

VALDYMAS HEALTH

Powered by Valdymas Intelligence LLC · Mansfield, Texas, USA

INSTITUTIONAL SCHOLARSHIP PROGRAMME

Introduction to Healthcare Quality, Patient Safety & Digital Transformation

A fully-funded, curriculum-integrated certificate programme for
Universities & Colleges of Health Sciences across Africa

PROGRAMME PROSPECTUS · 2026 – 2027

US\$150

PER STUDENT

Fully covered by Valdymas

6 HOURS

CONTACT TIME

3 hrs × 2 weekends, virtual

30 DAYS

CAPSTONE PROJECT

Real gaps in your institution

ANNUAL

RENEWAL

Approved schools locked in

APPLICATION CYCLE NOW OPEN

Cycle 1 (2026): Monday 3 August – Friday 28 August 2026 | Implementation: September – December 2026

Apply at: health.valdymasintelligence.org/institutions

Executive Overview

Valdymas Health, the healthcare education and training arm of Valdymas Intelligence LLC (Mansfield, Texas, USA), invites Universities and Colleges of Health Sciences across Africa to apply for the Institutional Scholarship Programme in Healthcare Quality, Patient Safety & Digital Transformation.

This is a fully-funded institutional model. Rather than students applying individually, your institution applies on behalf of a defined student population. Valdymas Health assumes the full training and certification cost of US\$150 per student — at no charge to the institution or to the student.

The programme is designed to be embedded directly into your existing academic curriculum. It is not a standalone external event, but a formally integrated learning experience that sits alongside your students' Integrated General Medical Courses, Integrated Papers, Community and Public Health rotations, Nursing Practice rotations, or equivalent structured programmes.

What Makes This Model Different

THE INDIVIDUAL MODEL

- Students discover and enrol on their own
- Delivered in fixed public cohorts
- Attendance is voluntary and variable
- No formal academic recognition
- Certificate is a personal credential

THE INSTITUTIONAL MODEL

- Institution applies for its whole student body
- Scheduled to fit YOUR academic calendar
- Curriculum-integrated and credit-aligned
- Formal opening and closing ceremonies
- Institutional partnership renewed annually

Who Should Apply

Any accredited university, college of health sciences, teaching hospital school, or health training institution in Africa offering programmes in the following disciplines:

Medicine	Dentistry	Nursing	Pharmacy	Medical Lab Science	Physiotherapy
Radiography	Optometry	Public Health	Health Info. Mgmt	Occupational Therapy	Other Allied Health

The Scholarship Model

Valdymas Health underwrites the complete cost of training and certifying every student enrolled through an approved institution. There is no application fee, no per-student charge to the institution, and no cost passed on to students or their families.

WHAT VALDYMAS HEALTH COVERS	WHAT THE INSTITUTION PROVIDES
▪ Full curriculum design and course materials ▪ All virtual training delivery and facilitation ▪ Expert faculty and international panelists ▪ Capstone project mentorship and assessment ▪ Individually verified virtual certificates ▪ Selected Valdymas Intelligence eBooks for students ▪ Awards, prizes and recognition for top teams ▪ Opening ceremony and closing presentation event ▪ Total value: US\$150 per student	▪ A named institutional Programme Coordinator ▪ Academic placement within an existing course or rotation ▪ Approved student list and level/discipline mapping ▪ Communication of schedule to enrolled students ▪ Reliable venue or connectivity support for virtual sessions ▪ Attendance verification for certification eligibility ▪ Institutional endorsement of the closing presentation event ▪ Optional: support for top-3 rapid implementation cycles ▪ Total financial cost: Nil

SCHOLARSHIP VALUE AT SCALE

An institution enrolling 200 students receives US\$30,000 in fully-funded training value. An institution enrolling 500 students receives US\$75,000. There is no cap on the number of students an approved institution may enrol, subject to cohort scheduling capacity agreed with our delivery team.

