S644 / I635: Consumer Health Informatics

WELCOME AND OVERVIEW

_____

PLEASE REVIEW THE AUDIO NARRATED INTRODUCTION AND WELCOME THAT CORRESPOND TO THIS DOCUMENT:
http://www.iupui.edu/~slisschi/CHI%20Welcome%20audio/

Welcome!

Welcome to S644 - I635 Consumer Health Informatics!

My name is **Dr. Katherine Schilling**, and I am your instructor this semester.

Throughout the semester, **Dr. Anna McDaniel**, from the School of Nursing, will be a frequent guest speaker.

Course participants are librarians, information scientists, and nurses and healthcare professionals -- some class participants have healthcare backgrounds, and others are students and experts in many other fields of the information sciences.

We have a rich and diverse group of participants this semester! Please share your expertise with classmates. Healthcare professionals can explain medical topics and patient care. Librarians and information scientists can share expertise in organizing, building and managing resources.

Before jumping into course content, please read the introductory materials below.

I am available to provide guidance and feedback, so e-mail me through Oncourse MESSAGES or at katschil@iupui.edu or phone me at 317-278-2372 (office) or 317-681-9847 (cell) any time with questions or comments.

I'm looking forward to a great semester!
_____

How to Approach the Course: Getting Started

Go to Oncourse: http://oncourse.iu.edu and find our course site: we're a combined course, so the original S644/I635 is now a merged course with a number something like: IN SP11 SLIS S644 Cxxxxx: The COMBINED course site is the one to use!

Our course is organized into weekly themes around important topics in consumer health informatics. For each week's theme, you complete independent learning activities and readings, and then talk with classmates in the weekly discussion forum. Weekly activities provide opportunities for you to explore the issues and challenges of consumer health informatics, investigate current topics in the field, work with web-based information resources, and think critically about professionals' roles and responsibilities.

Each week runs from Monday morning through Saturday midnight (your time zone).

We do the bulk of our communication -- talking -- through weekly discussion FORUMS, which take place (at times that are convenient for you) in Oncourse.

So, the process for our course is:

1. Go to the weekly schedule
2. Overview our weekly "Goals & Objectives"
3. Read the "Introduction"
4. Read and complete "Readings & Activities"
5. Read and complete "Discussion Forums"

I recommend that you aim for completing readings and learning activities early-on each week. This will give you time to think about what you've learned, and participate in our weekly discussion.

Again, our weeks run from Monday through Saturday. Each weekly forum officially closes on Saturday midnight (your time zone).

About Online Learning

Because this is an asynchronous online class, there are no specific class times during which everyone meets. Not everyone is online at the same time.

Asynchronous, online learning requires a great deal of time and commitment: self-motivation, self-discipline, and a conscientious approach to learning and sharing.

S644/I635 CHI is student-focused and student-driven – you are primarily responsible for your own learning, making use of the huge 'buffet' of knowledge that's available through this course.

Focus your learning on interacting with each other and with the information gleaned from readings, activities and discussions. This requires that you analyze and organize the information gathered from the readings and activities, and tie-in what you have learned from your professional experience and education. Identify what you need to know, find out, teach others, and apply the new knowledge. To a large extent, you can set your own pace and select

from among readings that are interesting and relevant to you.

However, to facilitate timely discussion of topics, I have arranged the modules by weeks. Please plan accordingly if you will need to be away from the discussion forum for an extended period. Read ahead and complete all required independent activities, regardless of whether you participate in the team discussion forum.

Because the class is based on principles of collaborative learning, not only will you be at a disadvantage if you fall behind or fail to participate meaningfully, but your absence from the conversation will affect your classmates' learning as well.

The general formula for workload in graduate courses dictates that each student should expect to invest 12-15 hours on course work each week, on average. Keep in mind that online courses require different time-management options than do traditional, face-to-face courses. Crafting written opinions, ideas and responses, and keeping up with readings can be time consuming.

Online Attendance

It is expected that students will participate fully in all weekly activities and discussions. Please notify the instructor and any team members with whom you are working if you are unable to participate.

The overall participation grade is taken from the highest 11 weekly discussion forum scores.

Texts and Readings

In some cases, our readings are the groundbreaking literature in the field; and remember: CHI is an emerging field. In other cases, the reading has been selected to represent a current trend, issue or challenge in CHI. Readings are also deliberately selected to ground your knowledge in the learning goals and objectives/outcomes for the course, and for each weekly discussion topic and theme.

Readings are available in Oncourse.

