm: **Group work**

During this last hour and a half of the day, we ask you to reconvene with your groups to discuss the additional things you learned during the deeper dive sessions and to finalize your presentations for tomorrow.

7.00 pm onwards: **Dinner Celebration** (location TBD)

DAY 6: Saturday, March 3: Presenting & Funding Collaborative Research

9:00 – 10:30 AM: Discussion on Finding Funding and Building Collaboration for Research

During this session, we will engage in an open discussion about finding funding for research, tips for applying for funding, and ways to build collaborative research projects that have impact objectives. We will ask each of you to bring 2-3 ideas for funding sources to build out a comprehensive list.

10:30-12:30: Group Working Session & Lunch

During this open session, groups will work together to prepare final presentations, breaking out for lunch at the end of the session.

12:30-2:30: Final presentations

2:30-3:00: Group Photos & Certificates

GROUP RESEARCH PROJECT ASSIGNMENTS

Throughout the five and a half days of the methods workshop, you will be given the opportunity to practice what you've learned within open group working sessions. In these sessions, we will ask you to meet in the working groups that you will choose during the first day and work on developing a research proposal that incorporates the methods you've learned to be presented to the rest of the group on the afternoon of the last day of the program.

In the days before the workshop begins, we ask you to prepare a research question to be presented on the first day of the course. This research question can relate to your current work, can fit within an existing research project, or it can be an area of interest to you that you believe should be explored. The research question can relate to a number of digital rights and internet policy topics, including censorship online, surveillance and privacy, access, net neutrality, gender and identity online, trade issues related to digital rights, access to information, or internet governance issues. This research question does not need to be entirely refined, but you should be prepared to talk about an idea, question, or series of related questions for about 2-3 minutes. This research question can be related to a specific country, but you should also describe ways in which the research could be expanded to incorporate other countries in the region. *After you present, participants will form into groups of between 3 and 5 people based on the presentations and shared interests. You can all choose to work on the research question presented by one person or modify/combine research interests.*

As a group, throughout the following days of the course you will continue to refine your group research topic and figure out how to operationalize these research questions through the methods that you learn. The projects can be comparative in scope or focus on a single country within the region.

On the final afternoon of the program, you will be expected to do a 10-minute presentation and create a working document that includes the following:

1. Your main research question and sub-questions

2. Background of the issue and why it is relevant (the "so what" question)

3. A short literature review (provide at least 4 sources and explain their relevance to your project)

4. Map the stakeholders (by influence and interest)

5. Key policy documents you will review (policy documents, legal documents)

6. Methods you will use. This must include both qualitative and quantitative methods

7. Challenges

9. Impact deliverables and Communication Plan

    a. Your impact objectives & links with current advocacy efforts

    b.   Your audience(s)

    c. Your message and communication strategy/format

At the close of the program, we will collectively brainstorm funding sources for these research projects. The IPO, CIPESA, and other workshop mentors/trainers will continue to work with any participants to continue to refine these research proposals, develop the methodologies, and identify sources of funding.

If you have questions on any of the group work or if you would like to discuss the research question you will present on the first day, please email Laura!

LESSON PLANS AND MATERIALS

DAY 1: Introduction to Research for Impact
Monday, February 26

9:00 – 10:15 am: Introductory Remarks & Discussion on Challenges & Opportunities for Internet Policy Research & Advocacy in Africa

Ashnah Kalemera, CIPESA

Christopher Ali, Department of Media Studies, University of Virginia

Laura Schwartz-Henderson, Internet Policy Observatory

Participants and mentors will first introduce themselves and present the organizational challenges or issues they face around research and advocacy. This could include contextual, capacity, legal, data, communication etc. challenges. Participants are encouraged to discuss projects they might be working on or ideas that they have for collaborations or research. We will then review some of the particular internet policy issues and particularities to conducting research in the region.

10:15 am – 12:00 pm: Practicum 1: The Research Question & Policy Methods

Christopher Ali, Department of Media Studies, University of Virginia

Laura Schwartz-Henderson, Internet Policy Observatory

This session will begin by discussing the ways research can be best used within a policymaking and advocacy context, and what it means to shape research with a specific impact objective in mind. We will then explore the core elements around research design including: choosing a research framework, developing a targeted research question or questions, understanding the difference between and utility of different kinds of sources (eg. secondary and primary sources), and mapping stakeholders involved in the policy issue. We will also discuss the particular challenges associated with research meant to be used in advocacy efforts to impact policymaking processes. As a group, we will create a map of the research methods currently being used as well as the challenges and complications involved in particular methodologies.

Lesson Plan

- 10:15 – 10:25 am: Understanding Research for impact

- 10:25 – 10:50 am: Overview of basic research steps:

  Identifying research question(s), sources, designing research, methods (including interviewing sources), and citing, verification / fact checking..

- 10:50 – 11:10 am: Step 1: General Research Topic& Identifying Sources:

Identifying available sources (literature review), including databases, academic studies, reports by IGOs and NGOs, and articles; assessing the quality and reliability of sources.

- 11:10– 11:35 am: Step 2: Refining research questions and goals:

  What makes a good research question?

- 11:35– 11:55 am: Step 3: Designing Research Plan for Impact:

  Devising research project, including methods, data sources, and interviews- considering strategic use of research, key audiences for research, timeline

- 12:00 – 1:45 pm: Working Lunch, Presentation of Research Questions & Formation of Groups

Readings/background materials:

1. Young, John. 'Impact of Research on Policy and Practice'. IDRC : https://www.idrc.ca/en/article/impact-research-policy-and-practice

2. "The Literature Review: It's Role within Research," in Systematic Approaches to a Successful Literature Review. By Andrew Booth, Diana Papaioannou, and Anthea Sutton. London: Sage, 2012, http://uk.sagepub.com/sites/default/files/upm-binaries/43465_Booth_et_al.pdf

3. "What Makes A Good Research Question?," Thompson Writing Program, Duke University, http://twp.duke.edu/uploads/media_items/research-questions.original.pdf

4. Review existing literature on your assigned topic to bring to the discussion and build your groups literature review

1:45 – 2:45 pm: Case Study: Internet Freedom and the Universal Periodic Review

James Marchant, Small Media

James Nkuubi Luyombya, Human Rights Network- Uganda

The Universal Periodic Review is a unique process which reviews the human rights records of all UN Member States. Could we imagine a future where the process is used to support online freedoms as well? Although underutilised at the moment, the UPR already provides a framework within which we can lobby governments to change the way they regulate and control the internet and the lives of citizens who use it. In this session, James Nkuubi Luyombya (Human Rights Network – Uganda) and James Marchant (Small Media) will walk you through the Universal Periodic Review process, and show you how your research could help to get crucial internet freedom issues on the international agenda in the months and years ahead. By the end of this session, participants will be able to:

- Understand the core processes of the UPR
- Recognise the different ways that the UPR can deliver policy impact
- Identify the key points at which they could feed into the UPR process

Lesson Plan

1:45-1:55: Introduction

1:55-2:20: Introduction to the UPR

- James L presents, running through the different stages of the UPR process and highlighting engagement points where participants can influence events.
- Provide some case studies of where the UPR process has delivered real impacts.

2:20-2:35: Exercise – Situate Countries in UPR Process (15 minutes)

- Demonstrate UPR Info platform, show how to access country-specific info.
- Create 'engagement stations' around the room representing points at which people can engage with UPR process.
- Ask participants to go to the next 'engagement point' for their country's process, based on the UPR Info platform.
- Get some participants to explain how they could get involved in their countries' processes.
- Opportunity to ask UPR 'veterans' to talk about their experiences at each of the engagement points.

2:35-2:45: Review and Further Considerations (10 minutes)

- Brief discussion of challenges of UPR process – including political nature of process
- Run through country-specific UPR templates that participants can go away, fill in, and return to trainers for review.
- Re-pitch UPR project and encourage participants to engage with it

Background materials:

1. Brown, Deborah and Sheetal Kumar. Using the Universal Periodic Review for Human Rights Online. Global Partners Digital:

   https://www.apc.org/sites/default/files/UPR%20Brief%2001072016_1.pdf

2. Sexual Rights and the Universal Periodic Review: A Toolkit for Advocates. The Sexual Rights Initiative: https://www.ippf.org/resource/sexual-rights-and-universal-periodic-review-toolkit

3. Internet Freedom and the Universal Periodic Review. Small Media (in dropbox)

2.45 – 3.00 pm: Coffee/Tea Break

3:00 – 5:30 pm: Practicum 2: The Methods of Policy Research: Stakeholder Analysis, Document Analysis, Conducting Interviews and Focus Groups

Christopher Ali, *Department of Media Studies, University of Virginia*

John Remensperger, *Annenberg School for Communication, University of Pennsylvania*

One of the most frustrating aspects of media policy research is just that, the research. What does it mean to read a policy document analytically, rather than just nominally? What are the methods available to us when doing policy research? And how do we operationalize a study, pose the right research questions, and figure out the best methods to answer those questions? Over the course of the afternoon, we will use real world examples from your experiences and case studies to flush out the steps of media policy research. It starts from the idea that a policy decision is 'the result of a process characterized by the formulation of different views and interests, expressed by actors or stakeholders who adhere to a particular logic, engage

in debate, and work towards a policy decision in relevant fora'. We will discuss the various factors involved: What are the issues? Who are stakeholders? How can they be identified? How do you conduct an in-depth interview? For what types of research do you choose to do interviews and when do you organize focus groups?

Lesson Plan

- 3.00 – 3.30 pm: Research design and research questions

- 3.30 – 4.15 pm: How to read a policy document and stakeholder analysis

- 4.15 – 4.30 pm: *Break*

- 4:30 – 5:30 pm: Interviews & Focus Groups

Readings/background materials

- Towards a media policy process analysis model and its methodological "implications" Hilde Van den Bulck (in dropbox)

- "What we talk about when we talk about document analysis" Kari Karppinen & Hallvard Moe (in dropbox)

- "Elite interviewing in media and communications policy research" Christian Herzog & Christopher Ali (in dropbox)

- Freitas, Henrique, et al. "The Focus Group, a qualitative research method." *Journal of Education* 1.1 (1998): 1-22. (in dropbox)

DAY 2: Legal Research

Tuesday, October 3

9:00 – 12:45 PM: Practicum 3: Legal Research for Internet Policy and "Digital Rights" Analysis

Jessica Dheere, Social Meda Exchange

Jonathan McCully, Media Law Defense Initiative

Catherine Anite, Human Rights Network for Journalists

Moses Karanja, University of Toronto

This session will provide an overview of the basics of legal research, and will help participants locate digital rights-related legislation and case law within international, regional and domestic legal frameworks. The object of the session is to help non-lawyers understand how to look up the law, read it and use it to inform and advance their watchdog efforts and policy advocacy. The session will consider the importance of specifically defining the scope of your legal research before you begin, and will highlight why this is particularly important when conducting legal research on "digital rights". We will then discuss different sources of law, their inter-connections, and how they might be relevant to your research. Participants will then learn how to evaluate and map legal sources and findings. The session also aims at introducing participants to useful tools for conducting legal research. For the lawyers and legal researchers in the room, we hope you will contribute your insight in the discussion and help your fellow participants. The session will then move on to look at a practical example of a research methodology for finding law and case-law related to digital rights.

Lesson Plan

9:00-10:30 am: Conducting Legal Research on "Digital Rights": The Basics (Jonathan McCully & Catherine Anite)

1) Knowing what to look for: the importance of definitions & defining "digital rights"
2) Where to find it: hierarchy of law and legal sources
   a) International Law
   b) Regional Law
   c) Domestic Law
   d) Comparative Law
3) What to do with it: evaluating legal sources/ keeping track/ application
4) How to find it: practical tips for researching law through online sources

10:30-10:45: Break

10:45- 11:45 am: Locating Digital Rights Law in National Legal Frameworks (Jessica Dheere & Moses Karanja). In this session, participants will:
        (1) be introduced to a methodology for finding law and caselaw related to digital rights

(2) explore a new database for digital rights legal data and

(3) learn how a variety of applications of this data can help inform and advance watchdog efforts and policy advocacy.

