



Medicolegal Death Investigation

INTERNATIONAL COMMUNITY OF PRACTICE



2023 ANNUAL REPORT



Department of Pathology
College of Medicine



CDC Foundation
Together our impact is greater



Medicolegal Death Investigation -International Community Of Practice (MLDI-ICoP)

2023 Final Report

NOVEMBER 28, 2023
HOWARD UNIVERSITY
Washington, DC



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Dedication

This report is dedicated to all the forensic practitioners who work diligently to ensure timely and accurate death investigation worldwide.





Introduction

Medicolegal Death Investigation (MLDI) is the intersection between how medicine and law come together to determine cause and manner of death. MLDI defines and supports the investigation, examination, and reporting of sudden, suspicious, and violent deaths. MLDI encompasses two major systems: the medical examiner system and the coroner system. Each system may vary according to the level of administrative, technical, and investigative involvement by physicians, pathologists, and law enforcement. Regardless of the type of system, MLDI requires some key elements to be effective. These elements include forensic pathology, death investigation, mortuary services, laboratory technology, and forensic photography. A successful system also requires a legal framework, policies, procedures, and protocols that inform communications, body transport and storage, report writing, quality, and death certification. There is significant variation in how MLDI Systems carry out their mandate across the globe.

There are many partners of the MLDI System including lawyers, law enforcement, public health officials, policy makers, and most importantly families. At its core, MLDI is responsible for establishing and reporting cause and manner of death for those who fall within its jurisdiction. Consequently, the MLDI system is a critical component to reporting accurate mortality data. Additionally, there is a great need to understand the leading causes of preventable death across the globe. This death data is essential to informing necessary public health strategies for injury and disease prevention. What we are learning is that with improvement of MLDI systems there is great potential for improving the overall accuracy, reproducibility, and collection of mortality data.

Because of the breadth and depth of MLDI Systems, there is an increasing need to ensure there is a community of practice in place to support forensic practitioners who serve the system. Forensic pathology is a group practice and should not be performed by a solo practitioner. What we have found is that there are several countries across the world that have a small number of forensic pathologists or physicians who are isolated far from other providers to support case decisions or peer review.



Over the last two years, Howard University has been tasked, at the request of the CDC Foundation and Bloomberg Data for Health Initiative, to institutionalize the Medicolegal Death Investigations-International Community of Practice (MLDI-ICoP) program. MLDI-ICoP consists of physicians, lawyers, forensic pathologists, forensic scientists, judges, and public health providers from all over the world. The program was established to offer professional development to our members so that they can make a meaningful difference in their respective countries by developing an effective and efficient medicolegal death investigation system. The goal is to improve mortality data capable of informing public health prevention strategies. By providing subject matter experts who deliver lectures on the reliability and reproducibility of medicolegal death investigation systems, we can improve data collection and public health outcomes. The overall objective is to create a community for members to meet monthly and discuss a myriad of forensic and administrative topics. Forensic topics include foundational elements such as gunshot wounds, sharp force injury, death in custody, and infant death investigations. Administrative topics include the development of legal frameworks and standard operating procedures for medicolegal death investigations. The monthly morning rounds are supported by a full-service, web-based platform complete with a resource library and discussion board. The MLDI-ICoP provides an opportunity for its members to identify and incorporate best practices into their existing systems. Conclusively, we create an opportunity for members to participate in peer-to-peer mentorship relationships set on improving the quality of medicolegal death investigations systems worldwide.

Dr. Roger A. Mitchell, M.D.

Principal Investigator

Medicolegal Death Investigation –

International Community of Practice

(MLDI-ICoP)

Howard University

College of Medicine





2023 MLDI-ICOP ANNUAL REPORT



The MLDI-ICoP Mission



The MLDI-ICoP Mission

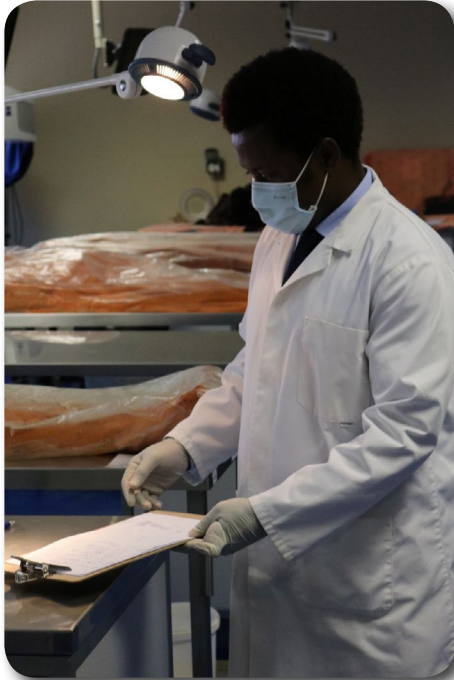
“To support best practices in medicolegal death investigations globally”

The Medicolegal Death Investigation – International Community of Practice (MLDI-ICoP) is a program that ensures the accessibility of properly curated medicolegal death investigation information and education to medical examiners, forensic pathologists, physicians, lawyers, judges, policy makers, and public health officials within the international community.