Annual Renewal & Institutional Lock-In

Once an institution is approved, it is permanently registered as a Valdymas Health Partner Institution. This secures automatic eligibility for ongoing annual training of each successive student intake, without needing to re-enter the competitive application cycle. Partner institutions receive:

- Guaranteed annual delivery slots aligned to your academic calendar
- Priority access to new Valdymas Health programmes and advanced tracks
- Institutional listing on the Valdymas Health Partner Network page
- An annual Institutional Impact Report summarising student outcomes and capstone results
- Co-branded certificates bearing both the institution's and Valdymas Health's marks

Curriculum Framework

The programme delivers three integrated modules across six contact hours, followed by an applied capstone project. The curriculum is deliberately discipline-agnostic in its foundations and discipline-specific in its application, allowing Medicine, Nursing, Pharmacy, Medical Laboratory Science, Physiotherapy and allied health students to learn together while applying concepts to their own scope of practice.

01

Healthcare Quality Foundations

2 CONTACT HOURS · WEEKEND 1, SESSION A

Learning Outcomes — by the end of this module students will be able to:

1. Define healthcare quality using the six IOM/WHO domains and explain why each matters in an African health system context.
2. Apply the Donabedian structure–process–outcome framework to a clinical service in their own training institution.
3. Distinguish between quality assurance, quality control and quality improvement, and identify where each belongs.
4. Describe the PDSA improvement cycle and outline how a single cycle would be run on a defined problem.
5. Identify relevant national and international standards including NHQMS, ISO 9001, ISO 15189 and JCI accreditation.

Core Topics Covered

- The six domains of quality (safe, effective, patient-centred, timely, efficient, equitable)
- Donabedian model: structure, process, outcome
- Institute for Healthcare Improvement (IHI) Triple and Quadruple Aim
- Quality indicators and how to define a measurable metric
- Introduction to PDSA, Lean and Six Sigma thinking
- Root cause analysis: fishbone and 5-Whys
- Clinical governance and accountability structures
- Accreditation standards and what assessors look for

Learning Outcomes — by the end of this module students will be able to:

6. Explain the systems approach to patient safety and contrast it with a person-blame approach.
7. Classify safety events correctly as near misses, adverse events, sentinel events or never events.
8. Describe the principles of a just culture and why psychological safety underpins effective incident reporting.
9. Identify the highest-risk points in medication administration and infection prevention within their own discipline.
10. Recognise how communication failure contributes to harm and apply a structured handover tool.

Core Topics Covered

- Global and African burden of preventable patient harm
- Reason's Swiss Cheese model and latent system failures
- Human factors and ergonomics in clinical settings
- Adverse event taxonomy and incident reporting systems
- Just culture and psychological safety
- Medication safety and high-alert medications
- Infection prevention and control (IPC) essentials
- Structured communication: SBAR, handover and escalation
- High-reliability organisation (HRO) principles
- Patient and family engagement as a safety strategy

Learning Outcomes — by the end of this module students will be able to:

11. Describe the core components of a health information system and how clinical data flows through it.
12. Explain the clinical value and the practical risks of electronic health record adoption in low-resource settings.
13. Evaluate where artificial intelligence genuinely adds clinical value and where it introduces new safety risks.
14. Identify data privacy, confidentiality and cybersecurity obligations relevant to their future practice.
15. Assess a digital health intervention for equity of access before recommending it.

Core Topics Covered

- Health Information Systems (HIS) architecture
- Electronic Medical and Health Records (EMR/EHR)
- Clinical decision support systems
- Artificial intelligence and machine learning in diagnostics
- Telemedicine, mHealth and remote monitoring
- Digital documentation quality and data integrity
- Health data privacy, consent and cybersecurity
- Interoperability and health data standards
- Digital health equity in low-resource settings
- Change management for digital adoption

SECTION 04

Delivery Structure & Schedule

All contact sessions are delivered virtually by Valdymas Health faculty. The six contact hours are split into two three-hour sessions across two separate weekends, allowing students to absorb content between sessions and begin identifying capstone opportunities within their own institution.