11:45-12:45: Group Work: Participants will develop and test a legal research strategy that supports their research questions. Using the basic legal research skills and methodology outlined for locating digital rights law, they will begin to identify and annotate legislation and caselaw relevant to their inquiry.

Background materials

Conducting Legal Research on "Digital Rights": The Basics (additional resources to the ones we have already provided)

- Cornell University, Law Library (N/D), *Basics of legal research*: https://www.ca10.uscourts.gov/sites/default/files/library/Basics%20of%20Legal%20Research%20from%20Cornell%20University%20Law%20Library.pdf
- Harvard Law School Library, *Activist Research Guide*: https://guides.library.harvard.edu/activist-research

Useful resources for research (these will be covered during the session)

- The Colombia Global Database of Freedom of Expression Case Law: https://globalfreedomofexpression.columbia.edu/cases
- The African Human Rights Case Law Analyse: http://caselaw.ihrda.org
- WorldLii Country List: http://www.worldlii.org/catalog/215.html
- Globalex: http://www.nyulawglobal.org/globalex/index.html
- UNHCR's Refworld: http://www.unhcr.org/cgi-bin/texis/vtx/refworld/rwmain
- Lexadin: http://www.lexadin.nl/wlg/
- WIPO Lex: http://www.wipo.int/wipolex/en/
- University of Minnesota Human Rights Library: http://www1.umn.edu/humanrts/
- African Human Rights Case Law Database: http://www.chr.up.ac.za/index.php/documents/african-human-rights-case-law-database.html
- Media Legal Defence Initiative, *Manual on Freedom of Expression Law*: https://www.mediadefence.org/resources/mldi-manual-freedom-expression-law
- Leigh Day, *The African Regional Human Rights Courts (Factsheet)*: https://www.leighday.co.uk/getattachment/Asserting-your-rights/Human-rights/Human-Rights-resources/Regional-Human-Rights-Courts-in-Africa/Regional-human-rights-courts-in-Africa-factsheet.pdf.aspx

12:45- 1:30: Lunch

1:30- 2:15: Case Study: Social Media Regulation in Uganda

Dr. Julianne Sansa-Otim, Makerere University College of Computing and Information Sciences

In 2011, the Uganda Communications Commission (UCC) directed all service providers to temporarily block access to certain services which included Facebook and Twitter in fear of these social media networks being used to escalate opposition protests. On 18 February 2016, the day of the Presidential elections,

once again UCC blocked access to social media networks, President Museveni stated that this was done to stop people "telling lies". The social media networks were inaccessible for several days. Civil society in Uganda and across the world condemned this decision as an attack on freedom of expression. In this presentation, we discuss how research can be used in conjunction with advocacy to advocate for better regulatory policies to promote freedom of expression on social media platforms.

Readings/background materials

- "Uganda election: Facebook and WhatsApp blocked," BBC, February 18, 2016, http://www.bbc.com/news/world-africa-35601220;
- Evie Browne, 2015 "Social Media and Governance" www.gsdrc.org/docs/open/hdq1191.pdf

2:15 -3:00 pm: Case Study: Using Strategic Litigation to Protect "Digital Rights"

Jonathan McCully, *Media Law Defense Initiative*

This session will consider the important role that can be performed by strategic litigation in strengthening the legal protection of "digital rights" and advancing internet policy. The session will begin with an introduction to strategic litigation, looking at what it means and its purpose. This will be followed by a practical guide to developing a litigation strategy. This strategy is aimed at assisting lawyers and non-lawyers in identifying when, where and how to litigate on a specific "digital rights" issue. The session will use a case study on internet shutdowns to demonstrate how a litigation strategy can be used in practice. We hope that, by the end of the session, participants will be confident about considering strategic litigation as part of a wider campaign.

Readings/background materials

- Roger L. Martin, *Five Questions to Build a Strategy*, Harvard Business Review : https://hbr.org/2010/05/the-five-questions-of-strategy
- Advocates for International Development, *Short Guide - strategic litigation and its role in promoting and protecting human rights* : www.a4id.org/wp-content/uploads/2016/04/Strategic-Litigation-Short-Guide-2.pdf
- The Catalysts for Collaboration website offers a set of best practices and case studies encouraging activists to collaborate across disciplinary silos and use strategic litigation in digital rights campaigns : https://catalystsforcollaboration.org

3.10 – 5:30 pm: Working Session

In this session, groups should work to brainstorm and refine the group's research question and synthesize the qualitative methods reviewed thus far in the course. Look at the assignment instructions for your presentations on Saturday, and start to think about what your group would like to focus on and the various sections of the proposal. Groups will:

- Discuss your group's topic and review sources to construct a basic literature review

- Workshop potential research questions & start narrowing down topics and refining the questions

- Begin to consider various methods that could be used for this research

- Brainstorm potential audiences and applications for this research (policymaking, advocacy)

- Review existing legal resources and datasets pertinent to the region and your topic area

- Begin to draft a research plan or several potential plans that try to answer your research questions by incorporating various sources and methodologies learned thus far.

- Think about ways in which social science and legal research might be used together? Consider the challenges of conducting mixed-methods research and some of the opportunities.

- We recommend starting a shared google doc or something similar to write your group's ideas and notes.

DAY 3: Survey Methods & Network Measurement

Wednesday, February 28

9:00 – 12:45 pm: Practicum 4: Survey Methods

Wairgala Wakabi, CIPESA

Dharanaj Thakur, Alliance for Affordable Internet, World Wide Web Foundation

This session will introduce participants to some of the basic concepts in survey research and design, with an emphasis on research in digital rights and online spaces. We will look at the major steps in the development of surveys from tweaking the research question to sampling and survey administration; the session will allow participants to practice these steps themselves. We will also pay attention to ethical issues that arise particular for research on ICT related issues. Ideally participants will have a foundation upon which they can better interpret survey results in their fields, and with further work design and administer their own surveys.

Lesson Plan:

9:00-11:00 am - Survey Methods Overview

- Introduction - Survey Methods
    - Research for the big picture and when is a survey relevant
    - The need to be critical and challenge existing ideas
    - Policy research vs. academic research
    - What is empirical research and how to develop a good research question
- Survey Design Process
    - Research Question
    - Independent and dependent variables
    - Introduction to hypothesis testing and errors
    - How to measure variables using different types of survey questions
- Sampling
    - What is sampling and why do we need it
    - How representative should a sample be
    - Different approaches to sampling
- Survey Administration
    - Type of Surveys:
        - Face to face Surveys
        - Mobile phone based surveys (voice)
        - Online surveys
    - Ethical issues in survey design and administration

11:00-11:45 am - Survey Research Examples

- [Women's Rights Online](#)
  - Household surveys in 10 countries looking at gender and ICTs
- [Mobile Data Surveys](#)
  - Mobile phone based surveys in 8 countries - looking at what kinds of mobile data plans people are using
- CIPESA survey - 2015 on perceptions on internet freedom

11:45-12:45 - Group Work (Exercise on designing a brief survey)
- Working in groups develop a short survey (max 5 non-demographic related questions) related to your main research question. You should first identify a research question, a related hypothesis, identify relevant variables, and then survey questions for all relevant variables.
- Determine what is the best survey method to use
- Also, be clear as to the reason for including each question in the survey.
- Briefly describe the population and sample that is relevant to your research question. What is the most appropriate sampling approach in this case and why.

Required Reading

- Chapter 8 - Survey Research (in Babbie. The Practice of Social Research).
  - In this reading please focus on the sections on guidelines for asking questions, questionnaire construction, comparison of different survey methods.
- [EROTICS Global Survey 2017](#): Sexuality, rights and internet regulations
  - In this reading please focus on the sampling, challenges experienced in reaching some under-represented stakeholders, and the framing of the questions in the survey instrument found on pg 33.

Additional Readings/background materials:

1. Women's Rights Online ([Methodology Annex](#))
2. [Mozambique Mobile Access and Usage Study Computer-Assisted Telephone Interview (CATI) Survey Results, USAID.](#)
3. [International Telecommunications Union (ITU) Manual for Measuring ICT Access and Use by Households and Individuals (2014) English version.](#)
4. http://www.pewresearch.org/methodology/u-s-survey-research/   - useful online resource from Pew

12:45- 1:30 PM: **Lunch**

1:30 – 3:00 pm: Practicum 5: Measuring Internet development in Africa from a content use, hosting and distribution perspective

[Enrico Calandro](#), Research ICT Africa

[Josiah Cavula](#), Alliance for Affordable Internet, World Wide Web Foundation

Although investments in broadband infrastructure have improved broadband speeds across many African countries, the reliability and performance that users ultimately experience is determined also by the interconnection between ISPs, as well as by where the content, services and applications are hosted. Past

studies have suggested that most of the web content in Africa is accessed from overseas locations. This configuration is not ideal, as it increases latencies and costs to access the content. Often, high latencies to destinations introduce significant general performance bottlenecks. This talk will discuss Internet measurement platforms, tools and methodologies that can used to characterize web latencies and to geolocate web servers, content distribution networks and routes used for Africa's online content. This talk will also highlight challenges related to usage, hosting, distribution and accessing of local content in developing countries' context.

Background materials

- Chen, A., Feamster, N., and Calandro, E. (2017). Exploring the Walled Garden Theory: An Empirical Framework to Assess Pricing Effects on Mobile Data Usage. Telecommunications Policy, Special edition on Africa. Available at https://www.sciencedirect.com/science/article/pii/S0308596117302616
- Chavula, J., Phokeer, A., Formoso, A., and Feamster, N. (2016). Insight Info Africa's Country-level Latencies. Available at http://pubs.cs.uct.ac.za/archive/00001179/01/PID4906681.pdf
- Chetty, M., Sundaresan, S., Muckaden, S., Feamster, N., and Calandro, E. (2014). Measuring broadband performance in South Africa. ACM DEV-4 '13 Proceedings of the 4th Annual Symposium on Computing for Development Article No. 1. Available at http://www1.icsi.berkeley.edu/~srikanth/docs/broadband-sa-dev4.pdf

3:10 – 5:30 pm: Practicum 5: Measuring Censorship Using OONI

Maria Xynou, Open Observatory of Network Interference

Moses Karanja, University of Toronto

Arturo Filasto, Open Observatory of Network Interference

In this hands-on practicum, building from the previous session participants will learn how to deconstruct the anatomy of blocking events using a variety of technical and non-technical data sources. Identifying, confirming and attributing cases of internet censorship can be challenging, particularly since the censorship techniques adopted by ISPs can be quite subtle. The Open Observatory of Network Interference (OONI) is a free software project that emerged to enable the public to measure networks with the aim of identifying cases of internet censorship and other forms of network interference. As part of this session, you will learn how OONI's network measurement software (called OONI Probe) works, what data choices you can make, and how you can use the software to measure internet censorship in your country. You will also learn how to contribute to community resources for censorship measurement research, as well as how to dig through OONI's network measurement data. The session facilitators will also share censorship findings from some African countries based on OONI data.

