

# Faculty Showcase 'o6

Sponsored by Academic Technology at Simmons College



## Clinical Genetics Online



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### Project Overview

In response to the growing need to provide genetic information to health professions practitioners, we created a Certificate in Clinical Genetics program. This project, supported by a grant from the Gruss-Lipper Foundation, necessitated the development of five online courses. This task was accomplished by careful integration of faculty from Simmons College and Brandeis University, as well as tremendous technical support and instructional design expertise from both institutions. The first group of students began in September 2005 with the “Fundamentals in Human Genetics” course. This course will be shown as a model to illustrate creative and thoughtful ways to use the features of WebCT Vista to create a learning environment.

### Goals

- Develop a fully online certificate program in clinical genetics
- Use WebCT Vista features to create a learning community
- Explore creative means of “communicating” and “connecting” with students in the online learning environment

### Applications Beyond

Faculty teaching online courses have the opportunity to see how an online course developed with the Brandeis Rabb School template as a basis is taught. Faculty teaching face-to-face courses can see how online learning activities can be used to sustain learning between lectures, foster communication between faculty and students, and create a learning community that enriches lecture content.

Title	Messages
Overall Course Topics	
Announcements	50 Messages ( 50 New )
Socialize	12 Messages ( 12 New )
Week 13 Topics	
Week 13 Questions/Comments	
Week 13 Topic 1: Genetics Review	
Week 13 Topic 2: Biochemical Genetics	
Week 11 and 12 Topics	
Week 11 and 12 Questions/Comments	
Week 11 and 12 Topic: Chromosomal Abnormalities	
Week 10 Topics	
Week 10 Questions/Comments	
Week 10 Topic 1: Exploring the Human Genome	
Week 10 Topic 2: Human Genome Readings	
Week 9 Topics	
Week 9 Questions/Comments	
Week 9 Topic: Mapping	
Week 9 Topic: Optional Posts	

  

Subject	Messages	Author	Date
PKU (New)	2 ( 2 Unread )	Shutske, Krysta	September 17, 2005
Re:PKU (New)		Gottlieb, Jeanne	September 20, 2005
Galactosemia (New)	4 ( 4 Unread )	Gottlieb, Jeanne	September 17, 2005
Re:Galactosemia (New)		Volkman, Sarah K.	September 17, 2005
Re:Galactosemia (New)		Gottlieb, Jeanne	September 19, 2005
Re:Galactosemia (New)		Volkman, Sarah K.	September 19, 2005
Congenital Hypothyroidism (New)	3 ( 3 Unread )	Roche, Constance	September 17, 2005
Re:Congenital Hypothyroidism (New)		Gottlieb, Jeanne	September 19, 2005
Re:Congenital Hypothyroidism (New)		Shutske, Krysta	September 19, 2005
Homocystinuria (New)		Nadel, Hivam	September 18, 2005
Galactosemia (New)		Gottlieb, Jeanne	September 19, 2005
CF screening (New)	4 ( 4 Unread )	Roche, Constance	September 19, 2005
Re:CF screening (New)		Gottlieb, Jeanne	September 20, 2005
Re:CF screening/Newborn screening (New)		Nadel, Hivam	September 21, 2005
Re:CF screening (New)		Nadel, Hivam	September 21, 2005