Since 2017, the CDC Foundation has been participating with the Data for Health (D4H) Initiative developed by Bloomberg Philanthropies to provide technical support to nearly 40 nations. As a result of the work performed to support the D4H Initiative, medicolegal death investigation across the globe was identified as a subject matter requiring assistance to ensure the proper certification and collection of death data. The CDC foundation has partnered with subject matter experts to provide a MLDI community of Practice (COP), MLDI symposia and a peer mentoring program.

The Medicolegal Death Investigation – International Community of Practice (MLDI-ICoP) was established in 2019 by Dr. Roger Mitchell and Dr. Olga Joos. While evaluating civil registration and vital statistics data, the lack of proper cause of death reporting became apparent and the need for a MLDI-ICoP arose. In 2019, several MLDI stakeholders met in Washington, D.C. for a technical workshop. The workshop was attended by 18 participants from 14 countries and was the platform that launched the MLDI-ICoP initiative. Today, the MLDI-ICoP includes participants from forty-six countries from over five continents and participants have reported benefits including improved structure and function of their local system as well as improved data collection.

Howard University has focused on institutionalizing the MLDI activities within the university by providing access to a centralized reliable framework of information and education relevant to the practice of medicolegal death investigation.



Program Highlights

MEDICOLEGAL DEATH
INVESTIGATION -
INTERNATIONAL COMMUNITY
OF PRACTICE



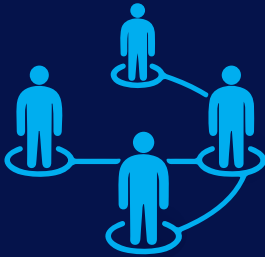
Coordinating and leading monthly synchronous video conferences that are focused on specific topics allowing for real-time interaction and collaboration.



Coordinating and administering the Annual Community of Practice Education Symposium—organizing event program and logistics annually.



Providing peer-to-peer mentorship opportunities.



The Development of a web-based hub for the Community of Practice allowing for sharing of curated medicolegal death investigation content.



Collecting and curating relevant educational content for the web-based virtual library.



Developing original educational content based on the needs of the community of practice.



Developing research priorities and strategies to inform improvement and sustainability.



The Monthly Morning Meetings



The Monthly Morning Meetings

The monthly morning meetings focus on interesting and specific topics that allow for real-time interaction and collaboration. These meetings are monthly 90-minute synchronous video

conferences and allow for sharing curated medicolegal death investigation content. Since July 2022, the following monthly morning meetings have taken place:

July 25, 2022

Topic: Death in Custody: A Call for Uniformity of Practice

Presenter: Dr. Roger Mitchell



August 29, 2022

Topic: Systemized International Capacity Development in Forensic Pathology for Low-Resource Jurisdictions: A Proposed Model

Presenter: Dr. Alfredo Walker

September 26, 2022

Official Launch of the MLDI-ICoP Website

Presenter: Adrian Bertolone, idFive





October 24, 2022

Topic: Update on the Priorities of the Forensic Unit of the ICRC

Presenter: Dr. Pierre Guyomarc'h



November 4, 2022

MLDI-ICoP Symposium: Global Child Health Considerations: Prevalence, Investigation, Death Certification and Prevention

Presenters: Multiple

December 19, 2022

Topic: Suicide; **Presenters:**



Dr. Hind Abouzahir
Morocco



Dr. Enyew Debash Damte
Ethiopia



Dr. Joseph C. Palmero
The Philippines





January 30, 2023

Topic: Medicolegal Death Investigation
– International Community of Practice,
Then and Now

Presenter: Dr. Kamilah Fernandez



February 27, 2023

Topic: Evaluating Minor Trauma as An
Indicator for Cause of Death

Presenter: Dr. Roger Mitchell

March 27, 2023

Topic: Quality Checkpoints in the Death
Investigation's Process

Presenter: Dr. Sasha Breland



April 24, 2023

Topic: Algerian Forensic Medicine

Presenter: Dr. Kamel Yacine

Topic: Death of An Accused in A Court
After the Announcement of the
Verdict: Interest of the Autopsy

Presenter: Dr. Benyagoub Massinissa





May 22, 2023

Topic: A Special Case Review

Presenter: Dr. Roger Mitchell



June 19, 2023

Topic: Peer-to-Peer Mentoring in the
MLDI-ICoP: With A Round 2 Panel
Discussion

Presenter: Dr. Stacey Simons

July 24, 2023

Topic: Another Role of the Forensic Medicine
in A Police Led System: Medical Expertise

