

The **Digital Initiatives Group at I-TECH (DIGI)** launched in December 2018 and builds on 15 years of experience designing, developing, implementing, and evaluating health information systems (HIS) around the world. DIGI envisions a world where health workers, clients, and communities are empowered with information that improves the quality, equity, and efficiency of health care services. With a steadfast commitment to standards and sustainability, DIGI is a technology-agnostic team, which allows us to identify the best-suited tool for a given client or context. The mission of DIGI is to deliver innovative, appropriate, and user-centered digital health solutions that improve access to information and support decision-making by health workers, clients, and communities. We are committed to collaborating with global communities to develop and enhance digital tools and provide technical assistance for effective implementation and sustainability.



Areas of Service Delivery

- Software Design & Development
- Health Data Exchange Standards
- Health Systems Architecture
- Information Security
- Evidence-Based Evaluation and Implementation
- Digital Health Workforce Development

Engaging the Center



Client contacts DIGI by email at jdiallo@uw.edu or phone at 206-221-3579 to determine suitability of engaging DIGI considering project needs, resources, and budget.



DIGI has researchers, digital health specialists, health workforce specialists, data analysts, and software engineers who are deployed on projects in a flexible and responsive way. DIGI also has access to a global network of staff, consultants, and vendors. Roles for DIGI, project staff, and any necessary vendors or consultants are established. Client signs off on Project Agreement drafted by Managing Director and designated DIGI Project Lead.



A monthly activity report provided, including the status of the deliverables, activities for the month, and any concerns about the project, possible adjustments to timeline and budget, etc. Monthly meetings scheduled to discuss these topics as needed/desired. Client is billed monthly.



After successful completion of deliverable, typically after 6-12 months, DIGI and client meet to debrief and consider need for continued work. DIGI team debriefs internally.

For more information, contact:

Managing Director Joanna Diallo, jdiallo@uw.edu, 206-221-3579

By approaching our work from a foundation of capacity building and strong project management, the **Digital Initiatives Group at I-TECH (DIGI)** delivers solutions that promote ownership and sustainability. DIGI designs and delivers **standards-based** health information tools and platforms within a comprehensive package of services to foster robust digital health ecosystems. We not only provide services to scope and build technical solutions to manage program or clinical data, we also partner with ministries of health and stakeholders to reinforce governance and policy, build capacity of staff, stakeholders, and end users, visualize and interpret the data collected, and evaluate performance to ensure sustainable implementation of the systems. **User-centered design and delivery** of health information tools and platforms to empower individuals at all levels of the system.

DIGI is a **leader in digital health global goods communities** (OpenMRS, OpenHIE, OpenELIS, Bahmni) and has significant experience implementing these tools: OpenMRS point-of-care and OpenHIE projects in Haiti, Kenya, and Cameroon; OpenELIS interoperability with OpenLMIS and OpenMRS (global); OpenMRS QA grant; and establishing a global Open LIS Community of Practice. DIGI also provides leadership in the WHO Digital Client Records Standards & Architecture working group and the Health Data Collaborative Digital Health & Interoperability working group. **Open access to technology** is critical for the low- and middle-income countries (LMIC) with which we collaborate most often. By promoting open source “global goods” that are supported by implementer communities, we help partners like the Ministry of Health be able to own and continue to develop the solutions long-term.

As an academic institution, we practice **hypothesis-driven development** which means we experiment and iterate on a proposed solution until we get it right and apply our learning across projects. DIGI brings together individuals with a breadth of experience and skills in digital health who can be assigned to projects in a **flexible, responsive way**. Our shared faculty lead role helps us to leverage diverse resources from departments across the University and our network of staff in nearly 30 countries positions DIGI to leverage and adapt solutions to any context.

Standards-
Based Solutions

User-Centered
Design

Open Access to
Technology

Hypothesis-
Driven
Development

Flexible and
Responsive

Current Projects

- Botswana National Data Warehouse & Dashboards
- Cambodia Enhancing Quality of Healthcare Activity
- Cameroon HIS Strategic Planning
- Côte d'Ivoire Lab Information Systems (LIS)
- Haiti HIS Architecture
- Kenya HIS Curriculum Development
- Malawi Case Base Surveillance Systems
- Malawi HIV Recency Testing
- Malawi National HIV Reference Lab LIS
- Namibia Mobile VMMC Application
- OpenELIS Integration with OpenMRS & OpenLMIS
- South Africa Policy Information Management System
- TrainSMART
- Zimbabwe Data Governance & Management

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