

A photograph of a medical professional, likely a nurse or doctor, wearing teal scrubs and a stethoscope. Their hands are clasped together on a white desk. A smartwatch is visible on their left wrist, and a stethoscope is draped around their neck. The background is slightly blurred, showing a clinical setting.

Explore Your Future in Medicine

InGenius Prep offers two premier pathways for students to transition from classroom theory to real-world medical practice. Whether you join us for an **immersive residency** or a **virtual discovery lab**, you are building a profile that stands out to top-tier universities.

Exceptional student work from both programs will be **selected for feature** on an **international healthcare innovation platform**. This prestigious recognition provides a significant boost to your medical profile, showcasing your expertise and dedication to a global audience.

Option 1: **Clinical Practice & Hospital Residency** (*Onsite*)

Location: Private Hospital in Shanghai

Overview: A 5-day intensive program (plus online sessions) designed to give students a realistic look at life as a clinician.

- **Clinical Rotations & Access:** Experience daily life as a healthcare professional through departmental rotations and rounding.
 - Gain unprecedented access to hospital operations, including visits to the Operating Room (OR) and medical imaging departments (X-ray, ultrasound, CT).
- **Skill-Building Workshops:** Participate in hands-on medical simulations, such as suturing practice on artificial skin.
 - Engage in specialized workshops covering gastroenterology (endoscopy and polyp removal simulation), psychiatry, and traditional Chinese medicine (TCM).
 - Receive first-aid training and participate in emergency room simulations.
- **Mentorship & Networking:** Daily "Physician Lunches" cover topics like the physician's journey, career paths, and hospital management.
 - Connect with industry leaders during a roundtable discussion on the future of medicine or a lunch with hospital founders.
- **The Business of Medicine:** Attend a "Healthcare Business and Innovation Bootcamp" exploring the global industry landscape and MedTech ecosystems.
 - Participate in daily Harkness-style debriefs on topics like healthcare data analytics, medical technology commercialization, and entrepreneurship.
- **Deliverables:** The program concludes with online reflection and writing sessions to help students articulate their experiences for future applications.



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Option 1: **Clinical Practice & Hospital Residency** *(Onsite)* *SAMPLE SCHEDULE*

	ACTIVITY	LOCATION
Day 0	Healthcare business and innovation bootcamp <ul style="list-style-type: none"> Healthcare industry landscape and key global business models Digital health & MedTech startup ecosystem Shanghai healthcare ecosystem 	Online (2-3 hrs)
Day 1	Arrival and orientation / safety briefing / ice breaker Physician lunch: introduction to hospital operations and management Hospital tour First aid training and emergency room simulation Daily debriefing topic: Hospital as a business	Hospital
Day 2	Department rotation / rounding Physician lunch: a physician's journey and career path Surgery presentation Suturing practice workshop (artificial skin) Operation room (OR) visit Daily debriefing topic: Healthcare data & analytics	Hospital
Day 3	Medical imaging visit (X-ray, ultrasound, CT, etc) AI-medicine workshop and proprietary AI doctor demo Lunch: roundtable discussion – future of medicine Department rotation: nursing excellence and its crucial role Daily debriefing topic: Medical technology commercialization	Satellite clinic
Day 4	Physical therapy / chiropractic / TCM workshop Physician lunch: (topic & specialization TBD) Gastroenterology procedural workshop - endoscopy and polyp removal Extended Harkness daily debrief session Daily debriefing topic: Healthcare services innovation	Satellite clinic
Day 5	Department rotation / rounding Founders Lunch: lunch with one of the hospital's founders (TBC) Psychiatry workshop: MBTI, pseudo science or valid Program completion: celebration and debrief Daily debriefing topic: Entrepreneurship workshop	Satellite clinic
Reflection Writing	Session 1: Experience articulation Session 2: Refinement, future career considerations	Online 2 sessions



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Option 2: **Pre-Med Discovery & Clinical Design Lab** (*Virtual*)

Location: Online

Overview: A comprehensive 16-session curriculum that blends medical theory with a professional-grade innovation project.