Presenter: Dr. Hind Abouzahir



August 28, 2023

Topic: Digital Pathology: Bringing the World
Closer Together

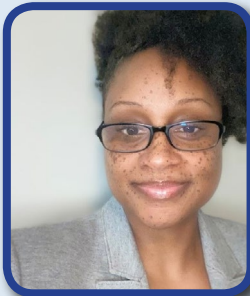
Presenter: Dr. Mark Lloyd



September 25, 2023

Topic: When Bad Things Happen

Presenter: Dr. Gary Collins



October 30, 2023

Topic: Pediatric and Infant Deaths

Presenter: Dr. Kristinza Giese

November 27, 2023

Topic: A Case of Fatal Infantile Head Injury with Complex Bi-parietal Skull Fractures: Can a Fall from Parental Standing Height be the Explanation.

Presenter: Dr. Alfredo Walker





2023 MLDI-ICOP ANNUAL REPORT



The Annual Symposium





The Annual Community Of Practice Educational Symposium

Every year the MLDI-ICoP convenes a full day symposium geared towards curated topics of interest to its members. The first symposium entitled **“From the Scene of Death to the Courtroom: Holistic Considerations in Medicolegal Death Investigation,”** occurred over two days starting on April 30, 2021 through May 1, 2021 and was a collaboration between the University of Ottawa and the CDC Foundation. The presenters delved into core topics raised regularly during the monthly morning meetings as well as shared experiences from the participants themselves. Over this two-day symposium, several hundred medical examiners, coroners, forensic pathologists, public health officials, lawyers, judges, and other partners convened to share ideas about the practice of medicolegal death investigation throughout the world. Learning objectives included describing the structure and functions of the

coroner’s system in England and Wales in medicolegal death investigation; the history of medicolegal death investigation in the United States; the major challenge areas impacting the MLDI system in Belize; and describing the process of medicolegal death investigation from the Indian representatives’ perspective to name a few of the objectives.

Once the MLDI-ICoP became institutionalized at Howard University in 2022, the Annual Symposium occurred on November 4, 2022 and was entitled **“Global Child Health Considerations: Prevalence, Investigation, Death Certification and Prevention.”** The symposium addressed the needs of the members with an emphasis on equipping forensic pathologists with the ability to investigate, diagnose, manage, report, and help prevent pediatric deaths. The learning objectives included: explaining the role of the forensic pathologists in the investigation, diagnosing, and reporting of pediatric deaths globally; debating the importance of fatality review in the prevention of pediatric deaths globally; and explaining the importance of interdisciplinary collaboration in the management of pediatric deaths. During this virtual symposium, there were presentations from sixteen experts from eleven countries with 185 participants attending. CME credits were awarded to participants.






 **CDC Foundation**
Together our impact is greater 

The CDC Foundation
in collaboration with the
**The Department of Pathology and
Laboratory Medicine of the Faculty
of Medicine, University of Ottawa**
presents

**Medicolegal Death Investigation International
Community of Practice Symposium**
*"From the Scene of Death to the Courtroom:
Holistic Considerations in Medicolegal Death
Investigation."*

This event is part of the Data for Health initiative,
supported by Bloomberg Philanthropies.

April 30 and May 1, 2021
0800-1200 hrs Eastern Standard Time (EST)

 **CDC Foundation**
Together our impact is greater   **HOWARD
UNIVERSITY**

The CDC Foundation
in collaboration with the
**Howard University
Department of Pathology**
Presents

**Medicolegal Death Investigation International
Community of Practice Symposium**
*"Global Child Health Considerations:
Prevalence, Investigation, Death Certification
and Prevention."*

This event is part of the Data for Health Initiative, supported
by Bloomberg Philanthropies

November 4, 2022
0730 – 1700 Hours, Eastern Standard Time/EST

https://howard.zoom.us/j/zoom/register/92Mef_nuo0u115233WzC4Hoy2ke5e0l5gh





Peer-To-Peer Mentoring Round 2 Summary



Peer-To-Peer Mentoring Round 2 Summary

Background

In keeping with the mission of the Medicolegal Death Investigation - International Community of Practice (MLDI-ICoP) to support best practices in MLDI globally, in 2021 we set out to create a program that would encourage peer-to-peer support. The goal was lofty, but within reach. Because we are a large group of practitioners with a broad variety of professional knowledge and experience, we had everything we potentially needed to succeed. The MLDI-ICoP Peer-To-Peer Mentoring (P2PM) Program allows us to teach our colleagues while also learning from them. Unlike some other hierarchical mentoring programs, the titles “Mentor” and “Mentee” are formalities assigned within a pairing at the start of each mentoring block. But because the program requires each participant to take an active role in the exchange of information throughout each session, the designations are essentially interchangeable. With P2PM, co-leadership replaces the traditional “Teacher-Student” hierarchy.



