SYMPOSIUM ON
DATA SCIENCE FOR HEALTHCARE
Sponsored by the Leir Foundation
September 25, 2015, The Leir Retreat Center, Ridgefield, CT

Motivation
A big-data revolution is under way in healthcare. There is a dramatic growth of data in healthcare, from Electronic Health Record, lab systems, pharmaceutical companies, insurance claims, customer relationship management, to user-generated content in social media. Analytics of big data could change every inch of the nation’s $3 trillion healthcare industry — from better patient outcomes to a more transparent healthcare system to more accessible and affordable care — all for the better.

Goal
The Symposium will bring together renowned researchers in multiple disciplines, major companies, policy makers from government agencies, and thought leaders from leading technology associations in related fields to discuss the challenges, opportunities and future directions in leveraging big data for healthcare revolution. We also hope this workshop will foster collaboration across different disciplines and sectors for profound impact.

Topics
• Medical Informatics and Electronic Health Record
• Patient Engagement and Outreach
• Harnessing Social Media for Smart Healthcare
• Healthcare Systems and Population Health

Organizer
Professor Yi Chen
Henry J. Leir Chair in Healthcare, Associate Professor, NJIT

Confirmed Speakers (so far)
Dr. Susan Davidson
Founding Co-Director of the Center for Bioinformatics, Weiss Professor, Computer Science, UPenn. Chair of the Computing Research Association (CRA) Board of Directors.

Dr. James Geller
Professor and Chair of Computer Science, NJIT

Mr. Christopher Joyce
VP Analytic Platforms, Information Technology at Anthem, Inc.

Dr. Christopher C. Yang
Assoc. Professor, Computing & Informatics, Drexel Univ.

Dr. Bradford Hesse
Chief, Health Communication and Informatics Research Branch at National Cancer Institute, NIH

Dr. Kathy L. Grise
Senior Program Director, IEEE Future Directions

Dr. Selçuk Candan
Professor, Computer Science and Engineering, ASU

Dr. Guodong Gao
Co-Director of the Center for Health Information and Decision Systems, Assoc. Professor, Business, UMaryland

Why Attend
• Learning the cutting edge technologies of data science for healthcare
• Showcasing your research
• Being updated on the funding opportunities and priorities
• Networking with leading researchers and companies in the field
• Exploring collaboration opportunities
• Inspiring new ideas and shaping the future research directions
• Be a part of healthcare transformation

Sponsor
The Leir Charitable Foundations
Dr. Henry J. Leir (1900-1998) was an American industrialist, financier, and philanthropist. He was known internationally for his charitable endeavors as the founder of the Ridgefield Foundation and the Leir Foundation.

Supporter
New Jersey Institute of Technology

Participants from American Cancer Society, Geisinger, Bristol-Myers Squibb, Quest, and Inovalon, etc.