Lesson Plan:

- **3:10pm - 4:10pm (theory):** Introduction to OONI & Case studies from Africa
- **4:10pm - 4:45pm (hands-on):** Participants split into groups & create different country test lists
- **4:45pm - 5:20pm (hands-on):** Participants remain in their groups & dig for "interesting findings" through OONI Explorer

- **5:20pm - 5:30pm:** Each group briefly presents its findings to the rest of the participants

Background materials:

1. *OONI Probe test descriptions* (explaining how each OONI Probe test works), also available here: https://ooni.torproject.org/nettest/

2. *The test list methodology* (contributing URLs for testing), also available here: https://ooni.torproject.org/get-involved/contribute-test-lists/

3. *Censorship measurement platforms* (research paper), also available here: https://arxiv.org/pdf/1606.01979.pdf

4. *Ethiopia research report* (based on OONI data), also available here: https://ooni.torproject.org/post/ethiopia-report/

5. *Zambia research report *(based on OONI data), also available here: https://ooni.torproject.org/post/zambia-election-monitoring/

6. *Uganda research blog post* (based on OONI data), also available here: https://ooni.torproject.org/post/uganda-social-media-blocked/

7. *OONI Data Policy* (i.e. the types of data collected through the use of OONI Probe, and how to opt-out), also available here: https://ooni.torproject.org/about/data-policy/

8. *Potential Risks documentation *(associated to the use of OONI Probe, particularly in "high-risk environments"), also available here: https://ooni.torproject.org/about/risks/

9. *OONI resources *(providing links)

Participants can skim through most of these documents, though they are encouraged to read the "test list methodology" documentation carefully.

We share the above documentation so that participants can gain an idea of (1) what OONI Probe is and how it works, (2) what types of data OONI Probe collects & how users can opt-out, (3) potential risks associated to running OONI Probe, (4) examples of research produced through the analysis of OONI data.

Participants can also learn all about OONI through *Arturo's 30-minute presentation at the 34th Chaos Communication Congress*: https://www.youtube.com/watch?v=MkG3WDFC6Tc

For those interested in analyzing OONI data, they can refer to *OONI's API documentation*: https://api.ooni.io/api/

For those interested in further reading, multiple *research papers on internet censorship* are available here: https://censorbib.nymity.ch/

DAY 4: Introduction to Social Network Analysis & Webscraping

Thursday, March 1

9.00 – 12:45 PM: Practicum 7: Introduction to Social Network Analysis & Data Scraping

Richard Ngamita, *Medic*

Ghislaine Lewis, *Lynchburg College*

This session gives an introduction to Social Network Analysis (SNA) with a focus on how it is used to analyze social media networks. We will look at data collection techniques and how SNA has been used in the African context. We will also consider how the visualizations derived from SNA can be used to communicate with your intended audience. Finally with will do a hands on session on the mapping of network stakeholders using SNA can be used to answer your research questions.

Lesson Plan

9:00- 10:00: SNA Introduction
- What is SNA?
- How do we apply SNA to your research questions?
- What accessible tools can we use for SNA?
- SNA and Data Visualization
- SNA in the African context?

10:00-11:00: Hands-on Activity
- Data Collection Demonstration using Netlytic
- Thinking through network stakeholders using your research questions.

11:00-12:00: Data Scraping Introduction
- What is Data Scraping?
- How do we apply it to your research questions?
- What accessible tools can we use for Data Scraping?
- What is the impact I the African context?

12:00-12:45: Brief Demo: Data Scraping on Facebook or Twitter

Background materials:

Please review these tutorials and resources beforehand, especially focusing on Gephi, OpenRefine, and Netlytic Social Network Analysis:
- Netlytic is a cloud-based text and social network analyzer. Participants need to create an account on the website before the course. Netlytic can be accessed at: https://netlytic.org/
- OpenRefine (ver 2.8)is a standalone open-source desktop application for data cleanup and transformation to other formats (data wrangling), available at: http://openrefine.org/download.html
- Gephi (ver 9.2) is an open-source network analysis and visualization software package. It is available at: https://gephi.github.io/users/download/

Tutorials/Resources for further learning: Please review these tutorials and resources beforehand, especially focusing on Gephi, OpenRefine, and Netlytic

- ***Social Network Analysis:***
  - MOOC:
    - [Social Network Analysis by Lada Adamic, University of Michigan on Coursera](#)
    - [Networked Life by MichealKaerns, University of Pennsylvania on Coursera](#)
  - Book:
    - a. (Part I of) [Networks, Crowds, and Markets:Reasoning About a Highly Connected World](#) by David Easley and Jon Kleinberg (available for free)
  - Book:
    - [Mining the Social Web](#), 2nd Edition by Matthew A. Russell
- ***OpenRefine:***
  - Tutorials: [on GitHub](#)
  - Book:
    - [Using OpenRefine](#) by Ruben Verborgh and Max De Wilde
- ***Gephi:***
  - Tutorials
    - [on YouTube](#)
    - [On Gephi website](#)
  - Book:
    - [Mastering Gephi Network Visualization](#) by Ken Cherven
- ***Netlytic***
  - Tutorial:
    - [Tutorial available on the Netlytic website](#)
- ***NodeXL:***
  1. Tutorial:
     - a. [Teaching Resources](#)
  2. Book:
     - a. [Analyzing Social Media Networks with NodeXL: Insights from a Connected World](#) by Derek Hansen, Ben Shneiderman, Marc Smith
- ***School of data:***
  - Very useful resources are available on [School of Data website](#).

1:30- 2:15: Case Study: Monitoring surveillance and targeted malware

Neil Blazevic, *DefendDefenders*

In this session we will explore the network and user monitoring which takes place through the use of targeted malware. In particular, we will look at how civil society, researchers, industry, and academics should work together to monitor the usage of targeted malware. We will look at the role of researchers and at the computer emergency response ecosystem for civil society.

Background materials:

- This is a good introduction to digital security: https://hackblossom.org/cybersecurity/ 'A DIY Guide to Feminist Cybersecurity' - a good read for anyone.

- https://advocacyassembly.org/en/partners/securityfirst/ has good e-learning courses on digital security.

2:15- 3:00- Case Study: The Kenya ICT Action Network, Multistakeholderism in Research, Policy and Advocacy

Barrack Otieno, *The Kenya ICT Action Network*

The Kenya ICT Action Network (KICTANet) started as a lose network of individuals and institutions interested in ICT policy making in 2005. During that time, the network gave input to the development of Kenya's ICT Policy of 2006. Once the policy was passed, the listserv remained a space for thoughts on various legal and policy changes in Kenya and beyond. KICTANet has now matured into a public participation organization and is often called upon to contribute views to national, regional and global documents. Through this talk we will evaluate the value of this kind of diverse multi-disciplinary stakeholder network in contributing to policy, advocacy, and research. Examples will be given on how conversations have evolved on issues such as net neutrality, access to information, and content controls and how collaboration can lead to research and policy outcomes.

3:10 – 5:30 pm: Group Working Session

This session will provide participants with the time to work in their groups to continue to refine their research questions, to build out potential ways to build the group projects and incorporate the methods learned thus far throughout the course. Groups should use this session to shape their 10-15 minute presentation for Saturday afternoon that provides an overview of the group's work over the past four days, including descriptions of research question(s), the research plan that has been developed for the project, potential challenges for the project, ways in which this research could be used within current advocacy campaigns, the strategic audiences for this research, and ways in which this research would be presented to various stakeholder audiences.

DAY 5: Translating Research for Impact

Friday, April 14

9:00 – 11:15 am: Practicum 8: Strategic Communication, Visuals, and Using Research for Advocacy

Bronwen Robertson, *Small Media*

Neema Iyer, *Pollicy*

NGOs and civil society actors are no stranger to research. In fact, it's often the bread and butter of their existence. But this wealth of insight often gets buried in dense annual reports, maybe a chart or two is thrown in for good measure. Researchers often get so deeply embedded in a topic, that it's difficult to take that crucial step back to compose an effective advocacy message from their findings. If you've ever wanted to tell a story with data, but didn't quite know where to start, then this session's designed just for you. We'll introduce you to some inspiring data driven campaigns from DATA4CHAN.GE East Africa, a collaboration between Small Media, DefendDefenders, and passionate NGOs from Tanzania, Uganda, and Kenya. Then you'll break into small teams to design a strategy for your own campaign. You'll be given a dataset and a brief, and we'll walk you through creating user personas (so you can understand how to target your messages effectively), and teach you how to use a free online tool to create rapid prototypes of data visualizations (so you can test your research questions).

By the end of this session, participants will be able to:

- Create a user persona and understand how to use this for targeting strategic communication more effectively
- Review data visualizations with a critical eye
- Use a free online tool to create rapid prototypes of a data visualization
- Create a shareable asset with a strong message

Lesson Plan

- 9:00-9:15 am: Introduction
  - Introduce the DATA4CHAN.GE model
  - Show diverse case studies from D4C workshops (Kampala and Beirut)
- 9:15-9:30: Crash Course on Data Viz for Advocacy
  - Interactive quiz using Kahoot.com critiquing examples of data viz
  - Guided discussion about what works / what doesn't work
  - Critiquing and discussing examples of strategic communication
- 9:30-10:00: User Personas & Messaging

- In small groups of 3, create a user persona with guidance from trainers
- Using a dataset provided, sketch ideas for data viz
- 10:00-11:15: Create
  - In small groups use dataset and brief to rapid prototype a dataviz using RAW
  - Export results and create shareable asset using the meme generator

Background Materials

- https://www.usability.gov/how-to-and-tools/methods/personas.html
- https://www.newtactics.org/conversation/use-data-visualization-human-rights-advocacy (including linked material)
- http://rawgraphs.io/learning/introduction-to-rawgraphs/ (video)
- https://advocacyassembly.org/en/courses/10/#/chapter/1/lesson/1 online course

11:15- 12:00: Case Study: Conducting Research that Influences Policy

Jeff Wokulira Ssebaggala, *Unwanted Witness*

The important question here is not how to do research but rather how to approach your research when you have a specific policy goal in mind. The session will review how to define your policy goals clearly, define your audience, how this audience will best be reached, and then researching and releasing your results with those considerations in mind. This session will draw on the experience of Unwanted Witness, using research within media campaigns, strategic litigation, and lobbying. This presentation will describe how research fits into each of these advocacy strategies and how to choose the advocacy strategy to match each issue you are working on.

Background materials:

- Human Rights Defenders Surveillance Perception Report in Uganda. Unwanted Witness, 2016: https://unwantedwitness.or.ug/download/Preliminary-Human-Rights-Defenders%25E2%2580%2599-Surveillance-perception-Report-in-Uganda-2016-1.pdf

12:00- 12:45: Case Study: Cybercrime, Digital Rights, and Law Enforcement in Nigeria

Tope Ogundipe, *Paradigm Initiative*

This session will explore how to use strategic communications to have influence on various groups, especially ones typically not considered critical to policymaking conversations or advocacy efforts. We will explore case studies of policy consultations Paradigm Initiative has held with law enforcement agencies, who play a critical role in determining the status of rights and freedoms and the ways of framing messages to present digitals rights as human rights.

Background materials:

- "Ministry of Justice and Paradigm Initative Host Law Enforcement Agencies at a Digital Rights and Cybercrimes Workshop": http://dotunroy.com/2017/06/08/ministry-of-justice-and-paradigm-initiative-hosted-law-enforcement-agencies-at-a-digital-rights-and-cybercrimes-workshop/

1:30- 4:00 pm: "Deeper Dive" Practicums (choose one)

For this session, you choose one of the topics below to spend a bit more time working intensively on these issues. You will be asked to sign up for one of the five sessions listed below the day before:

1. Social Networking Analysis & Webscraping Deep Dive

Richard Ngamita, Medic
Ghislaine Lewis, Lynchburg College

The hands on or deep dive session is a continuation of the introductions to web / data scraping topics. Here we shall be practically delving into different techniques for web / data scraping and how they can be useful for their research. These will be practical hands on sessions in tutorial formats where attendants will follow a step by step guide with the trainer.

Pre-requisites: A Microsoft Windows, Mac OS x or Linux Machine pre-installed with the open source softwares shared on a flash or thumb drive. A step by step guide on installation shall also be shared a day prior to this session.

Lesson Plan

- o 1:30-2:15: Activity 1: Extracting data from the Web
  - ▪ We shall go through using Portia tool on how to scrap and extract data from HTML based websites.
- o *2:15-3:00: Activity 2: Extracting Data from PDFs*
  - ▪ We shall go through practical example using tabula tool extracting data from when the format of the content is either text or tabular.
- o 3:00-3:30: Activity 3: Extracting Data from Social Networks (Twitter and Facebook)
  - ▪ This will be a little technical session where i'll only do a demo of already written or created scripts to perform the scraping of datasets from any of the 2 social networks. We shall dive into using rvest for R and beautifulsoup for Python Programming languages.