Dr. Stacey Simons





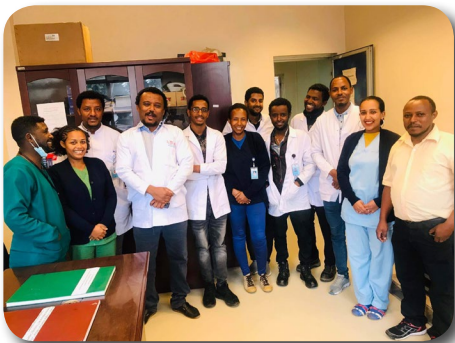
Our group of participants is, in itself, very unique. Most “Mentees” are working professionals with great levels of professional responsibility and status. Additionally, it is a given that within any particular Mentor-Mentee relationship, differences in language, cultural contexts, regional professional practices, and opportunity for exposure to certain types of MLDI scenarios will vary greatly. Therefore, the Mentor and Mentee are also expected to foster a safe, non-judgmental environment where each can ask questions, express opinions, and give meaningful feedback on topics that may be culturally, medically, legally, and politically sensitive. In 2022, a grant was provided by the Bloomberg Data for Health Initiative and National Foundation for the Centers for Disease Control and Prevention, Inc. to allow for evaluation of the 2021 pilot P2PM Program (Round 1), modification to create a time-enduring program, and proof of

concept with two additional rounds (Round 2 and Round 3). This grant has been extended to continue through March 31, 2025 to allow for completion of all goals.



Preparation for Round 2 of P2PM

Overall, P2PM is still in its early stages, and we are on the learning curve toward a program that successfully supports as many individuals as possible within their time constraints and learning needs. This year we analyzed the feedback from Round 1 and prospectively modified the process of creating the Mentor-Mentee groups to predominantly consist of pairs for Round 2 (2023). Our hope was to allow



easier scheduling of individual sessions and to allow for more individually relevant targeting of topics of interest.

In 2022, we conducted an online support survey, asking for personal preferences related to items including:

- Availability to be a Mentor/Mentee/ Both
- Topics of interest/areas of expertise
- Number of sessions desired
- Time zone
- Comfort communicating in English language, with preferred language for communication if not English



Round 2 of P2PM

Round 2 of the P2PM Program was a success. It ran from February 3, 2023 to April 30, 2023. We originally paired 24 participants from 15 countries into 13 pairs. One Mentee withdrew before the start of the round due to workload issues, so we proceeded with 23 participants in 13 pairs. Three Mentors engaged in two separate pairings. One Mentee also joined in to participate with a second pairing (making it instead a “small group”). One pairing did not successfully meet due to work constraints.

The countries represented included Australia, Belize, Bhutan, Canada, India, Morocco, Namibia, Philippines, South Africa, Spain, Sri Lanka, the United States, Zambia, and Zimbabwe



Pairings included inquiries into (and expertise within) the following categories:

- Quality (Standard Operating Procedures and Medical Certificates of Cause of Death)
- Management and Leadership
- Leadership in the Workplace
- Setup/Management of a Medicolegal Office; Preparing for a Surge in Fatalities
- General Anatomic and/or Forensic Pathology
- Child and Infant Death
- Essentials of Autopsy Cases
- Forensic Medicine
- Crime Scene Management; Forensic Chemistry/Toxicology and Genetics
- Pediatrics/Pediatric Pathology; Public Health; Toxicology

We held an Open Q&A session online prior to the start of the round, with two time and date options to account for differences in work schedules and time zones. We had 4 participants attend the first session, and 4 participants attend the other. Seven (7) of these 8 participants were new to the P2PM Program.

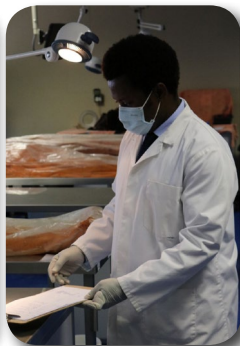
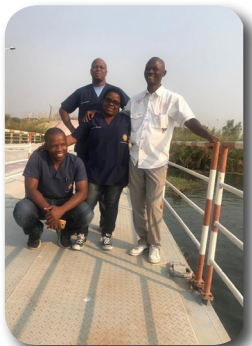
Individualized follow-ups were sent to the pairs to ensure they were able to connect and find adequate meeting times, and assistance was provided as





needed. Re-assignment was successful for the Mentor affected by Mentee withdrawal (based on the participant's original survey responses, with new placement as a Mentee with an appropriate Mentor). At the end of the round, we received responses for the mandatory Final Evaluation (10 Final Evaluations out of 26 possible). This material is being analyzed and incorporated into existing information, in preparation for Round 3.

include an introduction to the program, success stories, and a link to request membership to the MLDI-ICoP. The June 19, 2023 monthly MLDI-ICoP meeting was dedicated to P2PM, to provide an opportunity for those in our international community to hear about our mentoring program. The agenda included an introductory portion explaining the P2PM goals and methodology in the context of more traditional types of mentoring programs, a panel discussion including



8-10 participants from Round 1 and Round 2, and finally, questions from the audience. A "Lessons Learned" document is in progress, and will ultimately incorporate the experiences, knowledge gained, and future strategies related to all three rounds of P2PM.