SESSION	TIMING	CONTENT	DURATION
Weekend 1 — Saturday	Session A	Module 1: Healthcare Quality Foundations	3 hours
Weekend 1 — Sunday	Session B	Module 2: Patient Safety Science	3 hours
Interval	2–3 weeks	Capstone team formation & gap identification	Self-directed
Weekend 2 — Saturday	Session C	Module 3: Digital Transformation + Capstone briefing	3 hours
Capstone Window	30 days	Design of mini-improvement project	Team-based
Weekend 2 — Sunday	Presentation Day	15-minute team presentations to faculty panel	Live event

Note on scheduling: Exact dates are agreed jointly with each approved institution to align with the academic calendar, examination periods and rotation schedules. Sessions are typically held 5:00 PM – 8:00 PM WAT, but this is negotiable per institution and time zone.

Curriculum Integration Options

Institutions may position the programme within any of the following existing academic structures. Our academic liaison team will work with your curriculum committee to select the most appropriate placement for each discipline and level.

INTEGRATION POINT	BEST SUITED FOR
Integrated General Medical Course	Medicine and Dentistry students in pre-clinical and early clinical years
Integrated Paper / Special Study Module	Final-year students across all disciplines requiring an applied project component
Community Health Rotation	Students on community posting where systems-level thinking is already the focus
Public Health Rotation	Public Health, Community Medicine and Health Information Management students

Nursing Practice Rotation	Nursing students during clinical practice or leadership rotations
Clinical Pharmacy Clerkship	Pharmacy students during hospital or clinical attachment
Laboratory Quality Management Unit	Medical Laboratory Science students studying QA/QC and ISO 15189
Professional Development / Elective	Any discipline, as a formally recognised elective or co-curricular credit

The Institutional Capstone Project

The capstone is what distinguishes this programme from conventional short-course training. Students work in supervised teams to identify a real quality, safety or digital transformation gap within their own training institution — the teaching hospital, the clinical skills laboratory, the student health service, the laboratory, the pharmacy, or the wards where they rotate — and design a practical 30-day mini-improvement project to address it.

THE CAPSTONE BRIEF

Identify a current Healthcare Quality, Patient Safety and/or Digital Transformation gap within your training institution. Design a 30-day mini-improvement project to close that gap. Present your analysis, design and projected impact to the faculty panel in 15 minutes.

Capstone Workflow

1

Team Formation

Students are grouped into multidisciplinary teams of 4–6, deliberately mixing disciplines so that a nursing student, a pharmacy student and a medical student examine the same problem from different vantage points.

2

Gap Identification

Each team conducts a structured walkthrough of a selected area within their institution, using the quality and safety frameworks taught in Modules 1 and 2 to surface a specific, measurable, addressable gap.

3

30-Day Improvement Design

Teams design a mini-improvement project scoped to be deliverable in 30 days: a defined aim statement, baseline measure, change idea, PDSA plan, projected outcome measure and stakeholder map.

4

Faculty Mentorship

Each team is assigned a Valdymas Health mentor who reviews the design at the midpoint of the 30-day window and provides written feedback before final presentation.

5

15-Minute Presentation

Teams present live to a panel of Valdymas Health faculty and international panelists, with institutional leadership invited to attend. Presentations are followed by structured Q&A.

6

Rapid Test Cycle (Top 3)



The three highest-scoring teams are recommended to the institution for support to run an actual rapid test-of-change cycle — converting a student exercise into real, measurable institutional improvement.

Presentation Assessment Rubric

All presentations are scored against a standardised rubric by the faculty panel. Scores are moderated across panelists and returned to the institution as part of the closing report.

CRITERION	WEIGHT	WHAT THE PANEL LOOKS FOR
Problem Identification	20%	Is the gap real, specific, measurable and genuinely present in the institution? Is it supported by observation or data rather than assumption?
Analytical Rigour	20%	Correct application of quality and safety frameworks. Sound root cause analysis. Evidence of systems thinking rather than blame.
Design Quality	20%	Is the 30-day project genuinely deliverable? Clear aim statement, baseline, change idea, measures and PDSA structure.
Impact & Feasibility	20%	Would this meaningfully improve patient or student outcomes? Is it realistic within the institution's resources and constraints?
Presentation & Teamwork	20%	Clarity, structure, time discipline, evidence of genuine multidisciplinary collaboration, and quality of response under questioning.