- o   3:30-4:00: Q&A
  - ▪   Here users can ask questions related to web/data scraping topics we would have covered above.

2. Network Measurement Deep Dive

Arturo Filasto, Open Observatory of Network Interference

During this hands-on session we will provide a more in-depth overview of the types of research questions that can be answered through OONI data. Through practical examples, you will learn how to download and analyse OONI network measurement data pertaining to various network tests.

Pre-requisites: Please bring a laptop to this session and have a spreadsheet (or other data analysis tools of your choice) installed on your computer.

Lesson Plan

- o   1:30- 2:00: Overview and Explanation
- o   2:00-4:00: Hands on:
  - ▪   Downloading Measurement Data
  - ▪   Various Tests
  - ▪   Analysis

3. Focus Groups & Interviews Deep Dive

Christopher Ali*, Department of Media Studies, University of Virginia*

John Remensperger*, Annenberg School for Communication, University of Pennsylvania*

This session offers a deep dive into the dynamics of elite interviews (interviewing those with more power than the researcher) and focus groups (which can minimize power imbalances between researcher and subjects). Participants will learn the types of research questions best answered by each of these methods. We will discuss issues of access and recruitment of participants, including how to determine the ideal composition and size of a focus group. We will put together an interview protocol (list of questions) and stimulus materials, trouble shoot word choices and phrasing, and then conduct mock interviews and a focus group, going through a number of different scenarios. The goal will be to develop a tool kit so you can employ these methods in your own research projects. Tactics will be discussed that you can use to get through different situations, keeping in mind time restrictions and power dynamics. Some scenarios we will encounter include the difficult respondent, the elusive respondent, and the talkative respondent.

Lesson Plan:

- •   1:30 – 2:30 (Introduction / Power / Research Questions / Subjects)
- •   2:30 – 3:00 (Mock Interview)

- 3:00-3:30 (Focus Group)
- 3:30-4:00 (Focus Group Wrap-up / Analysis)

4. Data Visualization, Campaign Development and the UPR

Bronwen Robertson, *Small Media*
Neema Iyer, *Pollicy*

In this deep dive session, team members from DATA4CHAN.GE, Small Media, and DefendDefenders will be on hand to support individuals and small groups with investigating and designing campaigns based around the UPR and internet freedom. The format of the session will be flexible, and can be adjusted depending on the desires and needs of the participants who take part in the session.

By the end of this session, participants will be able to:

- Expand and evolve user personas to inform strategic approach
- Explore the UPRInfo database and create advanced queries to export custom datasets
- Design an advocacy strategy for a case study on Internet Freedom at the UPR

Suggested Reading/Materials

- Infogram Tutorial: https://infogram.com/tutorial/getting-started/video-how-to-use-infogram/
- UPR Info's Database of recommendations and VP Comprehensive help guide: https://www.upr-info.org/database/files/Database_Help_Guide.pdf
- Developing Smart Goals and Successful Strategies: https://advocacyassembly.org/en/courses/25/#/chapter/1/lesson/1 (online course)

Lesson Plan

- 1:30- 1:45: Introduction:
  - Quick introduction to session objective
  - One walkthrough example incl. creating and exporting data from UPRInfo and defining a research question and strategy
- 1:45-2:45: Group formation and 'campaign' planning
  - Forming small groups
  - Exploring UPRInfo data to find possible topics for 'campaigns'
  - Defining and documenting concept and strategic objectives, identifying stakeholders
  - **Extend:** If time, create a user persona
- 2:45-3:30: Data Visualization
  - Participants can use free online tools (RAW, Infogr.am) to create data visualisations and infographics with support from session leaders
- 3:30-4:00: Present and Review
  - Each group presents their strategic objective, concept and sketch/visual output with review and feedback from session leaders and other participants

5. Digital Security for Internet Research Projects

Neil Blazevic, *DefendDefenders*

Internet research may involve collecting or exposing sensitive information, compromising researchers or support actors, may alert hostile actors, and can even be interpreted as being illegal in some jurisdiction. In this session we will make a quick review of digital security challenges and strategies then review proposed team projects for potential digital security threats and weaknesses and suggest threat mitigation approaches.

Lesson Plan

- 1:30-2:30: Overview of digital security threats and strategies
- 2:30-3:15: Groups assess their own projects for digital security implications and weaknesses.
- 3:15-4:00: Groups present their projects to a 'red team' which will further look for weaknesses and suggest mitigating strategies.

4:00 – 5:30 pm: **Group work**

During this last hour and a half of the day, we ask you to reconvene with your groups to discuss the additional things you learned during the deeper dive sessions and to finalize your presentations for tomorrow.

7:00 pm onwards: **Dinner Celebration** (location TBD)

DAY 6: Presenting & Funding Collaborative Research

Saturday, March 3

9:00 – 10:30 AM: Discussion on Finding Funding and Building Collaboration for Research

Ashnah Kalemera, *CIPESA*

Laura Schwartz-Henderson, *Internet Policy Observatory*

Adam Lynn, *Open Technology Fund*

Dhanaraj Thakur, *World Wide Web Foundation*

Haley Slafer, *Internews*

During this session, we will engage in an open discussion about finding funding for research, tips for applying for funding, and ways to build collaborative research projects that have impact objectives. We will ask each of you to bring 2-3 ideas for funding sources to build out a comprehensive list.

10:30-12:30: Group Working Session & Lunch

During this open session, groups will work together to prepare final presentations, breaking out for lunch at the end of the session.

12:30-2:30: Final presentations

For the final 2 hours of the program, participants will present their group project proposals to mentors and fellow participants. Please remember, your presentations are 10 minutes and presentations should include:

- Your main research question and sub-questions
- Background of the issue and why it is relevant (the "so what" question)
- A short literature review (provide at least 4 sources and explain their relevance to your project)
- Map the stakeholders (by influence and interest)
- Key policy documents you will review (policy documents, legal documents)
- Methods you will use. This must include both qualitative and quantitative methods
- Challenges
- Impact deliverables and Communication Plan
    - Your impact objectives & links with current advocacy efforts
    - Your audience(s)
        - Your message and communication strategy/format
- You can also include any additional work that you've done that relates to your project, including any analysis of social network or web data, measurement resources, legal sources, or preliminary visualizations. However, these do not need to be included.

2:30-3:00: Group Photos & Certificates

SPEAKER BIOGRAPHIES

Dr. Christopher Ali is an Assistant Professor in the Department of Media Studies at the University of Virginia. He joined the Department in 2013, after completing his PhD at the Annenberg School for Communication at the University of Pennsylvania. His research focuses on communication policy and regulation, localism, local news/local journalism, and critical theory. Christopher has worked for the Federal Communications Commission, submitted research to the Swiss Office of Communication, consulted with the South Korean Committee on the Impact of Media Concentration, and was part of a consortium of researchers, activists, and practitioners intervening at the Canadian Radio-television and Telecommunications Commission regarding community and local media. His book, Media Localism: The Policies of Place (University of Illinois Press, 2017) addresses the difficulties of defining and regulating local media in the 21st century in the United States, United Kingdom, and Canada and the implications these difficulties have for the long-term viability of local news. For 2016-2017 Christopher is a Fellow at the Tow Center for Digital Journalism at Columbia University and a Fellow at the Center for Advanced Research in Global Communication at the University of Pennsylvania.

Catherine Anite is a pro-bono human rights advocate focusing on the promotion and defense of freedom of expression, media rights, and access to information in Uganda and at a regional level. She is currently head of the legal department at the Human Rights Network for Journalists in Uganda, where her responsibilities include defending and representing journalists, analyzing and publicizing laws and policies that impede on freedom of expression, publishing work on media rights, training journalists on professional standards, and spearheading advocacy campaigns to fight for the rights of journalists and media practitioners in Uganda, most especially the rural areas. She was selected by Avocats Sans Frontiers and the East African Law Society in an EU Human Rights Defenders project to constitute a pool of human rights lawyers to defend rights in East Africa and the Great Lakes Region. Catherine holds a bachelor's (hons) degree in Law from Makerere University and a postgraduate diploma in Legal Practice from the Law Development Centre in Kampala. Upon completion of the Washington Fellowship, she plans to continue working towards creating a conducive environment for enjoyment of freedom of expression in Uganda through defending journalists' rights, litigation, advocating for legal and policy reform for media, and training journalists in media law and professional ethics.

Neil Blazevic leads the DefendersTech Program at DefendDefenders, a Uganda-based organisation working to protect and support human rights defenders in East & Horn of Africa. Together with his team he leads efforts to improve digital safety practices of human rights defenders and their organisations, aid activists to have a voice online, and supports electronic documentation of human rights data. Neil is also a blockchain enthusiast, the proprietor of a forest lodge outside of Kampala, the 2017-2018 Vice President Public Relations at Kampala Toastmasters Club, holds a CompTIA Security+ Certification and a MA in International Development Studies. He is an honourary Muganda since 2012. Tweets from @neilblazevic.

Enrico Calandro (Ph.D.) is a research manager at Research ICT Africa, an ICT think tank based in Cape Town. Over the last eight years, Enrico has been exploring the relationship between digital access and development with a focus on digital inequalities. He holds a Ph.D. in Business Administration specialising in telecommunications policy, from the Graduate School of Business, University of Cape Town, and a Master degree in Communications' sciences from the University of Perugia, Italy. Prior to joining Research ICT Africa, he worked as a technical advisor for the ICT programme of the SADC Parliamentary Forum in Namibia, within the UN technical cooperation framework. He also worked for the European Commission, Information Society and Media DG as a trainee after completing his Master's degree. He is a recipient of the Open Technology Fund fellowship on Information controls, the Amy Mahan scholarship award for the advancement of ICT policy in Africa, and the UNDESA fellowship for international cooperation. Since January 2017, he has been leading the Regional Academic Network on IT Policies (RANITP), a network of academic researchers interested in digital transformation research.

Josiah Chavula is a Research Engineer at AFRINIC Ltd where he undertakes Internet measurements research, primarily focusing on Internet performance in Africa, as well as on the impact of ISPs' interconnection, routing strategies and middle-boxes on Internet performance. He holds a PhD in Computer Science from the University of Cape Town, where his research was on Internet performance and traffic engineering in Africa, focusing on National Research and Education Networks (NRENs). He obtained his MSc degree in Networking and Internet Systems from Lancaster University, England, as well as a Bachelor of Science degree in Computer Science from the University of Malawi.

Jessica Dheere is a co-founder and executive director of the Beirut, Lebanon–based non-governmental organization SMEX (smex.org), the Middle East and North Africa's only organization devoted exclusively to digital rights research and policy advocacy. In addition to managing day-to-day operations at SMEX, Jessica also leads research initiatives with a regional scope, including both a recent mapping of Arab-region mobile telecom operators and their public disclosures of terms of service and privacy policies and the Arab Digital Rights Dataset, an open, interoperable database of law and caselaw related to digital rights in Arab states. The database is currently expanding to cover other countries and regions in the global south, including in Africa, Latin America, and Asia. Also a journalist, Jessica has written the only definitive non-governmental history of the Arab IGF for the 2017 edition of GISWatch on national and regional internet governance initiatives. Between 2015 and 2017, she was a member of the Digital Development and Openness working group of the Freedom Online Coalition and in 2014 she was a Kathryn Davis Fellow for Peace. She has a master's degree in media studies from the New School in New York City and a bachelor's degree from Princeton University.

Arturo Filastò is the founder and lead engineer of the Open Observatory of Network Interference (OONI) project, where he develops free software designed to measure various forms of network interference. He previously created GlobaLeaks (the first open source whistle-blowing platform), co-founded the Hermes Centre for Digital Human Rights and served as its Vice President for five years. He also worked on a number of other software projects, including Tor2Web and Atlas. Arturo studied Computer Science and Mathematics at Sapienza University of Rome.