Readings can also be purchased from IUPUI book stores via phone by calling (1-800-446-2670). (Have your credit card number ready.) Online orders are available via http://bookstore.iupui.edu   Texts are also available through amazon.com or your local book sellers.

Lewis D. Eysenbach G. Kukafka R. Stavri PZ. Jimison H. Consumer Health Informatics. New York: Springer. 2005.
038723991X (alk. paper) 9780387239910 (alk. paper)

Nielsen-Bohlman L. Panzer AM. Kindig DA. Health Literacy: A Prescription to End Confusion. Washington DC; National Academies Press. 2004.
ISBN: 0309091179 or 9780309091176

Nelson R. Ball MJ. Consumer Informatics: Applications and Strategies in Cyber Health Care. New York: Springer. 2004.

ISBN: 0387404147 (alk. paper) 9780387404141 (alk. paper)

Other Required Readings:

Other required readings are available in the Oncourse RESOURCES link, in the Readings folder. If a reading is not there, then you are not responsible for it!

Required Electronic Resources and Technology Applications

Students are responsible for making all necessary provisions for accessing the print and electronic resources used in class.

To access e-journals or bibliographic databases from off-campus computers, you will need remote access to IU's computer servers. This generally requires that you download and install IU's VPN client onto your home computer for remote access to restricted resources. Details and downloadable software are available on the Web at:
http://uits.iupui.edu/scripts/ose.cgi?ajrq.ose.help

Please be aware that dial-up connections are generally inadequate for full participation in online courses.

Excellent technical assistance is available from the following:

Knowledge Base Online Q & A:	http://kb.iu.edu
ITHelp Live:	https://ithelplive.iu.edu/
Phone support:	317-274-4357, 24 hours a day, 7 days a week
Email:	ithelp@iu.edu

Netiquette, Language, Grammar, Rules for Online Discussions

Please follow common conventions of Internet etiquette.

In class discussion forums, please DO NOT post content that is unrelated to the weekly discussion.

THIS IS THE EQUIVALENT YELLING, BY THE WAY... Please don't yell. Use standard conventions of formal writing in your coursework, implementing correct grammar, punctuation, and usage.

DO NOT conduct private conversations in the weekly discussion forums. Private discussions or private messages should be held via your private email addresses.

Everything that you post in the weekly discussion forum should be meant for ALL of your classmates. If you are writing to or responding to an individual person, this is considered a private conversation and should be done via private email.

Privacy & Confidentiality

Although access to course materials is restricted to registered students, administrators and invited guests, please be particularly conscientious about privacy. Do not post anything that you would not post in a public forum. Be mindful of the potentially confidential nature of class discussions. Do not share discussion forum coursework with family or friends. Use your best professional judgment and discretion.

Respect: Be respectful of classmates. Our rich and diverse backgrounds and life experiences provide the opportunities for lively discussions from multiple points-of-view. Mutual respect is a key component of trust in this online atmosphere.

Course Organization

The course is organized into broad topical modules A - D, with a distinct topic covered each week:

Module A: Consumer Health Informatics (CHI) Learning Community	
Week 1	Introduction to the Course and Getting Acquainted
Module B: Setting the Stage -- Background and Significance of Consumer Health Informatics	
Week 2	CHI Overview
Week 3	New Media Communications and Changing Healthcare Relationships
Week 4	Health Policy and CHI
Week 5	Public Health and Consumer Uses of Health Information
Module C: Telemedicine Tools	
Week 6	Telehealth and the Web
Week 7	Evaluating Consumer Health Informatics Applications
Week 8	Design, Development and Usability of Consumer Health Applications
Week 9	Knowledge Representation and Controlled Vocabularies
Module D: Challenges and Issues in CHI	
Week 10	The Digital Divide
Week 11	The Law in Consumer Health: Ethics, Privacy and Confidentiality
Week 12	The Patient Record and Online Health Information Security
Back around to Module A: Consumer Health Informatics (CHI) Learning Community	
Week 13	The Future of Consumer Health Informatics

Every week, course content and activities are organized into broad categories.
These categories correspond with the weekly course menu options that you see in Oncourse:

- Goals & Objectives
- Introduction
- Readings & Activities
- Discussion Forums

ITEM	HOW TO APPROACH IT	COMPLETE BY
Goals & Objectives	Read first and think about as you complete the readings, activities, and form your posting.	
Introduction	Read the topical introduction and mini-lecture. Make note of framing questions in *italics*.	Early-on in the week
Readings & Learning Activities	Keep in-mind each week's goals, objectives, and framing questions as you complete the readings and activities.	Complete readings and learning activities early-on each week.
Discussion forums	Ground your comments in our framing questions and in the readings and activities.	Engage in the discussion throughout the week.