- **Phase 1: Healthcare Foundations:**
 - Analyze global healthcare systems and the daily realities of life as a doctor.
 - Develop "Case Thinking" skills by exploring real clinical case studies.
- **Phase 2: The Mini Capsule Capstone:**
 - Problem Framing: Use Design Thinking to map problem spaces and define a "How Might We" statement.
 - Independent Research: Conduct deep-dive research into a specific medical challenge.
 - Solution Prototyping: Brainstorm 8–12 solution concepts (products, services, or systems) and develop a draft prototype or storyboard.
- **Professional Review & Presentation:**
 - Receive a "reality check" and actionable feedback on your solution from a Medical Mentor.
 - Present your final project during a formal presentation event.
 - Conclude with an "Ask-the-Doctor" career Q&A session.
- **Potential Project Categories:** Patient Experience Improvement, Chronic Disease Support, Rehabilitation/Post-Injury Support, Oncology Patient Navigation, or Assistive Device Concepts.



Explore Your Future in Medicine

Option 2: **Pre-Med Discovery & Clinical Design Lab** (Virtual) *SAMPLE SCHEDULE*

SESSIONS	MILESTONE	OUTCOME & DELIVERABLE
1-4	Foundations	Comparison of global systems and clinical case exploration
5-6	Problem-Mapping	Ideation kickoff and finalizing a "How Might We" statement
7-9	Research Phase	Research planning, task allocation, and share-out of findings
10-11	Solution Design	Brainstorming 8-12 concepts and selecting a final direction
12-13	Development	Creating draft prototypes, storyboards, and concept models
14	Drafting	Building the draft slide deck for internal review
15	Mentor Review	Rehearsal with medical mentor for reality-check feedback
16	Final Presentation	Presentation event, career Q&A, and reflection

Capstone Project Examples

- Patient Experience / Clinic Improvement
- Chronic Disease Support (Case Anchored)
- Rehabilitation / Post-Injury Support
- Oncology Patient Navigation
- New Clinic Concept (Innovation + Business)
- Preventive Health Campaign
- Assistive Device Concept

Student Testimonials

- On Career Clarity:

"I've always been on the fence... I wanted to see the reality of medicine — the highs and the lows — and I certainly did... The hospital environment had grown on me."

— Mark, G12 Student

- On Soft Skills:

"The medicine program has been an extremely enriching experience... providing opportunities to associate with professional individuals of the medicine community."

— Sophia, G11

- On Resilience:

"I didn't expect humor in a place so steeped in stress... their humor wasn't just coping; it was a quiet defiance against burnout."

— Xavier, G12 Student

- On Physical Demands:

"I didn't realize how much core strength doctors, surgeons or otherwise, need! I'm now both sure about this as my future field."

— Bella, G10

- On Long-term Impact:

"Programs provided invaluable, industry-based experiences while offering practical, real-world applications and soft skills development that far exceeded the scope of textbook learning."

— Ashley, Pre-med

Our Leadership Team



Joel Butterly
Co-Founder and CEO JD, Yale
BA, Dartmouth

Joel attended Dartmouth College, where he graduated Summa Cum Laude. Shortly after, Joel attended Yale Law School. Joel has been featured in Forbes, Business Insider, Business Collective, Inc., and numerous other outlets for his expertise on education, leadership, management, and entrepreneurship. Joel believes firmly that the foundation for a successful life is a great education.

Joel's educational philosophy has always placed an emphasis on helping students identify their core competencies and passions, and guiding them to develop those passions as far as possible. This approach has become a central feature of InGenius Prep's programs, and has helped thousands of students achieve their higher education dreams. He lives with his wife, Emily, who teaches at Yale University and received her PhD in Medieval History, and his two young children.



Yosepha Greenfield
Co-Founder and COO
BA, Yale

Yosepha graduated from Yale University, where she was a Political Science major and captain of the Yale Women's Basketball team. She has received national recognition for her athletic achievements, including winning six national championships in Tae Kwon Do.

Throughout her career, she has dedicated herself to helping others fully recognize their own potential. She has served as a role model and mentor for hundreds of young people, and believes strongly in leading by example. She carries this approach to her work at InGenius Prep—being primarily responsible for company culture, management, and strengthening the InGenius Prep brand. Yosepha lives with her husband, Marcus, who graduated from Harvard Business School (after using InGenius Prep's services to get admitted!) and works in private equity, and her son Will.