Neema Iyer is the founder and director of *Pollicy*, a civic technology organization based in Kampala, Uganda. Pollicy uses data, design and technology to improve how citizens and government engage around public service delivery. She is also the Project Lead at DefendDefenders for ***DOC-it***, a flagship documentation project, ***Usable***, focused on improving digital security tools and the recently ended ***DATA4CHAN.GE*** program.

She has a Masters in Public Health (Epidemiology) from Emory University and has worked on large-scale mobile and digital projects across Africa as part of TTC Mobile (previously Text to

Change) and Viamo (previously VOTO Mobile). She currently leads the design of a number of projects focused on building data skills, on fostering conversations on data privacy and digital security, and on innovating around policy. Social media handles: @pollicyorg @neemaiyer

Ashnah Kalemera works as a Programme Manager at CIPESA. She coordinates multi-country projects promoting the use of ICT in democratic processes and for citizen participation, including training for citizen journalists, mainstream media and government officials. She holds an MSc in Informatics with a major in Electronic Government (Örebro University, Sweden) and a BSc in Computer and Management Sciences (University of Warwick, United Kingdom), and has work experience from Spain, UK, and various African countries.

Moses Karanja is a PhD student at The University of Toronto, Department of Political Science. He is also a researcher at The Citizen Lab, an interdisciplinary laboratory based at the Munk School of Global Affairs, focusing on research, development, and high-level strategic policy and legal engagement at the intersection of information and communication technologies, human rights, and global security.Moses has researched on information controls in the Eastern and Southern African region focusing on Internet censorship and surveillance using approaches that combine legal, political, and technical methodologies. He has also worked on Intentional Internet connectivity disruptions in the African region and how such incidences relate to political moments like protests and elections.He previously worked at the Centre for Intellectual Property and Information Technology Law (CIPIT), based at Strathmore Law School in Nairobi, Kenya. While there, he led numerous projects, including one to organize easy access to ICT related legal documents (ictpolicy.org) and a public participation platform (jadili.ictpolicy.org) to improve how citizens get involved in policy making in Kenya. Moses has an interest in how technology mediates security and human rights. He published on, developed platforms for, and advocated for a human-centred information society.

Ghislaine L. Lewis is an assistant professor in communication studies at Lynchburg College where she also serves as advisor for the campus newspaper, The Critograph. She completed her Ph.D.in Media and Communication at the University of Canterbury, New Zealand (2014). The title of her dissertation was "Evolving Newspapers & the Shaping of an Extradition- Jamaica on the Cusp of Change". It focused on the political economy of the media and the role of civil society within the framework of online newspapers in the Caribbean and the United States.

Dr. Lewis offers a background in media planning, journalism, institutional research and academics. Her journalistic and academic experiences in in Asia, New Zealand, Australia, the Caribbean and the United States have provided valuable insight into the linkages between new media, global politics and policy. Her current research interests are focused on the role of the media in fostering an active and engaged public sphere. Her most recent project was the OECS Public Education Forum, Vini Koze´.

Adam Lynn is the Research Director at the Open Technology Fund. He has spent nearly a decade involved in policy debates surrounding democracy, technology and free speech. His previous position was as a Legislative Assistant with former Congressman Jay Inslee, where he focused on legislative issues including telecommunication, technology and civil rights. Prior to Congressional work, Adam was the Research Manager at Free Press, where he performed technical and policy research on content discrimination occurring on numerous communication mediums including the Internet. He has co-authored numerous articles that were presented at the International Communications Association and the Telecommunications Policy Research Conferences. Adam graduated magna cum laude from Washington State University, focusing his studies on the relationship between media and democracy.

James Marchant is the Research Manager at Small Media, a London-based non-profit working to support freedom of expression online. Since 2013, James has worked to produce data-driven, impact-minded research spanning a range of internet freedom challenges in closed societies around the world.His past work has focused on issues ranging from the digital security threats facing East African civil society organisations, to the online lives of LGBT people in closed societies, to the development of Iran's 'National Internet'. In his spare time, he works on curating his extensive database of animal .gifs.

Jonathan McCully is the Senior Legal Officer at the Media Legal Defence Initiative, an international non-governmental organisation that provides legal support and helps defend the rights of journalists, bloggers and independent media across the world. He has worked on free speech cases before the European Court of Human Rights, the African Commission on Human and Peoples' Rights, the ECOWAS Community Court of Justice, and the UN Working Group on Arbitrary Detention. He has also worked on cases before domestic courts in several jurisdictions, including Uganda, Colombia, Singapore and Canada. He has trained lawyers from East and Southern Africa on freedom of expression and media law, and is a supervisor at the University of Edinburgh Freedom of Expression Law Clinic. Jonathan has a Bachelor of Laws from Trinity College Dublin, and a Masters of Laws in Information Technology, Media and Communications Law from the London School of Economics and Political Science. He has a particular interest in media law matters; and has published widely on freedom of expression, privacy, open justice, human rights and intellectual property. His articles have been published by the International Forum for Responsible Media (Inforrm's) Blog, the Media Law Resource Centre, and the Harvard Cyberlaw Clinic Blog. He is also an Editor at Columbia Global Freedom of Expression.

Richard Ngamita is a Senior Tech Lead at Medic working closely with the Analytics and Support team. Prior to that, he worked for Google in Dublin, Ireland as a data engineer on the spam team. He is the founder of the Kampala R usergroup and holds a degree in Computer science from Makerere University.

James Nkuubi is a social justice activist at heart (*but had to go through law school to appear sophisticated and attain a 'legal profession')*. He previously worked at the pioneer human rights scholarship entity in Uganda, the Human Rights and 'Peace' Center, Law School, Makerere University as Associate Researcher (*even if at the time the university was not entirely 'peaceful' because of the students' strikes*). He is currently serving at Human Rights Network-Uganda as a Coordinator of Regional and International Human Rights and Justice programme where he leads a team that crafts, directs and executes CSO human rights advocacy initiatives at the African Union, East African Court and United Nations human rights mechanisms. He also coordinates the over 300 NGOs membership Forum on Universal Peer Review Mechanism of Human Rights in Uganda which monitors state implementation of UPR Human Rights Council recommendations on human rights protection. Through-out his 8 years in human rights work so far (*he not so old by the way*), James has prioritized and advocated for the values of social justice and exaltation of the dignity, inherent free will and sacredness of humanity at both national and international human rights forums. It is for this reason that he joined in the formation of the Network for Public Interest Lawyers (NETPIL), a Forum dedicated to upholding the rule of law and constitutionalism, where he sits on the Civil and Political Rights Working Group.). In addition to his extensive experience in human rights, rule of law and constitutionalism advocacy work, James also guest lectures at the Public Interest Law Clinic, School of Law, Makerere University (*not to irritate his 'hosts' he talks for strictly 4 hours and not more*). James has previously been hosted as a visiting expert on UN human rights mechanisms-specially the UPR processes at the same University for the Master in Human Rights Class (*the invite him had the word 'expert' so he adopted it. Why not!).*
James holds a Masters' Degree in human rights and democratization in Africa from the high towering Centre for Human Rights, University of Pretoria. He holds a Bachelor of Laws Degree (*he still wonders why it's called LLB and not BLD*) from Makerere University.

Tope Ogundipe is Director of Programs, Africa at Paradigm Initiative; a social enterprise that runs digital inclusion and digital rights programs in order to improve livelihoods. Apart from supporting the development and implementation of strategy for Paradigm Initiative's growth, design and implementation of programs, she also works with the World Wide Web Foundation to advocate women's rights online in Nigeria through a research and policy advocacy project aimed at mainstreaming gender in national ICT policies. She has held consultations with policy makers on gender responsive ICT policy, and as well as with women's rights groups and women from local communities to get their inputs on national ICT/broadband strategies. She also has experience working with think-tanks on internet policy advisory. Tope always looks forward to working with relevant stakeholders to provide direction and engage policy activities that can lead to concrete policy change in internet and technology for empowering people and communities in Africa.

Tom Ormson is a researcher at Small Media, a London-based non-profit. Since joining in 2017 he has focused on a number of data-driven topics ranging from social media use during the Iranian Presidential elections, to the digital security landscape of CSOs in East Africa, and open data projects shining a light on the environment in Iran. He has a Masters in Global Security from Sheffield University, and alongside talking about how amazing dogs are, Tom likes to be in the outdoors, where he has a true knack for falling down mountains with the pretence of being able to ski.

Mr. Barrack Otieno is a Trustee of the Kenya ICT Action Network. He is a Management Information Systems graduate of the Multi Media University of Kenya. Mr. Otieno served at the United Nations Secretariat of the Internet Governance Forum in Geneva, Switzerland as a Fellow as well as a consultant between the years 2010 and 2011 and was involved in the preparation of the fifth and sixth Internet governance fora in Vilnius Lithuania and Nairobi Kenya respectively. He was also a Commonwealth Fellow to the fourth Internet Governance Forum in Sharm El Sheikh Egypt in 2009. In addition he has also been part of the organizing teams of the Kenya, East African and Africa Internet governance fora for the last ten years. Mr. Otieno serves as the General Manager of Africa Top Level Domains Organization www.aftld.org, the regional association of Country Code Top Level Domain Registries. He was the founding president of the Internet Society Kenya Chapter, former secretariat of Africa Regional At Large Organization (www.afralo.org) the voice of Internet users from the African continent within the Internet Corporation for Assigned Names and Numbers. He is involved in local, regional and international standards development for the International Standards Organization (ISO 27000 series on Information Security Management) through the Kenya Bureau of Standards Technical Committee on IT Security which he chairs as a representative of the Computer Society of Kenya.
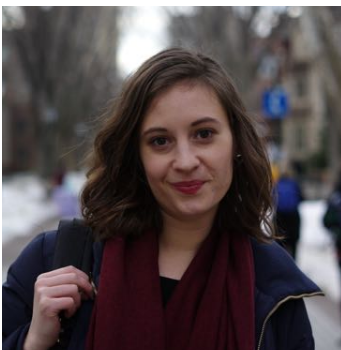

Bronwen Robertson is the Director of Research and Innovation at Small Media, a non-profit based in London. She is the co-founder of DATA4CHAN.GE, which supports civil society organisations and human rights activists to develop and launch data driven advocacy campaigns. Technology is a core component of both her research and storytelling work and she loves building web scrapers, scouring the internet for data, and experimenting with creative ways of displaying the results. Bronwen is a classically trained violinist, who speaks fluent Persian and loves playing board games in her free time.

John Remensperger is a Ph.D. student at the University of Pennsylvania Annenberg School for Communication. He researches how political organizations, including political parties, interest groups, and advocacy organizations, use technology to organize their members, foster citizen engagement, and educate citizens to achieve policy change. In particular, he looks at how intra-organizational dynamics impact, and are impacted by, the adoption of new technologies. Most recently, John conducted research on the use of technology by Bernie Sanders delegates at the 2016 Democratic National Convention. Previously, John worked in organizing and data management for political campaigns and administered municipal programs. He served as a field data manager for the American Federation of State, County, and Municipal Employees (AFSCME) and as a field organizer for Senator Al Franken's 2014 campaign.

Julianne Sansa-Otim is currently based at Makerere University College of Computing and Information Sciences and is working on research projects with colleagues and students from Uganda, Kenya, Tanzania, South Sudan, Rwanda, South Africa, Sweden and Norway. She has undertaken some multi-disciplinary studies with colleagues from the Health, Meteorology, Agriculture and Electrical Engineering disciplines. Her research team has won research grants from both the Norwegian and Swedish Development agencies. She has published widely in international peer reviewed journals and conferences. Julianne received a PhD in Communications Networks from the University of Groningen, the Netherlands, after studying "Internet High-speed Data Transport Protocols". Prior to that she had completed a MSc. in Computer Science and a BSc. in Computer Science and Mathematics from Makerere University. Her current research interests are ICT4Development, Internet-of-things for developing regions, Communications Network Protocol Design, telecommunication policies analysis, Quality of Service, Quality of Experience, Wireless Networks and Systems Security.

