Value of Imaging through Comparative Effectiveness (VOICE): A Collaborative Training Program in Biomedical Big Data and Comparative Effectiveness Research

COURSE OVERVIEW

The course has been developed to allow imagers to gain the skills necessary to analyze Biomedical Big Data and perform comparative effectiveness research to demonstrate the impact and value of imaging.

The course uses an innovative hybrid on-line and in-person method of learning. There are three individual courses that will each consist of two-day interactive in-person sessions, followed by approximately 16–20 hours of on-line didactics.

The topics of the three courses are as follows:

1. Decision Analysis and Cost Effectiveness Analysis
2. Evidence Synthesis and Systematic Review
3. Big Data Analytics: Principles and Applications

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Course Director

R. Scott Braithwaite MD, MSc, FACP
Chief, Division of Comparative Effectiveness and Decision Sciences
Professor of Population Health and Medicine
Department of Population Health
NYU School of Medicine

Associate Course Director

Stella Kang, MD, MS
Assistant Professor, Department of Radiology
Assistant Professor, Division of Comparative Effectiveness and Decision Science
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NYU School of Medicine

Course Faculty

Constantin Aliferis, MD, MS, PhD, FACMI
Professor of Medicine, Chief Research Informatics Officer, CTSI,
Director, Institute for Health Informatics
Chief Data Analytics Officer
M-Health at the University of Minnesota Medical School

Yindalon Aphinyanaphongs, MD, PhD
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Director of Clinical Predictive Analytics
Director of Clinical Translational Data Science
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NYU School of Medicine

Maria Khan, PhD
Associate Professor, Division of Comparative Effectiveness
and Decision Science
Department of Population Health
NYU School of Medicine

COURSE DESCRIPTION

This program will begin in September 2018. Each course will begin with a two-day interactive in-person session, followed by approximately 16–20 hours of online didactics. All three in person sessions will take place at NYU Langone Medical Center. Faculty for the courses will be national experts in both comparative effectiveness and big data analytics. The course director will be R. Scott Braithwaite, the Chief of the Division of Comparative Effectiveness and Decision Sciences in the Department of Population Health at the NYU School of Medicine. Dr. Braithwaite is the Past-President of the Society for Medical Decision Making (a key professional society aiming to improve decisions in health care, and the professional society home of multiple members of the PCORI Methodology Committee), and serves as the Comparative Effectiveness Liaison of the NYU CTSI. The leaders of the big data analytics courses are Constantin Aliferis, MD, PhD and Yindalon Aphinyanaphongs, MD, PhD. Dr. Aliferis is Professor of Medicine, Chief Research Informatics Officer, CTSI, Director, Institute for Health Informatics and Chief Data Analytics Officer, M-Health at the University of Minnesota Medical School. Dr. Aphinyanaphongs, MD, PhD, Director of the Evidence-Based Medicine Information Retrieval and Scientometrics Laboratory (EBMIRSL) in the Center for Health Informatics and Bioinformatics (CHIBI) at NYU School of Medicine.

IN-PERSON SEMINAR DATES (SAT-SUN)

NYU Langone Medical Center, New York City

September 29-30, 2018

January 12-13, 2019

March 2-3, 2019

REGISTRATION TUITION

Tuition for faculty is $1000 for the (10 month) hybrid in-person and online didactic sessions. Spaces are limited to maximize the learning experience for attendees. Fourth-year residents and fellows may apply for a limited number of spots, for which tuition will be waived. This program is supported by the NIH (NIBIB R25EB020389) and a Strategic Alignment Grant from the AUR.

TRAVEL AND ACCOMMODATIONS

For more information, please visit:
http://www.med.nyu.edu/courses/cme/voice1819

CONTACT

For more information and to register, please visit:
http://www.med.nyu.edu/courses/cme/voice1819

For questions: **Michelle.Koplik@nyumc.org**
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A Collaborative Training Program in Biomedical Big Data and Comparatve Effectiveness Research!

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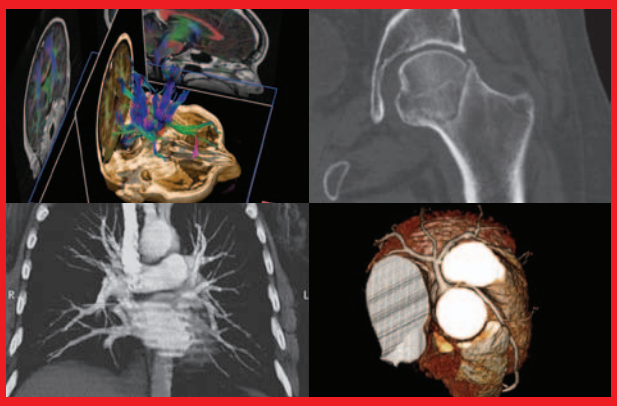
3. Big Data Analytics: Principles and Applications



http://www.med.nyu.edu/courses/cme/voice1819

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