Awards & Recognition

1ST PLACE	2ND PLACE	3RD PLACE
Cash award, Valdymas souvenir pack, Certificate of Elite Proficiency, eBook library access, and institutional recommendation for rapid test implementation.	Cash award, Valdymas souvenir pack, Certificate of Elite Proficiency, eBook library access, and institutional recommendation for rapid test implementation.	Valdymas souvenir pack, Certificate of Elite Proficiency, eBook library access, and institutional recommendation for rapid test implementation.

Every student who completes the full six contact hours, participates actively and contributes to a capstone submission receives a verified virtual Certificate of Completion in Introduction to Healthcare Quality, Patient Safety & Digital Transformation, issued under the authority of Valdymas Health.

What Students Receive

Verified Virtual Certificate

A digitally verifiable Certificate of Completion issued by Valdymas Health, co-branded with the institution, suitable for CV, LinkedIn and postgraduate applications.

Free eBook Library Access

Selected titles from the Valdymas Intelligence library on healthcare quality, patient safety and transformational leadership — awarded to active completers and capstone participants.

Applied Project Experience

A completed, faculty-assessed improvement project design — genuine portfolio evidence that distinguishes graduates in residency, fellowship and employment interviews.

International Faculty Exposure

Direct learning from and presentation to Johns Hopkins-trained faculty practising across the United States, the Caribbean, the Philippines and Africa.

Credential Pathway

A foundation toward globally recognised credentials including CPHQ (Certified Professional in Healthcare Quality) and FISQua fellowship later in their careers.

Awards & Cash Prizes

Cash awards, souvenir packs and Certificates of Elite Proficiency for the top three capstone teams, presented at the institutional closing ceremony.

What the Institution Gains

- **Curriculum enrichment at zero cost** — a fully-resourced, internationally-facilitated module added to existing programmes without budgetary impact.
- **Accreditation evidence** — demonstrable quality and patient safety content in the curriculum, which accreditation bodies increasingly expect.
- **Real institutional improvement** — capstone projects surface genuine gaps in your own facilities, with top teams supported to run actual test cycles.
- **International visibility** — listing on the Valdymas Health Partner Network and inclusion in programme communications and reporting.
- **Formal ceremonial events** — a co-hosted opening or unveiling event and a closing presentation ceremony, both organised jointly with your institution.
- **Annual continuity** — permanent partner status securing training for every successive student intake.

Programme Faculty & Panelists

The programme is led and delivered by a faculty of Johns Hopkins-trained healthcare quality, patient safety and leadership experts practising across four continents. Panelists join for capstone presentation events to assess student work and provide international perspective.

PROGRAMME DIRECTOR & LEAD FACULTY

Dr. Joshua Kolawole

MD · MBA · MSc (Johns Hopkins) · M.Ed. Applied Digital Learning (Lamar University) · CPHQ · FISQua · PMP · Six Sigma Master Black Belt

Dr. Kolawole is an internationally recognised healthcare quality expert, physician leader and educator with over 15 years of experience driving complex improvements across healthcare systems. He is Principal Consultant at Valdymas Intelligence LLC (Mansfield, Texas, USA) and Programme Lead of the Healthcare Quality and Patient Safety Transformation Programme. His Master of Education in Applied Digital Learning from Lamar University underpins the instructional design of this programme — ensuring that virtual delivery is pedagogically sound, learner-centred and genuinely effective at scale, rather than simply lectures moved online. He has a particular passion for leveraging Lean-Agile methodologies and evidence-based practices to achieve measurable results, and is a published author whose works include "Transforming the Impossible" and a library of practitioner titles on quality, safety and transformational leadership.

SPECIALISATION

Healthcare Quality & Patient Safety (MSc, Johns Hopkins Bloomberg School of Public Health) · Applied Digital Learning & Instructional Design (M.Ed., Lamar University) · DrPH in view, George Washington University

MANAGING PARTNER | LEADERSHIP & ORGANIZATIONAL CHANGE EXPERT

Mrs. Dorcas Oluwabukola Kolawole

MSc Organizational Leadership (Johns Hopkins) · MBA · LSSMBB · CSM · CBA · ICAgile Professional

Dorcas Oluwabukola Kolawole is a leadership and organizational change expert whose career spans banking, enterprise operations, technology governance, education and executive leadership. As Managing Partner of Valdymas Intelligence, she brings the discipline of change leadership to the science of quality improvement, helping organisations translate strategy into sustainable behavioural and operational change. She is a Doctoral Candidate in Organization & Management: Leadership, and leads the programme's organisational change and stakeholder engagement content — the component that most often determines whether a student's improvement design survives contact with a real institution.