Additional Activities Related P2PM

A P2PM page has been created within the MLDI-ICoP website. Features



The
MLDI-ICoP
Website



The MLDI-ICoP Website

The Medicolegal Death Investigation-International Community of Practice (MLDI-ICoP) website www.mldi-icop.org was launched in September 2022 and funded by the CDC Foundation and Bloomberg Philanthropies Data for Health. During the development phase of the website, community input was requested.

- Audience Scan: Included directed interviews with five community members.
- General survey for the development of the content.
- Request for photographs and quotes from the community.

There are numerous ways to engage on the website:

“About Us” that demonstrates the MLDI-ICoP goals:

1. Building capacity in clinical, administrative, and operational systems improvements.
2. Supporting the development of materials for implementation in countries for system strengthening.
3. Fostering peer-to-peer discussions and collaborations on systems challenges, solutions, and advocacy.





4. Identifying and compiling recommendations to disseminate as a global resource.

“Resources” that provides educational tools to support the membership.

Resources Include:

- Forensic Pathology
- Disaster Preparedness
- Death Certification
- Death Investigation
- General Pathology
- Legal Framework

“Peer-to-Peer Mentoring” that gives the membership a gateway to the Peer-to-Peer program, training, and forms.



“Discussion” that provides a discussion board for virtual discussion on topics from Monthly Morning Meetings, Peer-to-Peer Mentoring, General Discussion, and General Feedback.



“Training” that allows for membership to review the content from the previous Monthly Morning Meetings.

“Community” where member can connect with other members across the world who share interests and needs in the medicolegal death investigation community.







The Website Dashboard

HOWARD UNIVERSITY | Department of Pathology

Country: [Dropdown] | Jan 1, 2023 - Nov 16, 2023 [Dropdown]

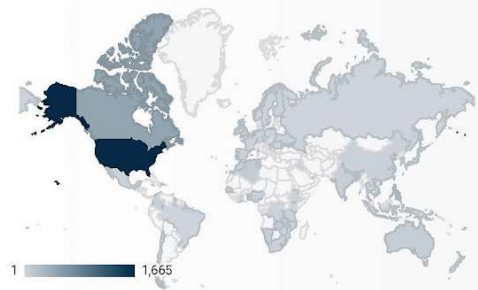
MLDI-ICOPrg Website Summary Data From Google Analytics 4

Views 6,753 ↑ 159.9%	Total users 1,964 ↑ 606.5%	Sessions 3,091 ↑ 386.0%	Engagement rate 47.95% ↓ -8.7%	Avg. Engagement Time 00:01:00 ↓ -67.3%
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How are site sessions trending?

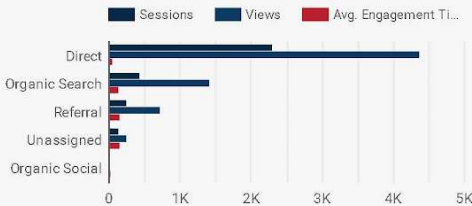


What are the top countries by sessions?

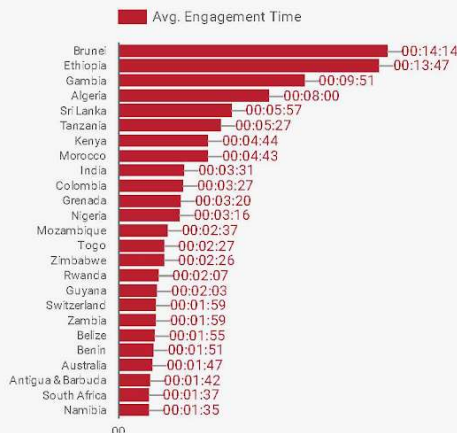


Which channels are driving engagement?

