# UC Davis Pathology and Laboratory Medicine

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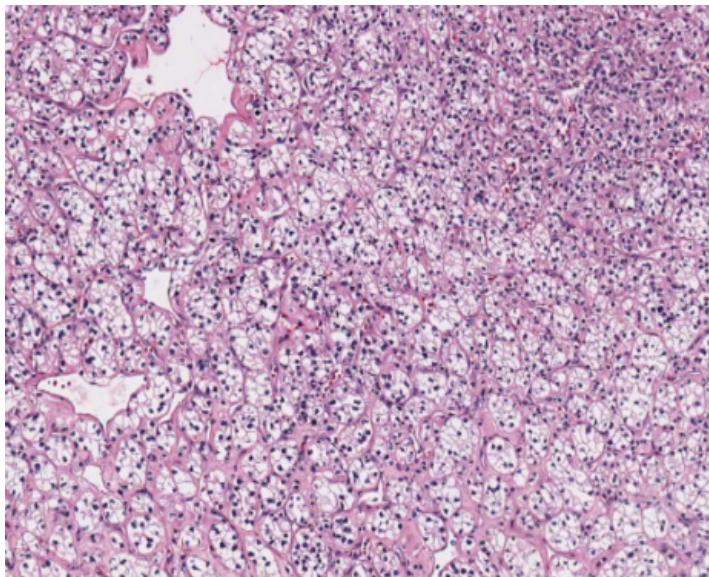
Training in Health Informatics
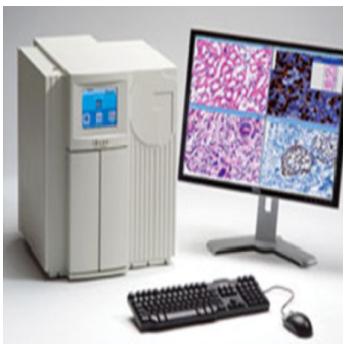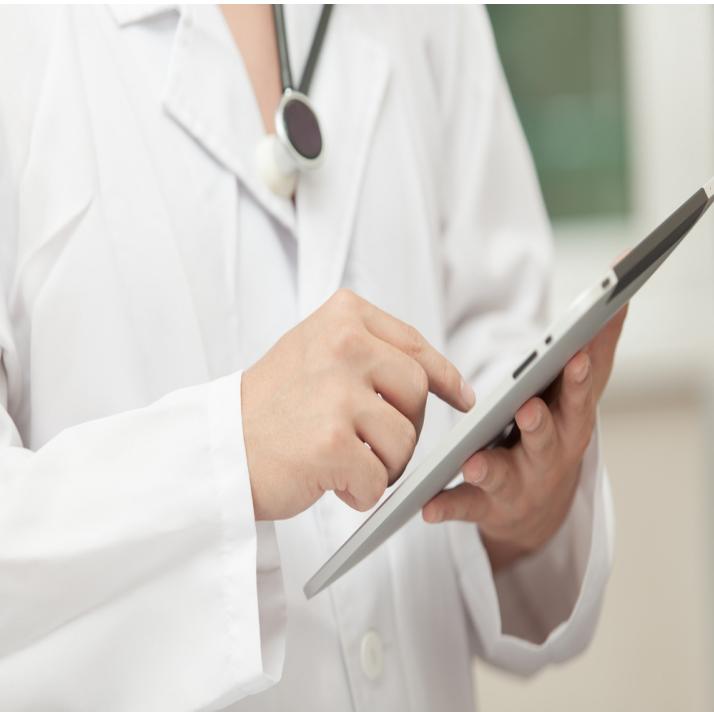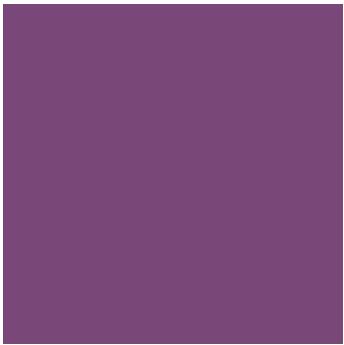
The Program
Health Informatics and Pathology

Health informatics is an emerging field of study that focuses on optimizing the capture, management, and delivery of information in the clinical environment. Pathologists often play a key role in the acquisition, management, and delivery of clinical information.

The UC Davis Department of Pathology and Laboratory Medicine is pleased to offer fellows in training the opportunity to undertake additional training in health informatics through the UC Davis Extension online certificate course in Health Informatics.

This program is intended to be supplemental training for those pathologists who are pursuing fellowship training.

The program consists of 19-units of online instruction conducted by the UC Davis

Extension in collaboration with the Health Informatics Graduate Program. A certificate in Health Informatics is earned upon the successful completion of six (6) courses; four (4) required and (2) electives.

Course topics range from electronic health record systems to clinical decision support and telemedicine. The program offering is broad ranging and will afford the trainee in-depth knowledge of key areas in health informatics.

NOTE: This is **not** a clinical informatics fellowship and **does not** satisfy the board eligibility requirements for board certification in clinical informatics

Health Informatics Training

Program Details:

The UC Davis Department of Pathology and Laboratory Medicine currently offers **pathology fellows** additional health informatics training through an online-only course offered by the UC Davis Extension. The Department of Pathology and Laboratory Medicine makes available up to two (2) scholarships that fully cover tuition for pathology fellows who would like to pursue health informatics training in addition to their pathology specialty fellowship.

The health informatics training is offered as the UC Davis Extension's fully online, interactive health informatics certificate program in which students engage with expert faculty and peers in a broad array of health informatics topics related to the design, integration, implementation, and evaluation of clinical information systems. The program was developed in partnership with the UC Davis Health Informatics graduate program.

Frequently Asked Questions:

Who is eligible?

Anyone who is undertaking a pathology fellowship in the Department.

What is the cost of the program?

The ~$7,200 tuition for the 19-unit program is covered by the Department. Fellows pay for textbooks or other materials required by the class

How long will it take to complete the program?

We expect fellows to take two classes per quarter, allowing them to complete the program in one year or less.

Is this a clinical informatics fellowship?

No, this is not a clinical informatics fellowship and **does not** satisfy the requirements for board certification in clinical informatics.

Certificate Programs

Discover the Power of UC — UC DAVIS EXTENSION

Gain practical knowledge that matters

- Develop your knowledge of clinical data standards, terminological systems, interoperability and data exchange, data security and privacy.
- Understand clinical workflows, medical decision making, and the application of decision support as a supplement to clinical judgment.
- Acquire hands-on practice conceptualizing data models, workflows and decision support tools through guided projects and assignments.
- Gain insights into the change management principles necessary for successful technology adoption at the organizational and systems levels.
- Learn best practices in project management and their application to health information technology initiatives.

Quarterly schedule of courses

		UNITS	F	W	SP	SU
REQUIRED COURSES	Introduction to Health Informatics	4	▲	▲	▲	▲
	Clinical Data and Electronic Health Records	3		▲		▲
	Health Information Systems Analysis and Design	3	▲		▲	
	Clinical Decision Support	3		▲		▲
ELECTIVE COURSES	Public Health Informatics	3		▲		
	Consumer Health Informatics	3	▲		▲	
	Telemedicine	4				▲
	Computer Security and Privacy in Health Care	3	▲		▲	
	Interoperability and Health Information Exchange	3		▲		▲

F=Fall W=Winter SP=Spring SU=Summer; Schedules subject to change
▲ Online Learning format

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Health Informatics Training

Where can I read about the courses?

Curriculum and course information is available from the UC Davis Extension website:

http://www.extension.ucdavis.edu

For more information or to apply:

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