SPECIALISATION

Leadership & Organizational Change | Healthcare Quality & Patient Safety Transformation · M.Sc. in Organizational Leadership, Johns Hopkins University · Doctoral Candidate, Organization & Management: Leadership

FACULTY & PANELIST

Dr. Beatrice Remy Marseille

DNP · RN · MA · MAS (Johns Hopkins) · MHA (Columbia University)

Dr. Marseille is a healthcare executive, advanced practice nurse and public health advocate with over 20 years of experience in healthcare quality, patient safety and equitable access to care. As Executive Director of Maple Community Care Services, she leads primary care and community-based initiatives. Her career includes leadership roles at Mount Sinai, Good Samaritan Hospital and the James J. Peters VA Medical Center. A published researcher and Valdymas Intelligence faculty member, she brings deep expertise in quality transformation, patient safety culture and systems-level improvement to both teaching sessions and capstone assessment panels.

SPECIALISATION

Healthcare Quality Transformation, Patient Safety Culture, Systems-Level Improvement · DNP and Master of Applied Science in Patient Safety from Johns Hopkins University · Executive Master of Health Administration from Columbia University Mailman School of Public Health

FACULTY & PANELIST

Dr. Maria Concepcion C. Sison

MD · MAS (Johns Hopkins) · FPPS · FPCC · FPSECP

Dr. Sison is a Pediatric Cardiologist and Patient Safety Leader based in Manila, Philippines. She brings extensive international expertise in clinical quality, diagnostic safety, pediatric cardiology and patient safety systems transformation. Her participation gives students direct exposure to how quality and safety principles are applied in a comparable resource-conscious health system outside Africa — broadening the frame of reference for capstone teams and strengthening the international standing of the presentation panel.

SPECIALISATION

Pediatric Cardiology, Patient Safety, Healthcare Quality & Systems Improvement · Master of Applied Science in Patient Safety from Johns Hopkins Bloomberg School of Public Health

A JOHNS HOPKINS-TRAINED PANEL

All four core faculty hold advanced qualifications from Johns Hopkins University in healthcare quality, patient safety or organisational leadership. Students present their capstone work directly to this panel — an assessment experience that few undergraduate health science programmes in Africa can currently offer.

Application Cycles & Process

Applications open three times each year. Institutions apply once; approved institutions are then permanently registered and do not need to reapply in subsequent cycles.

CYCLE	APPLICATION WINDOW	IMPLEMENTATION PERIOD	STATUS
Cycle 1 — 2026	Mon 3 Aug – Fri 28 Aug 2026	September – December 2026	OPEN NOW
Cycle 2 — 2026	Mon 2 Nov – Fri 27 Nov 2026	Q1 2027 (Jan – Mar)	UPCOMING
Cycle 3 — 2027	March 2027 (dates to be confirmed)	Q2 – Q3 2027	PLANNED

Application Process — Six Steps

1

Submit the Institutional Application

An authorised officer — Dean, Provost, Head of Department, Director of Academic Planning or equivalent — completes the online application at health.valdymasintelligence.org/institutions.

2

Eligibility & Capacity Review

Valdymas Health reviews the application against eligibility criteria, confirms accreditation status, and assesses delivery capacity against the requested student numbers and preferred timing.

3

Letter of Acceptance

Successful institutions receive a formal Congratulatory Letter of Acceptance into the Programme, signed by the Programme Director, confirming scholarship allocation and partner status.

4

Curriculum Alignment Meeting

Our academic liaison team meets your curriculum committee or programme coordinator to agree integration points, student levels, disciplines, cohort sizing and the delivery calendar.

5

Opening / Unveiling Event

A joint launch event is organised with the institution to formally unveil the programme to students and faculty, with leadership from both parties participating.

6

Delivery, Capstone & Closing Ceremony



Six contact hours are delivered, capstone teams work through the 30-day window, and the programme concludes with a jointly-hosted final presentation and awards ceremony.