Goal: Engaged Users



Engagement by Location



Country	Sessions	Total users
1. United States	1,665	1,067
2. Canada	461	447
3. Philippines	110	28
4. Zambia	72	42
5. Algeria	66	10
6. Australia	52	40
7. Namibia	46	25
8. Colombia	45	3
9. United Kingdom	43	34
10. India	42	23
11. Nigeria	36	21
12. Rwanda	36	19
13. Sri Lanka	31	10
14. Trinidad & Tobago	31	17
15. China	26	25
16. Morocco	26	13
17. South Africa	26	20
18. Netherlands	21	18
19. Ethiopia	21	7
20. Spain	20	10



MLDI-ICOP.org International Reach Summary

Data From Google Analytics 4

Site Totals:

Views

6,753

↑ 159.9%

21

New users

1,849

↑ 648.6%

21

21

Avg. Engagement Time

00:01:00

↓ -67.3%

International Only:

Total users

923

↑ 650.4%

21

New users

840

↑ 685.0%

Sessions

1,454

↑ 498.4%

Engagement rate

57.50%

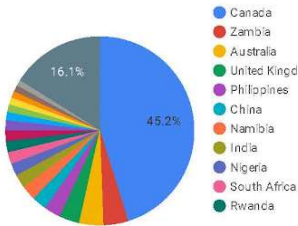
↑ 11.8%

Avg. Engagement Time

00:01:20

↓ -62.5%

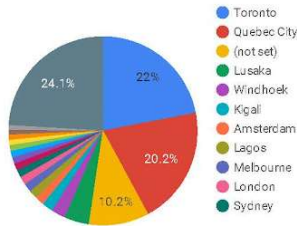
International User Countries:



Country	Total users
1. Canada	447
2. Zambia	42
3. Australia	40
4. United Kingdom	34
5. Philippines	28

1 - 5 / 80 < >

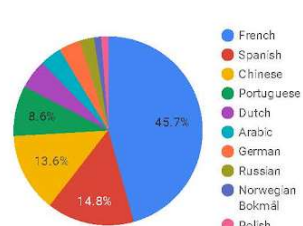
International User Cities:



City	Total users
1. Toronto	219
2. Quebec City	201
3. (not set)	102
4. Lusaka	42
5. Windhoek	24

1 - 5 / 166 < >

Non-English User Languages:



Language	Total users
1. French	37
2. Spanish	12
3. Chinese	11
4. Portuguese	7
5. Dutch	4

1 - 5 / 10 < >

Top Non-English (Translated) Content

Page title	Language	Views	Users	Engagement rate
1. Homepage Global Pathology Teaching and Education Program	French	80	23	57.81%
2. Training Global Pathology Teaching and Education Program	Spanish	50	3	8.16%
3. Log in Global Pathology Teaching and Education Program	French	35	6	0%
4. Request Membership Global Pathology Teaching and Education Program	French	22	9	11.11%
5. Resources Global Pathology Teaching and Education Program	French	21	8	11.11%
6. Homepage Global Pathology Teaching and Education Program	Spanish	20	10	61.11%
7. Community Global Pathology Teaching and Education Program	French	20	4	0%
8. Training Global Pathology Teaching and Education Program	French	20	5	0%
9. ykamel Global Pathology Teaching and Education Program	French	15	1	11.11%
10. Events Global Pathology Teaching and Education Program	French	14	7	13.33%

1 - 10 / 96 < >



Country ▼

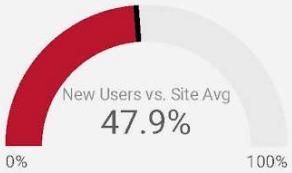
Jan 1, 2023 - Nov 16, 2023 ▼

MLDI-ICOP.org Content Engagement Summary

Data From Google Analytics 4

Views 6,753 ↑ 159.9%	Total users 1,964 ↑ 606.5%	New users 1,849 ↑ 648.6%	New user % 94.14% ↑ 6.0%	Engagement rate 47.95% ↓ -8.7%	Avg. Engagement Time 00:01:00 ↓ -67.3%
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Engagement Rate Comparisons:



What search terms do MLDI-ICOP pages appear for?

Query	Impressions	Site CTR	Average Position
1. mldi	2,250	0.36%	8.06
2. global pathology	1,605	0%	60.56
3. global pathology support	1,405	0%	52.2
4. death investigation	551	0%	65.24
5. icop	516	0%	71.86
6. medicolegal death investigation	400	0.5%	26.05
7. forensic death investigation	243	0%	63.08
8. global and community practice	174	0%	84.79
9. global death investigations	114	0.88%	6
10. medicolegal investigation of de...	96	0%	49.32
11. asset fatal pattern	70	0%	29.57
12. center mass shooting range	68	0%	88.65

1 - 183 / 183 < >

What content drives traffic and engagement?