Laura Schwartz-Henderson manages the Internet Policy Observatory at the Annenberg School for Communications at the University of Pennsylvania. Through the IPO, she works with a diverse group of researchers, activists, lawyers, and policymakers to produce innovative and impactful internet policy research and create trainings and in-person events meant to build research capacities and facilitate collaboration between academics and activists. Her research interests are related to the mechanisms through which technology mediates civic engagement and activism in diverse political systems. She received her Master's degree in public administration from the University of Pennsylvania and her Bachelor's degree in International Development and Culture from McGill University.

Haley Slafer is the Program Manager of Global Technology Programs at Internews, and based in Washington, DC. Haley works across Internews' Global Technology diverse portfolio, building and managing programs that focus on building the capacity of local internet policy advocates; supporting women and girls to train their communities on digital hygiene; and creating opportunities to help technologists and advocates to collaborate and engage with each other, among others. Haley has worked on internet freedom and technology programming for 5+ years, and has worked in international media and development for 10+ years, specializing in media and freedom of expression in MENA and Sub-Saharan Africa. She received her B.A. in International Communication from the American University's School of International Service.

Dhanaraj Thakur is Senior Research Manager at the Alliance for Affordable Internet, an initiative of the World Wide Web Foundation. He has been designing and leading research projects on telecommunications policy and regulation, gender and ICTs, and the socio-economic impacts of ICTs in low and middle income countries for the last ten years. He has also published over 30 journal articles, book chapters, and reports including 16 peer reviewed papers on these topics. Dhanaraj previously held faculty positions at Tennessee State University (Nashville, USA) and the University of the West Indies (Mona, Jamaica). Prior to that he worked in the area of community development with the government of Jamaica. He has also completed consultancy assignments for the the World Bank, IMF, the Inter-American Development Bank, and several governments and NGOs. He holds a PhD in Public Policy from the Georgia Institute of Technology (USA), and is a graduate of the London School of Economics and the University of West Indies (Mona, Jamaica). He was previously a Fulbright Scholar and a Junior Research Fellow in the Institute for Gender and Development Studies (UWI, Jamaica).

Dr. Wakabi Wairagala is the Executive Director of CIPESA and has extensive experience in integrating ICT in communications and development work. Wakabi holds a PhD in Informatics with a specialization in e-Government from Örebro University, Sweden, an MSc in Informatics (Örebro University, Sweden) and an M.A in Media Studies (Rhodes University, South Africa). He has worked with CIPESA since 2006 and has also been involved in various collaborative researches with African, Asian and North American think tanks and NGOs

Mr. Wokulira Geoffrey Ssebaggala (Uganda) is a journalist by profession. He has co-founded and served in different entities served as a leader namely; in January 2009 to July 2013, he served as national coordinator for the Human Rights Network for Journalists in Uganda (HRNJ-Uganda), a network that promotes and defends press freedom; before, Mr. Ssebaggala worked as a radio journalist for eight years, but lost his radio job in 2008 under duress and pressure from government. He fled Uganda in September, 2008 after escaping attempted kidnappings. Upon his return to Uganda in 2009, he joined HRNJ-Uganda. Before his retirement at Human Rights Network for Journalists-Uganda, Mr. Ssebaggala was awarded the European Union Human Rights Defender of the Year, in May 2013.In August 2013 to May 2017, he co-founded the Unwanted Witness and served as a Chief Executive Officer. The Unwanted Witness promotes and defends digital rights and internet freedom in Uganda. The organization has spear-headed different campaigns including the campaign to enact the Data Protection and Privacy Bill.In July 2017 to date, Mr. Ssebaggala co-founded and leads Witnessradio.org a non-governmental organization that uses research and investigations to promote and protect universal human rights of the poor and marginalized groups in Uganda.

Maria Xynou works with the Open Observatory of Network Interference(OONI) where she manages partnerships and community research on internet censorship around the world. Previously, she worked with the Tactical Technology Collective where she investigated the data industry, created digital security resources, and facilitated digital security workshops for human rights defenders. She also worked with India's Centre for Internet and Society where she investigated surveillance schemes and technologies, and interned with Privacy International. Maria holds a MSc in Security Studies from the University College London (UCL)

PARTICIPANT BIOGRAPHIES

Asha D. Abinallah works as the Head of Operations and Project Management/Coordination at Jamii Media Company. She is working at the intersection of innovation, technology and entrepreneurship. She is a startup innovator, trainer, mentor and consultant with over seven years experience of Internet Entrepreneurship and Netizen engagement and use. She has coordinated and conducted several researches in Internet Freedom and Good Governance. Ms Abinallah is also a published writer.

Felicia Anthonio is a Programme Officer at the Media Foundation for West Africa (MFWA) assigned to coordinate activities of the African Freedom of Expression Exchange (AFEX), a continental network of some of the 13 most prominent freedoms of expression and media rights groups in Africa. She coordinates the network's campaigns and advocacy around key free expression issues, access to information, digital rights as well as media law and policy with a special focus on the reform of media laws that are inimical to the exercise or enjoyment of freedom of expression, both offline and online, across Africa. She is passionate about freedom of expression and digital rights issues and has served as a speaker/panelist on a wide range of topics relating to freedom of expression rights and gender issues at regional and/or International conferences. Ms Anthonio holds a Master's degree in Languages and International Affairs from l'Université d'Orléans in France and speaks and writes English and French as well as a number of Ghanaian languages proficiently. She is also passionate passionate about promoting human rights in Africa with key interest in women empowerment and gender-equality.

Victor Asante is a Senior Research, Monitoring and Evaluation Manager at the Universal Access Fund (GIFEC) in Ghana. He oversees research activities with the aim of identifying specific needs of unserved communities relating to ICT. He holds a Masters Degree in Development Studies and Bachelor of Arts Degree in Political Science from the University of Ghana. Additionally, He is a Diploma holder in Communication Studies from the Ghana Institute of Journalism. In line with career development, he has had capacity building in Monitoring and Evaluation and Project Management. His experience in the ICT industry spans decade during which time he has co-ordinated the first household study of the Digital Divide situation in Ghana, 2013,

Ms. H. Susan Atim, is a graduate with a BA in Social Sciences (Major in International Relations) & Post Graduate Diploma in Community Development. She is a Program Assistant for the Information Sharing and Networking Program at Women of Uganda Network (WOUGNET) and has great interest in technology, especially in how it can be used to address societal issues. Ms. Atim is also interested in how communities and nations relate in various spaces and in particular how women are included in them. She is also keen on exploring how women and women rights advocates can maximize on opportunities that can tool and equip them to aid their various roles including those as informants and change agents.

A great part of Ms. Atim's work includes; information dissemination and policy advocacy that extends to analysis of national laws and policies which govern the ICT sector including the internet, and how these may affect and can benefit women. She is currently, part of the WOUGNET team working on two major projects both in their second phase and which seek to engage policy makers in policy and law review intended activities.

Nonhlanhla Chanza is currently employed as a Parliamentary Liaison Officer by the Law Society of South Africa. Prior to joining the LSSA in 2012 she worked as a Political Researcher with particular focus on parliamentary advocacy for the then Institute of Democracy in South Africa (Idasa). She has years of research and advocacy experience on parliamentary democracy, democratic governance and the strengthening of democratic institutions. She is also an activist and involved on a voluntary basis in policy and advocacy initiatives around Access to Information Laws, Internet Freedom, Surveillance and Privacy Laws, and recently Internet Governance. She is also an alumnus of the African School of Internet governance and has particular interest on Women's Rights, Gender and Internet Governance and Feminist Principles of the Internet. She holds a Social Science Masters Degree in Political Science from the University of Kwazulu-Natal.

Rejoice Chikutye is an Information Technology specialist, with extensive experience in Computer Science and works for Lupane State University for the past nine years. A holder of Masters Degree qualification from the National University of Science and Technology (Zimbabwe). A member of the Internet Society - Zimbabwean Chapter , Afchix - Zimbabwean Chapter, Computer Society of Zimbabwe. A member of the steering committee Girls in ICT - Southern Zimbabwe.

Kgopotso Ditshego Magoro (Kgošikgadi Zuri Wa Aluta) holds a Masters of Management degree in the field of ICT Policy and Regulation (MMICTPR) from Witwatersrand University. She is currently a PhD candidate in the field of Interdisciplinary digital knowledge economy at Wits. Zuri Wa Aluta sees herself as an agent of change in the digital knowledge economy ecosystem. She believes in the power of technology as an enabler for socio-economic change but she is totally against the myopic diffusion of technology and the ticking of check boxes as a measure of success. Her intellectual scholarly ambitions are to develop an African inspired digital transformation model that contributes to the participation of rural communities in the digital knowledge economy by exploring benefits in the broadband values chai. She is the founder of Zuri Brands http://www.zuri-brands.com/ an online store that aims to bridge the gap between the connected and disconnected entrepreneurs and Broadband Matters (https://broadbandmatters.co.za) an independent online platform created to capture tales from the connected and the disconnected.

Kola Egbeyemi works with a leading Telecom Operator in Nigeria providing broadband internet and leased line connectivity services within and outside Nigeria. He holds an MSc in Telecommunication Technology (Aston University Birmingham UK) and B.Eng in Electrical/Electronics engineering (Federal University of Agriculture Abeokuta). Kola`s work experience in ISP, Telecoms spans various technologies like VSAT, fiber, microwave etc.He is currently interested in ideas and policies to help drive internet affordability, broadband penetration and net neutrality in Africa. He enjoys travelling and reading in his spare time.

Louis Gitinywa is Rwandan young Lawyer, having joined the Rwanda Bar Association in 2011, he work at Lawyers of Hope (Rwanda Chapter) as a legal and litigation officer, where he has been involved in many cases related to freedom of expression, Media law and digital rights before domestic courts in Rwanda.Louis is an East African affiliate at Media Legal Initiative (a UK based Non Governmental organization which trained lawyers to advance digital rights through strategic litigation and provide support and legal assistance to journalists, bloggers and independent Media), where he was a 2016 Fellow. Louis has a bachelor degree in Law from Kigali Independent University and Postgraduate Diploma in Legal Practice from the Institute of legal Practice and development (ILPD), he is actually a LLM candidate at the University of Dar es Salaam, School of Law (UDSM SoL) in Dar es Salaam, Tanzania.

He has a particular interest in Media law matters and digital rights in East Africa.

Kuda Hove is a practising lawyer and Internet policy researcher based in Zimbabwe. His research interests focus on the effects that Internet policies have on fundamental rights, especially the right to Privacy. His current research project examines the nature and extent to which children's right to online privacy is promoted and protected in developing countries such as Zimbabwe.
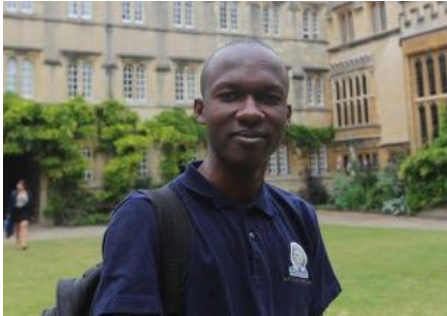
Jimmy Kainja is a lecturer in media, communication and cultural studies at Chancellor College, University of Malawi. His main areas of interest are new media and new technologies, journalism and freedom of expression. Before joining University of Malawi, Kainja taught media studies and sociology at London Metropolitan University. Kainja holds Master by Research (MRes) Media and Communication; and Bachelor of Social Science (BSc) in Media Studies, both from London Metropolitan University. Kainja is also a current affairs writer and blogger and a member of Africa Blogging, which he co-edits. Kainja has written for various international media organisations including BBC, The Guardian, New African and his blogs are often republished by the local media. He has contributed to various international policy and research papers such CIPESE's State of Internet Freedom, 2017 and Office of the High Commissioner for Human Rights (OHCHR) Regional Consultations on on Draft Guidelines on the Effective Implementation of the Right to Participate in Public Affairs.

