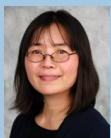


Faculty

William Yasnoff, MD, PhD is Director of the CICATS Division of Biomedical Informatics at UConn Health, Adjunct Professor at Johns Hopkins, a nationally recognized health informatics consultant, and a Fellow of the American College of Medical Informatics. He initiated and organized the activities at the US Department of Health and Human Services leading to the establishment of the Office of the National Coordinator for Health IT in 2004. Earlier, he developed and implemented the nation's first state immunization registry. He earned his PhD in computer science and MD from Northwestern University.



Xiaoyan Wang, PhD is an Asst. Professor at UConn Health. Her primary research areas include electronic health records (EHRs), natural language processing (NLP), text mining, clinical data integration analysis and knowledge discovery from big data. Dr. Wang developed the first framework of quantitative pharmacovigilance using NLP, informatics and statistics on EHRs to detect novel adverse drug events. She received her doctorate in biomedical informatics at Columbia University.



Fei Wang, PhD is a member of the research staff in the Healthcare Analytics Group at IBM's TJ Watson Research Center. He has published over 100 papers in the data mining and analytics fields. His research interests are in data mining, machine learning algorithms and their applications in health informatics. Dr. Wang's work on patient similarity evaluation with EHRs has been the fundamental technique for the IBM's first healthcare software product — IBM Patient Care and Insights. He earned his PhD degree in Automation from Tsinghua University.



Matthew J. Cook, MPH, MBI Cand. is a University Director of Research IT and Informatics within the Office of the CIO and Director of Education and Outreach for the Center for Quantitative Medicine (CQM) at UConn Health. He earned his MPH degree at UConn. He will also earn a masters degree in biomedical informatics from Oregon Health & Sciences University in June.



Michael Blechner, MD is an informatician and Asst. Professor of Pathology and Laboratory Medicine at the UConn Health. He earned his medical degree at Dartmouth Medical School, completed his residency at Hartford Hospital and a two-year fellowship in medical informatics at Brigham and Women's Hospital, Harvard Medical School and MIT. Dr. Blechner currently serves as the director of Pathology Informatics and Transfusion Medicine at the UConn Health, conducts research in clinical informatics, and teaches informatics in the medical school.



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Health Informatics Short Course

INFORMATICS & DATA ANALYTICS FOR CLINICAL & TRANSLATIONAL RESEARCH

UConn
HEALTH CENTER

Thursday, June 26, 2014
1:00 PM — 5:00 PM

Course Location:
Center for Quantitative Medicine
UConn Health
195 Farmington Avenue, Suite 210
Farmington, Connecticut 06032

Course Description

Data is growing in healthcare and rapidly accumulating clinical information can improve patient care and support knowledge discovery. Eighty percent of clinically relevant data is currently unused, however. To fully harness the potential of clinical information, informatics is needed to enable comparative effectiveness and translational research. Such research requires electronic health record derived structured data linked with supplemental sources to provide patient-level information that can be aggregated and analyzed to support hypothesis generation, comparative assessment, and personalized care.

This intensive short course examines the unique characteristics of clinical and life sciences data including the analytic principles, methods and tools for translating health data and information into actionable knowledge for improved health care.

Learning Objectives

At the end of the course, participants will be able to:

Identify and characterize different types of medical data and coding standards.

Describe informatics frameworks and tools that enable clinical researchers to use existing clinical data for clinical and translational research.

Discuss the principles and applications of data analytical methods (i.e. information retrieval, natural language processing, and big data/text mining).

Develop foundational concepts of clinical data analysis and analytical thinking that are instrumental in solving problems in translational research.

Who should attend?

This short course is aimed at junior and senior researchers, faculty, postdoctoral fellows, graduate students, research assistants and associates, and clinicians who conduct clinical or translational research or who are interested in health informatics.

Course Sponsorship

The course is presented and cosponsored by the Center for Quantitative Medicine and the CICATS Division of Biomedical Informatics.

Registration

To ensure individualized attention, space is limited to 15 participants on a first-come, first-served basis. Save money and register early to guarantee your seat with our early bird rates. If you wish to pay by Visa®, MasterCard® or Discover® card, you may register by calling UConn Link at 860-679-7692 or 1-800-535-6232, otherwise mail your completed registration with a check made payable to the "UConn Health" to the address listed on the registration form. UConn departments may also pay by submitting a transfer voucher. Advanced registration only. No onsite walk-in registrations will be allowed.

Confirmations

All registrations are confirmed in writing prior to the event. If you don't receive a confirmation, call 860-679-3075.

Conference Attire

Business casual attire is suggested. Since meeting room temperatures and personal comfort levels vary, it is recommended that you dress in layers and bring a sweater or jacket.

Directions to 195 Farmington Avenue

From I-84 East or West, Take Exit 39 (if coming from I-84 West, Exit 39 is after 39A). Turn right at the first traffic light onto Route 4 East (Farmington Avenue). At the fifth traffic light, turn right to enter the 195 Farmington Avenue complex. The Center for Quantitative Medicine office is in Suite 210.

Parking

Ample, convenient free parking is available in the lot immediately outside the center's offices for building visitors and UConn employees.

Cancelations

Registration includes a \$50.00 nonrefundable registration fee. Should you cancel your registration before June 19, 2014, you will be refunded the entire short course fee less \$50. Sorry there are no refunds after 6/19/2014.

For Further Information

Matthew J Cook, MPH, MBI Cand., Dir., Education & Outreach
Center for Quantitative Medicine
UConn Health
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email: cook@uchc.edu
web: <http://cqm.uchc.edu>

Registration Form

Informatics & Data Analytics for Clin. & Trans Res. Jun 26, 2014

Sign up for:	Price
<input type="radio"/> Student Registration (copy of valid student ID required with your registration)	\$100.00
<input type="radio"/> Early Bird (call or postmarked by 5/30/2014)	\$200.00
<input type="radio"/> Advance Registration (by 6/19/2014)	\$250.00

Space is limited to 15 participants! Registration includes tuition, course certificate, materials, refreshment breaks, and a non-refundable registration fee of \$50.00. Advance registration is required. There is no onsite registration available. Sorry no refunds after June 19, 2014.

Total: _____

Please type or print below using CAPITAL letters.

First Name	MI	Last Name
Highest professional degree(s) [for course certificate and name tag]		
Organization		
Mailing Address		
City	State	Zip
Daytime Phone Number		
Email address (required to confirm your registration)		

Method of Payment

☐ Check made payable to the UConn Health Center

☐ Transfer Voucher (UConn departments only)

☐ Credit Card: ☐ Visa ☐ MasterCard ☐ Discover

- - -

Credit Card Number

/

Expiration Date (MM / YY)

3 digit number on back of the card on signature panel

CV2/CVV Security Code

Cardholder name as it appears on the credit card

Cardholder Billing Address

APT / UNIT / PO Box

City

State

Zip

I authorize you to charge the total amount listed above to my credit card provided herein.
I agree that I will pay for this purchase in accordance with the issuing bank cardholder agreement.

Cardholder Signature

Date

Please return this registration form with your payment to:
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