Page title	New users	New user %	Engagement rate	Avg. Engagement Time
1. Homepage Global Pathology Teaching and Education Program	1,472	92.81%	53.88%	00:00:23
2. Resources Global Pathology Teaching and Education Program	127	49.03%	19.29%	00:00:28
3. About Us Global Pathology Teaching and Education Program	42	30.43%	22.4%	00:00:27
4. Events Global Pathology Teaching and Education Program	39	48.75%	23.42%	00:00:40
5. Access denied Global Pathology Teaching and Education Prog...	28	41.18%	36.89%	00:00:12
6. Log in Global Pathology Teaching and Education Program	21	15.67%	15.95%	00:00:42
7. Request Membership Global Pathology Teaching and Educatio...	20	15.5%	17.05%	00:01:18
8. Peer-to-Peer Mentoring Global Pathology Teaching and Educat...	20	25%	18.31%	00:00:53
9. Newsletter Global Pathology Teaching and Education Program	18	33.96%	10.77%	00:00:17
10. Community Global Pathology Teaching and Education Program	10	10.53%	20.57%	00:01:47
11. Reset your password Global Pathology Teaching and Educatio...	10	24.39%	27.45%	00:00:17
12. Page not found Global Pathology Teaching and Education Pro...	8	38.1%	20.69%	00:00:25
13. Training Global Pathology Teaching and Education Program	6	5.22%	15.28%	00:01:02
14. Anatomical diagrams for recording autopsy findings Global P...	4	40%	50%	00:00:07
15. Training Scores Global Pathology Teaching and Education Pro...	3	7.32%	18.46%	00:00:12

1 - 222 / 222 < >

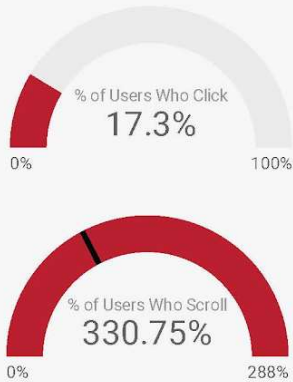


MLDI-ICOP.org User Behavior Summary

Data From Google Analytics 4

Views	Total users	Pages per session	Event count	Event count per user	Engagement rate
6,753	1,964	2.18	22,378	11.44	47.95%
↑ 159.9%	↑ 606.5%	↓ -46.5%	↑ 187.3%	↓ -59.5%	↓ -8.7%

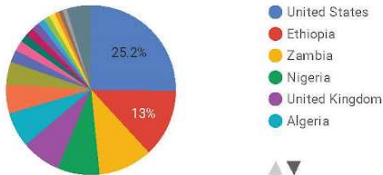
Behavior Rates:



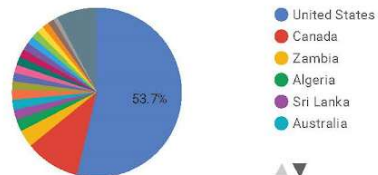
What actions do users take while visiting?

Event name	Event count	Event count per user	Per session
1. page_view	6,753	3.46	2.3
2. user_engagement	5,327	4.51	2.95
3. scroll	4,862	2.93	2.12
4. session_start	2,920	1.52	1
5. first_visit	1,900	1.02	1
6. Click	254	2.7	2.03
7. PDF	170	6.54	3.47
8. file_download	94	3.62	1.96
9. click	92	1.77	1.33
10. PPTX	5	1.67	1.67
11. PNG	1	1	1

Clicks by Country



Scrolls by Country



What content do users click on?

Page title	Clicks	% of Users...
1. Homepage Global Pathology Teachin...	186	12.65%
2. Training Global Pathology Teaching ...	18	1.22%
3. About Us Global Pathology Teaching ...	9	0.61%
4. Community Global Pathology Teachi...	9	0.61%
5. Resources Global Pathology Teachin...	5	0.34%
6. Edit Profile #48 Global Pathology Tea...	4	0.27%
7. Peer-to-Peer Mentoring Global Pathol...	4	0.27%
8. Events Global Pathology Teaching an...	3	0.2%
9. Page d'accueil Programme mondial ...	3	0.2%
10. Discussions Global Pathology Teachi...	2	0.14%

What content do users scroll?

Page title	Scrolls	% of User...
1. Homepage Global Pathology Teach...	1,807	122.93%
2. Resources Global Pathology Teachi...	348	23.67%
3. Log in Global Pathology Teaching a...	329	22.38%
4. Community Global Pathology Teac...	280	19.05%
5. Training Global Pathology Teachin...	226	15.37%
6. Request Membership Global Pathol...	176	11.97%
7. Peer-to-Peer Mentoring Global Path...	170	11.56%
8. About Us Global Pathology Teachin...	167	11.36%
9. Access denied Global Pathology Te...	120	8.16%
10. Events Global Pathology Teaching ...	97	6.6%



From Policy To
Practice:
A Workshop In Zambia



From Policy To Practice: Improving Medicolegal Death Investigation

A Workshop In Zambia

The Medicolegal Death Investigation International Community of Practice at Howard University held a three-day workshop at the Ciela Resort and Spa in Lusaka Zambia, March 13 – 15, 2023.

The workshop was held in collaboration with the State Forensic Pathologist Zambia.