Chipo Kaitisha is a Law Enforcement Officer working under the Public Relations Department of the Zambia Police Service. During her 17 years working experience, she has worked under various departments and her passion for humanity, Chipo has extensively dealt with Gender Based Violence cases and undertook a lot of capacity building programmes to help enlighten the women on the need to report cases when they are abused. Chipo holds a Bachelor of Arts in Education from the University of Zambia"

Demba Kandeh is a lecturer at the School of Journalism & Digital Media, University of The Gambia. He is a graduate of the Erasmus Mundus Master in Journalism, Media and Globalisation at Aarhus University in Denmark and University of Amsterdam, the Netherlands. He has about a decade experience in journalism and media and has written extensively about politics, human rights, internet freedom, and social media, among others. Demba is The Gambia analyst and regular contributor to the global annual Freedom on the Net report published by Freedom House.

Ephraim Percy Kenyanito leads ARTICLE 19 Eastern Africa digital right's work and has worked over the past 5 years in the African ICT/ IP & Media Law industry researching its nexus with International Development. He is a member of the UN Secretary General's Multi-Stakeholder Advisory Group on Internet Governance; the European Commission Global Internet Policy Observatory's (GIPO) Advisory Group and the Advisory Group for Code Red. Previously, Ephraim worked on democratic governance, international development and transparency with a diverse range of organizations including the Freedom Online Coalition's Digital Development and Openness Working Group, Access Now, Transparency International, Index On Censorship, MercyCorps and the Centre for Law and Research International, as well as the East African Community Secretariat and the Kenyan Ministry of Foreign Affairs & International Trade. He also served as an Independent Expert of the Implementation Advisory Group for Competition, Consumer Trust and Consumer Choice (IAG-CCT) at ICANN among other roles. He holds an LLB (with Honours). His LL.B thesis examined the Relationship Between Domain Names and Geographical Indications with a special focus on .wine and .vin applications.

Angela Minayo Kidiavai is a finalist fourth year student at Moi University School of Law Eldoret, Kenya. Angela started being involved in Internet governance issues after representing Moi University in the International rounds of the Price Media Moot Court Competition, 2017 held at the Oxford University. She has also participated in the All Africa Human and Peoples' Rights Moot Court Competition in October 2016, in Pretoria South Africa. She was awarded the Google Policy Fellowship in September 2017 and currently works as a policy fellow at at ARTICLE 19 Eastern Africa. She has also attended the African School of Internet Governance, 2017 edition which was held in Sharm el Sheikh, Egypt from 28 November 2017 to 2 December 2017. Angela has also attended the 2017 6th African Internet Governance Forum as well as the Global Internet Governance Forum in Geneva Switzerland. Angela's interests in internet governance focuses on the role of technology companies and their human rights obligation to users, internet access to rural areas in Africa and the way the internet has disrupted national and international law. She hopes that knowledge gained during the Workshop will enable her to influence evidence-based internet law and policy in the African continent.

Temitope Lawal is a Senior Officer in the Legal and Regulatory Services Department of the Nigerian Communications Commission, the country's independent regulator of Communication Services. Prior to this, he worked as an Associate in Banwo &Ighodalo, one of Nigeria's largest law firms. He holds a Masters Degree in Computer and Communications Law from the prestigious Queen Mary, University of London and is an Alumnus of the Annenberg-Oxford Media Policy Summer Institute. His areas of interest include telecommunications, internet regulation, new media technologies, and online privacy.

Frederico Links is a Namibian journalist, editor and researcher. He has been a research associate with Namibia's leading think-tank, the Institute for Public Policy Research, since 2009. In his research he has focused on democracy and elections, party political finance, empowerment policies, internet governance, and public procurement. He has previously worked as a journalist for a range of Namibian newspapers and is a former editor of Insight Namibia magazine. He is the current chairperson of the ACTION Coalition, which campaigns for greater access to information in Namibia. He is also the chairperson of the Namibia Internet Governance Forum and a board member of the Internet Society (ISOC) Namibia chapter.

Wairimu Macharia is a Nufic Fellow, a Young Diplomats Fellow and a Data4Change alumnus. She is an experienced digital professional with a track record of successfully leading digital strategy and complex projects for various clients including a Professional Services Firm, a Government body and SMEs. Currently, she oversees management of all digital properties including content for the Afrobarometer network across Africa. She has great interest in issues pertaining to internet freedom, internet governance and net neutrality and has been instrumental in communicating citizen's perceptions in Africa on a number of issues ranging from governance, democracy, human rights, economy and media freedom among others. She enjoys travelling and makes it her mission to do so intrepidly by visiting at least 3 new countries every year!

Priscilla Maliwichi is from Malawi, working as a Lecturer in Information Technology and former Head of Computer Science and Information Technology at Malawi University of Science and Technology. She is currently a PhD student in Information Systems at the University of Cape Town, South Africa. As a certified Linux Systems Administrator, she has worked a lot as an advocate for the use of Free and Open Source Software. She has also organised a lot of events, trainings and campaigns for the use of free and Open Source Software.
Currently, she is a regional ambassador for Technovation Challenge in Malawi and has organised a lot of outreach programs to encourage girls to participate in this program and to train them on how they can develop mobile application and become tech-entrepreneurs.

Aretha Mare is a postgraduate student in Science and Technology Policy at the Science Policy Research Unit (SPRU) at University of Sussex, England. A TechWomen Fellow, she is passionate about women empowerment in STEM and Innovation, and would like to see more women and girls actively participate in the digital space. She founded Techwomen Zimbabwe to fuel female-led technology innovations. She is also Co-founder of Impact Hub Harare, where they work towards strengthening the entrepreneurial ecosystem in Zimbabwe. Her research interests are in understanding contemporary security challenges particularly, the relationship between Internet privacy and security issues, Innovation and Women's ICT Uptake.

Yolanda Mlonzi is the co-founder of Southern African Emerging Leaders in Internet Governance (SAELIG), she a vibrant and motivated young woman in the field of Internet governance and communications. She started off her career in Internet governance as a Google Policy Fellow and was hosted at the Association for Progressive Communications (APC). Yolanda is an executive board member of the Internet Society Gauteng chapter. She was selected as part of the 2016 Internet Society Ambassadors to the global Internet Governance Forum and was selected to form part of the Youth@IGF Internet Society 2017 Programme. She also participated at the 2017 Communications Policy Research Youth Scholar in Myanmar. As a result, she has been selected to be the Research ICT Africa fellow to the 2017 global IGF in Geneva. Yolanda has been a speaker at the last South Africa IG, a resource person for the African School on Internet Governance (3rd & 4th editions) and is currently involved in a number of IG processes. She is a published author for the Global Information Society Watch Report of 2017 where she wrote an article on the internet governance landscape in South Africa. Yolanda holds a Bachelor of Arts (Honours) degree in International Relations and Media Studies from Witwatersrand University (Wits), where she was awarded the Wits Postgraduate Merit Award and conducted a short research study which focused on the growing politicization of intelligence services in constitutional democracies like South Africa.

Francis Monyango is a trained lawyer currently working as a research assistant at the Centre for Intellectual Property and Information Technology law (CIPIT), Strathmore University. He is passionate about internet governance and has worked on several ICT policy research projects for CIPIT, KICTANET and CIPESA. In addition to researching, he is a writer and regular

contributor to the Business Daily newspaper and the Nairobi Business Monthly magazine.

Kenneth Harry Msiska is the founder of the Young Advocates for Advancement of ICT-related Development (YAAICTD), a youth-led organization that uses ICTs to empower the rural communities to have a voice, and influence decision-making processes. YAAICTD was born out of the World Summit on the Information Society in 2003 during which time Kenneth was a key local and international organizer of youth focused activities in the lead up to WSIS I and II and beyond. Kenneth holds a Masters of Arts Degree in Sustainable Development: International Policy and Management obtained from SIT Graduate Institute in Washington, DC in August, 2014. He is passionate about Internet Governance and is an alumnus of the DiploFoundation's inaugural Internet Capacity Building Program in 2005. From March 2016 to March 2017 Kenneth consulted for Baylor College of Medicine-Children's Foundation Malawi to develop and scale up Baylor's Teen Support Line (TSL), a cellular-based, youth-friendly, all-round-the-clock and confidential hotline targeting adolescents living with HIV (ALHIV) in Malawi. He has provided consultancy services to a number of USAID funded projects, including the Annual Impact Evaluation of USAID/Malawi country development cooperation strategy conducted by Social Impact Inc where he is a Qualitative Researcher.

Natasha Msonza is a privacy advocate and digital security trainer. She is Co-Founder of the Digital Society of Zimbabwe (DSZ), a distributed network of technologists whose mandate is to empower Zimbabwean activists, human rights defenders and everyday Internet users to become more resilient and secure in their use of digital tools online and offline. Natasha has undertaken research and produced two Zimbabwe State of Internet Freedom Reports commissioned by CIPESA. She is currently Head of Policy within ISOC Zimbabwe Chapter. She can be followed on twitter @NatashaMsonza

Grace Natabaalo is a project officer with the African Centre for Media Excellence based in Kampala. Before joining ACME, she worked as a reporter and online editor at Uganda's leading independent Daily Monitor. Grace is one of Uganda's more prolific users of social media – she runs the members-only Facebook group page named "Uganda Journalists", the largest online community of local journalists where media industry issues, and a little gossip, are discussed.

Blaise Ndola is a 25 years old youth and Congolese by nationality. He has degree in International Relations and certificates in communication, civic leadership, data management as well as in several other disciplines related to internet and communication.He is working as a coordinator of the ICT program within RudiInternational and at the same time as an independent consultant in communication for local companies and International NGOs. His daily tasks at Rudi International can be summed up in the design and / or execution of ICT research, education and training projects.

Mr. Donatien Niyongendako is a Burundian Human Rights Defender, technologist, and trainer in digital security. He holds a Bachelor's Degree and Masters in Computer Engineering from the University of Burundi. From 2013 to April 2015, he worked for the Forum pour la Conscience et le Développement (FOCODE) as head of the ICT department. Since May 2015, Donatien has served as ICT assistant at DefendDefenders. He is fluent in French and has delivered digital security and social media trainings in Burundi, Rwanda, Uganda, Kenya, Central African Republic and Togo. Donatien is interested in computer programming, database development, digital security, design and web development, network & system administration.