Discussion forum closes each Saturday midnight (your time zone.) |

Introduction

Every week, I will post a brief introduction and/or mini-lecture on the week's topic.

In some cases, guest lectures are posted. Many lectures are presented by Dr. Anna McDaniel, an Associate Dean for Research at the prestigious IU School of Nursing.

Participation is always much richer if you read all assigned materials before participating in the weekly discussions. Strive to scan the current literature, be informed about related events and issues, and share newsworthy information with classmates.

Readings and Activities

Textbook readings and articles serve as background for class discussions and activities.
Lists of required readings are posted in the Oncourse SYLLABUS and in the weekly topical overviews.

Journal articles are available in Oncourse RESOURCES, in each of the weekly folders.

In addition to reading from posted lists, excellent participation also explores outside readings and recommends new readings to classmates.

It is expected that each student will complete all of the learning activities or each weekly topic and talk about these activities in the weekly discussion forums.

<u>Discussion Forum Participation</u>

- Each student is responsible for engaging regularly in our weekly discussion forums. These discussions are our primary means of communication, so you should all spend considerable time there engaging with classmates. Our weekly discussion forums are in the Oncourse FORUMS menu link.

- Each individual should contribute throughout the week

In order to generate discussion and critical thought throughout the course, each person must participate in the weekly discussion forums. Your final participation grade is taken from the top ten weekly scores. This gives you flexibility on weeks during which you are particularly busy with other courses, work, family life, personal issues, traveling, etc.

IMPORTANT: Because we have more than 20 students in class, I've divided the class into multiple, distinct discussion groups. You will only see the forums for your own discussion team. This means that instead of reading 200 postings each week from 30 students, you will read 15 - 45 postings each week, from approximately 7 - 10 students.

Everyone should do the readings and activities, and then jump into the forum with your own response, idea or question when something strikes you as particularly interesting. It is expected that the forum postings generate lively debate and conversation by responding to one another and building on one another's comments.

Excellent postings should contribute a new idea; introduce a related concept; either narrow or broaden the discussion in some way; or extend and develop the discussion.

Your weekly postings should demonstrate that you have read and engaged in the material: explore points or issues that emerge from the readings, share your opinions, and back-up your opinions with literature or experience.

SEE PARTICIPATION REQUIREMENTS IN ONCOURSE ASSIGNMENTS FOR MORE DETAILS.

Weekly Discussion Leaders

The role of weekly Discussion Leader is assigned to rotate among class participants. You'll email me your choices, then I'll post a master list.

SEE WEEKLY DISCUSSION LEADER REQUIREMENTS IN ONCOURSE ASSIGNMENTS FOR MORE DETAILS.

Each week, the discussion leader will:

1.) <u>Moderate the discussion</u>, post comments and responses to others' comments, direct and facilitate the conversation, generate questions and advance the conversation

4.) At the conclusion of the week, organize the facts and knowledge related to the

problem/issue/topic, and summarizes the topic.

SEE DISCUSSION LEADER ASSIGNMENT for more details.

Assignments

You will complete several graded assignments this semester. Assignments are designed to meet course and weekly learning goals and objectives.   Readings, activities and written lectures serve as the background for graded projects. Additionally, graded projects are completed in-sequence, and build upon one another to provide multiple learning opportunities.

Assignment details and due dates are posted in Oncourse ASSIGNMENTS.

General Assignment Rules:

- **Page limits:** Page requirements are specified when applicable. If there is no indication of page number, there are no length requirements.

- **Submit assignments to:** your Pncourse DROP BOX on or before midnight on the specified date

- **Style:** Use APA or any other style of your choice for citations AND formatting. You MUST apply all style guidelines to the entire document.

- They syllabus is always the official and final word on all **due dates**.

- **Late assignments** are docked 5% penalty unless preapproved by instructor.

_____

After a couple of weeks, we should be comfortable with the process and things should roll along nicely. Please let me know as you have specific questions or comments that are not addressed here. Send email through Oncourse MESSAGES or to katschil@iupui.edu. You can also feel free to call me at 317-278-2372 (office) or 317-681-9847 (cell) at any time.

PLEASE REVIEW THE AUDIO NARRATED INTRODUCTION AND WELCOME THAT CORRESPOND TO THIS DOCUMENT:
http://www.iupui.edu/~slisschi/CHI%20Welcome%20audio/

I'm looking forward to getting to know you this semester!

Dr. Katherine Schilling
Kathy