The attendees of the workshop were all invited and included:

- Zambian Forensic Pathologists, Zambian politicians, and Zambian forensic scientists
- MLDI-ICoP advisory board members
- MLDI-ICoP members from various countries
- Representatives from other MLDI organizations (ICRC, ASFM, VS, SWISS TPH, etc.)

Day One - March 13,
2023 from 8:30am to
4:30pm:

The first day of the workshop was entitled ***“Forensic Pathology 101.”*** The day started with welcome remarks from Dr. Mucheleng’anga followed by a series of presentations by MLDI-ICoP advisory board members. Dr. Kamilah Fernandez served as the master of ceremonies. Dr. Roger Mitchell presented on the ***“Approach to a Forensic Post-mortem Examination”*** and ***“Gunshot Wounds.”*** Dr. Gary Collins presented on ***“Wounds produced by Pointed, Sharp-Edge and Chopping Implements”*** and ***“the Forensic Post- Mortem Report”***. Dr. Mucheleng’anga presented on the ***“National Forensic Act- Zambia”*** and ***“Forensic Evidence in Court.”*** Each presentation was preceded by a short question and answer session. At the end of the day, there was a recap of the day’s proceedings by Dr. Mitchell and Dr. Mucheleng’anga, and a welcome reception was held later in the evening which allowed the participants to mingle and network after the meeting.



Day Two - March 14, 2023 from 8:30am to 4:40pm:

The second day of the workshop was entitled ***“Policy Standards and Support for Medicolegal Death Investigation.”***

The day started with welcome remarks from Dr. Mucheleng’anga. The first half of the day consisted of a series of speeches and presentations from Zambian government officials, lawmakers, and forensic scientists. Dr. Cordelia Himwaze served as the master of ceremonies. The day included a

presentation on the Role of Forensic Pathology in Public Safety and Policy by Dr. Mitchell. Dr. Stephen Fonseca, Manager of the African Centre for Medicolegal Systems at ICRC gave a presentation on ***“International Support for Mass Disaster Management”*** and answered numerous questions pertaining to providing support to African countries in various aspects of Forensic Medicine. Dr. Uwom Eze, President of the African Society of Forensic Medicine gave a presentation on ***“The State of Forensic Pathology Service in Africa,”*** which resulted in extensive discussion from the other Forensic Pathologists in the audience. The day concluded with two presentations from MLDI-ICoP advisory board members; Dr. Kristinza Giese presented on Pediatric Forensic Pathology and Blunt Force injuries and Dr. Olga Joos presented on MLDI Cause of Death Statistics- Certification, Dissemination and Advocacy. The meeting ended with a recap of the day’s proceedings by Dr. Mitchell and Dr. Mucheleng’anga.





Day Three - March 15, 2023 from 8:30am to 4:40pm:

The third day of the workshop was entitled **“Readiness Assessment.”** The setting of the meeting was one of group work and participants gather at round tables which had seven or more participants including a MLDI-ICoP Advisory Board Member. The meeting started with welcome remarks from Dr. Mitchell and was followed by a series of talks by various audience members on their experiences and strategies that had improved the performance of MLDI systems in their countries. The talks were focused on six domains namely; governance/legal framework, financing, operations, human resources, monitoring and evaluation, and equity. Two participants from different countries spoke on each domain. The meeting was then steered by Dr. Daniel Cobos from the Swiss Tropical and Public Health Institute who directed the discussions. The group work started with each table discussing the domains of a MLDI readiness assessment tool kit followed by small group discussions of the minimal requirements for a MLDI system to appropriately function on a local and national level using the previous sub-domains. After each discussion, there was a report-out

period from each table and discussion among the entire group.

The suggestions and information from the discussions and report-out were recorded by Dr. Cobos and his team and would be used to formulate a MLDI readiness assessment tool. Dr. Gary Collins closed out the day, thanking all the participants and inviting participants to join the MLDI-ICoP.







Acknowledgments

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Our Advisory Board Team:



Dr. Sasha Breland
USA



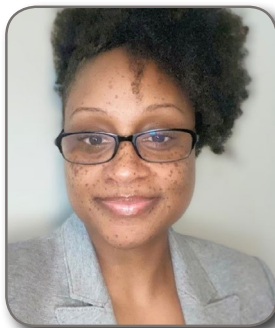
Dr. Gary Collins
USA



Dr. Stephen Cordner
Australia



Dr. Kamilah Fernandez
Trinidad and Tobago



Dr. Kristinza Giese
USA



Dr. Olga Joos
USA



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- Cheryle Adams
- Carrie Crowther



*Dr. Alfredo Walker
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The MLDI-ICoP Mission

“To support best practices in medicolegal death investigations globally”





**Medicolegal Death
Investigation**

INTERNATIONAL COMMUNITY OF PRACTICE



2023 ANNUAL REPORT

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CDC Foundation
Together our impact is greater