Jean Paul Nkurunziza, from Burundi, has a Bachelor degree (+1) in Education Sciences from the University of Burundi.Since March 2007, he has been involved in the field of Internet Governance, where he took part in different capacity building programmes on behalf of DiploFoundation and Internet Society as an online lecturer. In 2010, he worked as a fellow at the United Nations Internet Governance Forum Secretariat during six months. Since 2013, he has done research in the domain of Internet Freedoms in Burundi for CIPESA, Small Media Foundation, and Internews. Beside the consultancy works (capacity building in Internet Governance and research on Internet Freedoms), he has been involved in voluntary work in local non for profit organisations : Burundi Youth Training Centre (BYTC) since 2000, and the Burundian Chapter of Internet Society since 2007.
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Helen Nyinakiza provides digital and physical security training for human rights activists. She lives and works in her native country, Uganda. She joined the human rights community as an intern at Defend Defenders where she also worked on Pan Africa projects, communications/ICT and training activities. In 2015, she joined the Amnesty International Panic Button project as lead/trainer. Others she has worked with include DW Akademie on Digital security training projects, Internews on Usable projects and the Association for Progressive Communications on their FTX: Safety Reboot curriculum. She is a student of the physical sciences and is seeking a way to contribute to internet freedoms for all

Stanley Nyombe Gore a South Sudanese by nationality holds a bachelor of laws degree (LL.B) from University of Juba. As a professional lawyer, He has been engaged in advocacy and research work and on Community development with different organizations in South Sudan from areas that include spanning hosts, Human rights, Rule of law and Community development. He currently works as a Research Officer and Co- Founder at the Advocates for Human Rights and Democracy Organizations. Prior to his current work, he worked as a Research Officer and held numerous positions at Forcier Consulting, a South Sudan's Research firm. Mr. Gore managed projects: designed methodological approaches and training manuals; conducted numerous training with NGOs, the UN agencies and private companies and routinely performed data analysis and conducted report writing.   Besides his professional and research work, Mr. Gore is a committed Rotarian at the Rotary club of Juba serving as a Sergeant at arms for the year 2017/2018.
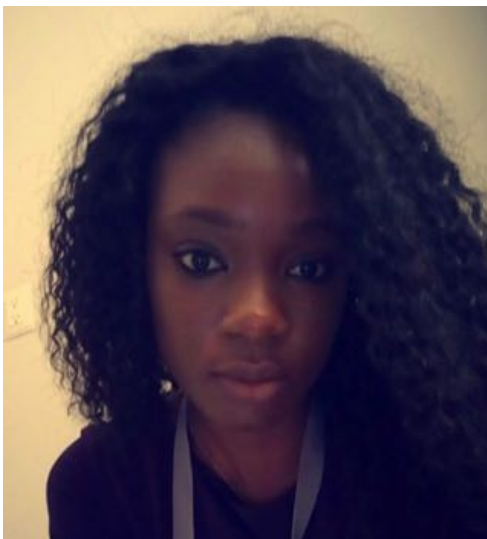

Christine Nzambi is an Advocate currently serving in the Office of the Attorney General. She is a member of various professional bodies including the Law society of Kenya and an Associate Member of the Chartered Institute of Arbitrators both in Kenya and the UK and the Commonwealth Association of Legislative Counsel. She is dedicated to the courses she believes in and remains motivated to pursue them to their logical conclusions. One such area is the pursuit of learning, which an opportunity such as this institute presents, , and thereafter, enable her to give back to society through her work in the public service.

Jennifer Joel has 10 years' experience in the nonprofit sector and academia, focusing on policy-centered research. Her expertise includes governance, energy, climate adaptation, urbanization and more recently use of mobile and digital technology for research and design of innovations that support development outcomes. Jennifer has experience working on projects for Habitat for Humanity, the Open Society Foundations, IDRC, DFID, USAID, EU and public sector agenciesin Nigeria. Within the private sector, Jennifer has experience working on CSR and for ISPs within the Nigerian telecommunications industry.

Jennifer has taught communications and community health at the Tidoo School of Health Technology, Benue State Nigeria. In 2013, she was a visiting faculty on informal politics in Africa at the University of Hradec Kralove, Czech Republic. She holds Bachelors and Master's degree in Sociology and Public Policy from the University of Ibadan Nigeria and Central European University in Budapest respectively. She has completed studies for the award of a Master's in International Law and Diplomacy at the University of Lagos and has a certificate in Health Law and Policy and Ethics from the University of Latvia and Certificates in Monitoring and Evaluation and Data Quality from the Bloomberg School of Public Health (online program) at John Hopkins University. She currently co-leads the Urban Institute led, IDRC/DFID funded project on Making Economic Growth Work for Women in Developing Countries (GroW) in Nigeria and Ghana. She spent two semesters as a Doctoral Student at American University Washington D.C. Currently, she is Visiting Scholar at the Institute for African Studies, Elliot School of International Affairs, George Washington University, and D.C

Eseohe Ojo is the Programme Manager, Digital Rights at Media Rights Agenda, a nonprofit based in Lagos, Nigeria working on digital rights and internet freedom alongside access to information, freedom of expression, press freedom and media development. She is a graduate of International Relations from Lead City University, Ibadan where she graduated in the top 10% of her undergraduate class, bagging the Prize for Best Student in Strategic Studies. Ms Ojo is currently interested in and working on Freedom of Expression, Freedom of Information, Women's Rights, Digital Rights and Freedoms, Sexual and Reproductive Health and Rights, Civic Engagement, and Youth Inclusion. Eseohe Ojo is trained in android development, human rights, big data and technology and most recently, on the International and African Legal Framework on Freedom of Expression, Access to Information and the Safety of Journalists. She has

experience carrying out projects at national, regional and international levels involving various stakeholders.
She is primarily involved in research and publications, advocacy, capacity building and public enlightenment on internet freedom issues such as censorship, freedom of expression, privacy and security online, political engagement and human rights online.

Babatunde Okunoye (Tunde) is the Research Officer at Paradigm Initiative, taking the lead on producing all research related output which contributes to the organization's capacity building and advocacy work. He co-authored Paradigm Initiative's first Digital Rights in Africa report, "Chocking the Pipe: How Governments Hurt Internet Freedom on a Continent That Needs More Access" (released at the 2016 Internet Governance Forum, Mexico) and the Nigeria report, "State of the Nation: Status of Internet Freedom in Nigeria" (launched to commemorate World Information Society Day 2016). He is a member of the American Association for Public Opinion Research (AAPOR) and the Internet Society.

Mr Mory D.A Sumaworo is a PhD researcher at Ahmad Ibrahim Kulliyah (Faculty) of Laws, International Islamic University Malaysia(IIUM). Mr. Sumaworo's doctorate project is concentrating on Alternative Disputes Resolution in Industrial Relationship. Prior to Mr Sumaworo's enrolment into the PhD program, he obtained a Master's Degree in Comparative Laws (MCL) from the abovementioned Alma Mata in 2012. In 2013, he had a Certificate in Public Financial Management Law from the Liberian Institute of Public Administration. Mr Sumaworo has his Bachelor's Degree from Islamic University in Kingdom of Saudi Arabia. He received the second prize of Shiekh Rashid Ibn Humaid Research Competition in 2008/ Mr Sumaworo presented his paper "Youth's Entrepreneurship in Africa and Development Growth: Options and Challenges" at the International Conference on Entrepreneurship in Dubai, UAE 2017. He also presented at the Prince Salman of Saudi Arabia Annual Forum in 2016. Finally, he is the founder and the Executive Director of the Institute for Development Research in Liberia.

Brian Tshuma is a Member of Parliament in Zimbabwe since 2008 and is in his second 5-year time at the moment. He has alwazys served on the Media Committee which deals with Internet governance. He holds the following degrees, Bachelors' degree of Laws, BSc degree in Sociology (University of Zimbabwe), Master of Public Sector Management (Africa University in Zimbabwe) and Master of Laws- Mercantile Law (Stellenbosch University in South Africa). He is currently enrolled for an MPhil degree in Monitoring and Evaluation Methods specializing in Internet Governnace. He has practiced as an attorney since leaving university in 2006. He served on the inaugural coordinating committee of the Zimbabwe Internet Governance Forum.

Bonface Witaba is multi-disciplinary ICT professional, with a background that includes experience working in: digital inclusion, Internet governance, citizen journalism, and policy research. He hold a BSc. IT (Hons) degree from Jomo Kenyatta University of Agriculture and Technology, advanced certifications in: Internet Governance, E-participation, Communication, Project Management and Public Policy Research. He currently works as a Research, Training and Innovations Manager at Centre for Youth Empowerment and Leadership (CYEL), an organization whose mission is to create the next generation of Internet Governance leaders through capacity building, outreach and research. Additionally, he works as a Research Consultant for iHub, East Africa's leading innovation space for technologists and Internet activists. He is also a pioneer of ICANNWiki Swahili, a non-profit encyclopedic website that seeks to translate ICANN and Internet Governance related content into Swahili for the 150 million Swahili speakers in East Africa. The overarching aim is to help connect the Next 1 Billion of Internet users through local content. He is also a writer with Geneva Internet Platform (GIP) Digital Watch observatory, a Swiss based Internet Governance and Digital Policy Magazine.

Evelyne Wanjiku is a gender and development student at Kenyatta university, Kenya. Her interests in the internet relates to how it can be used for the development and advancement of the gender equality and equity agenda. She is particularly interested in how women use the internet and the obstacles they face online as they participate in development agendas. These obstacles include gender based aggression which is my main area of research. She is interested in finding out out ways in which women are harassed online, for what reasons and by whom. She is also keen on finding solutions to such acts of aggression. She is taking part in this workshop to find new skills of researching online behaviour and to learn about effective internet policies from across the region.

FACILITATOR BIOGRAPHIES

Juliet Nafuka is the Media and Communications Officer for CIPESA. She has a Journalism degree from Rhodes University in South Africa where she specialized in Writing and Digital Media. She has since worked in the fields of communications strategy, publicity, branding and market research across East and Southern Africa. She has engaged with brands such as the African World Heritage Fund of UNESCO, MTN, Standard Bank, Nestle, Absa Bank, Barclays Bank, AngloGold Ashanti, Cartier and the BBC. A lot of her work has involved the meeting point of digital and mobile technologies.

CIPESA's Programme Manager, **Lilian Nalwoga**, has seven years of ICT policy research and advocacy experience, having joined the organisation as a Policy Officer in 2007. She has facilitated and coordinated ICT policy workshops – including coordinating the East African Internet Governance Forum in 2011 and 2015. Lillian has a Bachelors of Development Studies (Makerere University, Uganda) with a Postgraduate Diploma in Project Management as well as advanced training in Internet studies and is pursuing a Masters in Digital Media and Society at Uppsala University, Sweden. She is also the President of the Internet Society (ISOC) Uganda.

Edrine Wanyama is a Legal Officer at CIPESA. Edrine is an Advocate of the Courts of Judicature of the Republic of Uganda. He joined CIPESA with more than five years experience as a professional on awareness raising, advocacy and research in human rights, rule of law and democracy. He holds a Master of Laws (LL.M) from the University of Dar es Salaam, Tanzania, a Bachelor of Laws Degree (LL.B) from Makerere University and a Diploma in Legal Practice (Dip L.P) from the Law Development Centre (Uganda). Edrine has also undertaken leadership training with the Friedrich Ebert Stiftung Germany Foundation. He is a specialist in East African Community Law, the Law of Economic Integration, International Law, Human Rights and the Law governing Not-for-profit Organisations.

Daniel Mwesiga is CIPESA's Project Officer – ICT for Democracy and Civic Participation. He is a fervent tech commentator on issues about the openness of the internet, startups and entrepreneurship in Africa. Prior to joining CIPESA, he worked as a research communicator with Madeira Interactive Technologies Institute (M-ITI) on social tech ecosystems in sub-Saharan Africa. Daniel's work at CIPESA focuses on Kenya, Tanzania and Uganda but he also regularly analyses tech issues in Africa on iAfrikan, a pan-African tech publication, and on the Uganda-based consumer tech blog, Dignited, where he is a co-founder.

Loyce Kyogabirwe is a Project Officer at CIPESA. Loyce is passionate about using ICTs to amplify and connect women's voices. Prior to joining CIPESA, she worked with the Women's International Cross Cultural Exchange (ISIS-WICCE) where she was involved in capacity building and mentoring of grassroots women in Uganda to use ICT tools to advance gender equality. She holds a Master's Degree in Development Studies (Uganda Martyrs University), Post graduate certificate in Research Methods and Writing Skills (Center for Basic Research, Kampala) and a Bachelor's Degree in Library and Information Sciences (Makerere University). She has also undertaken several courses in gender and governance, human rights and women's health, internet governance and digital security.

Beatrice Kasemire is CIPESA's Financial Manager. She holds a Bachelors of Commerce (Accounting) from Makerere University and a Diploma, Business Studies (Accounting) from Makerere University Business School. She has for more than nine years managed finances for various projects, including for CIPESA since 2005.

Alice Aparo is CIPESA's Administrative Assistant. She joined CIPESA in 2012 and is responsible for overseeing the office's day-to-day operations. She holds a Diploma in Information Technology Business from Uganda Institute of Information and Communication Technology and is currently pursuing her Bachelor of Business Computing from Makerere University Business School.