Information Required in the Application

Applicants should have the following available before beginning. The form takes approximately 15 minutes to complete.

INSTITUTIONAL DETAILS

- Full registered institution name
- Country, state/region and city
- Institution type (Federal / State / Private)
- Accreditation body and status
- Official institutional website

PROGRAMME DETAILS

- Disciplines to be enrolled
- Student levels (e.g. 200L, 300L, Final Year)
- Estimated number of students
- Proposed curriculum integration point
- Preferred delivery months and constraints

CONTACT & AUTHORISATION

- Name and title of authorising officer
- Official institutional email address
- Direct phone and WhatsApp number
- Nominated Programme Coordinator
- Coordinator's contact details

SUPPORTING CONFIRMATIONS

- Confirmation of institutional endorsement
- Confirmation of virtual delivery capability
- Willingness to host opening and closing events
- Agreement to attendance verification
- Optional: brief statement of institutional need

Selection Criteria

Applications are assessed on institutional readiness rather than prestige. A small private college with a committed coordinator and a clear integration plan will be prioritised over a large institution with a vague submission.

- 1. Clarity of curriculum integration plan** — a specific, named course or rotation carries far more weight than a general expression of interest.
- 2. Institutional commitment** — evidence of endorsement at Dean, Provost or Head of Department level.
- 3. Named coordinator** — a specific individual accountable for liaison, scheduling and attendance verification.
- 4. Delivery feasibility** — realistic student numbers and demonstrable capacity for virtual participation.
- 5. Multidisciplinary reach** — applications covering several health disciplines are prioritised, as the capstone depends on multidisciplinary teams.

Frequently Asked Questions

Is there really no cost to the institution or to students?

Correct. Valdymas Health assumes the full US\$150 per-student training and certification cost as a scholarship. There is no application fee, no institutional fee and no student fee. The institution's contribution is administrative and academic — a coordinator, curriculum placement, and attendance verification.

How many students can we enrol?

There is no fixed cap. Institutions have enrolled anywhere from a single discipline cohort to an entire year group across all health science faculties. Very large enrolments are scheduled across multiple delivery waves so that session quality and capstone mentorship are not diluted.

Are the sessions live or pre-recorded?

All six contact hours are delivered live and virtually by Valdymas Health faculty, with real-time interaction and Q&A. Recordings may be made available to enrolled students for revision, but attendance at the live sessions is what counts toward certification.

What if our academic calendar does not permit weekend sessions?

The two-weekend structure is our default because it protects weekday teaching, but timing is negotiated per institution. Some partners run the six hours across two weekday evenings, and some split across a longer interval. The requirement is six live contact hours in two three-hour blocks, not a specific day of the week.

Do students need to be in clinical years?

No. The programme is open from 200 Level through Final Year. Experience from earlier cohorts demonstrated that pre-clinical and early-year students consistently produce intelligent, high-impact improvement ideas — often precisely because they observe institutional processes with fresh eyes.

How is the certificate verified?

Each certificate is issued digitally with a unique verification reference tied to the student's name, institution, discipline and completion date, and is validated through the Valdymas Health verification portal. Certificates are co-branded with the institution where the institution wishes.

What happens to the top three capstone projects?

They are formally recommended to institutional leadership for support to run a real rapid test-of-change cycle. This is optional for the institution, but it is where the programme delivers its greatest institutional return — converting a student exercise into measurable improvement in your own facilities.

Does approval expire?

No. Once approved, an institution retains permanent partner status and is automatically eligible for annual delivery to each successive intake, without re-entering the competitive application cycle.

APPLY NOW

Cycle 1 Closes Friday 28 August 2026

health.valdymasintelligence.org/institutions

Bring world-class healthcare quality, patient safety and digital transformation training to every student in your institution — fully funded, curriculum-integrated, and renewed annually.

PROGRAMME OFFICE

Valdymas Health

A division of Valdymas Intelligence LLC
Mansfield, Texas, United States

PROGRAMME DIRECTOR

Dr. Joshua Kolawole

MD, MBA, MASc, M.Ed., CPHQ, FISQa, PMP
health.valdymasintelligence.org

Together, let's build a safer, smarter, and higher quality healthcare system.