

Biomedical Informatics in Perspective

Basic Research

Biomedical Informatics Methods,
Techniques, and Theories

Applied Research

Bioinformatics

Imaging
Informatics

Clinical
Informatics

Public Health
Informatics

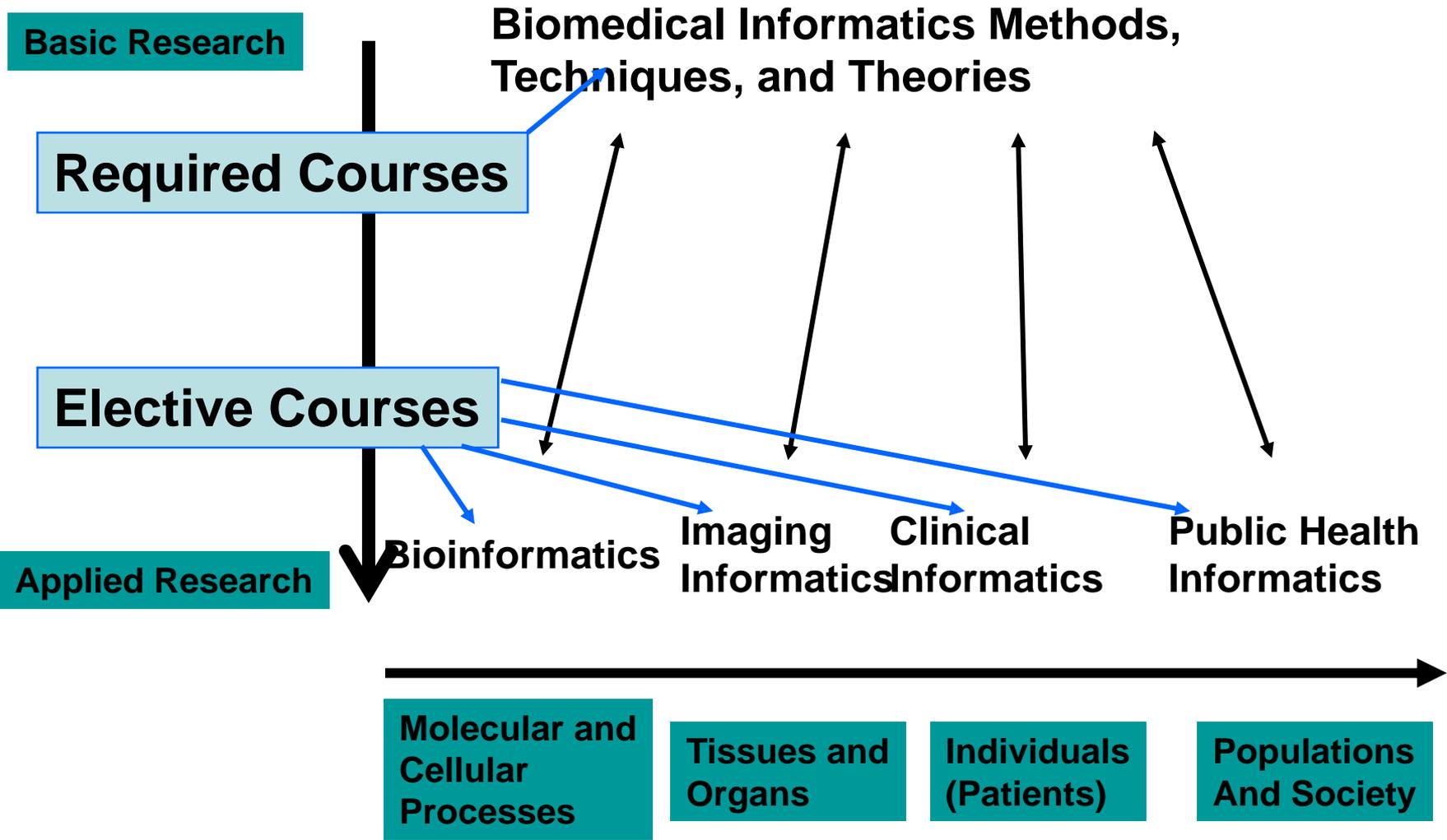
Molecular and
Cellular
Processes

Tissues and
Organs

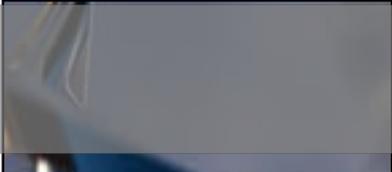
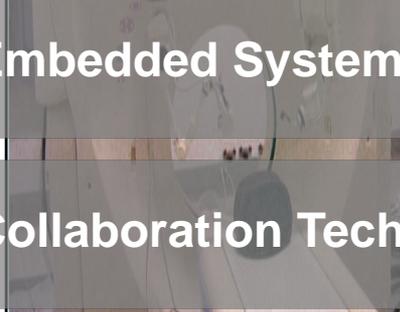
Individuals
(Patients)

Populations
And Society

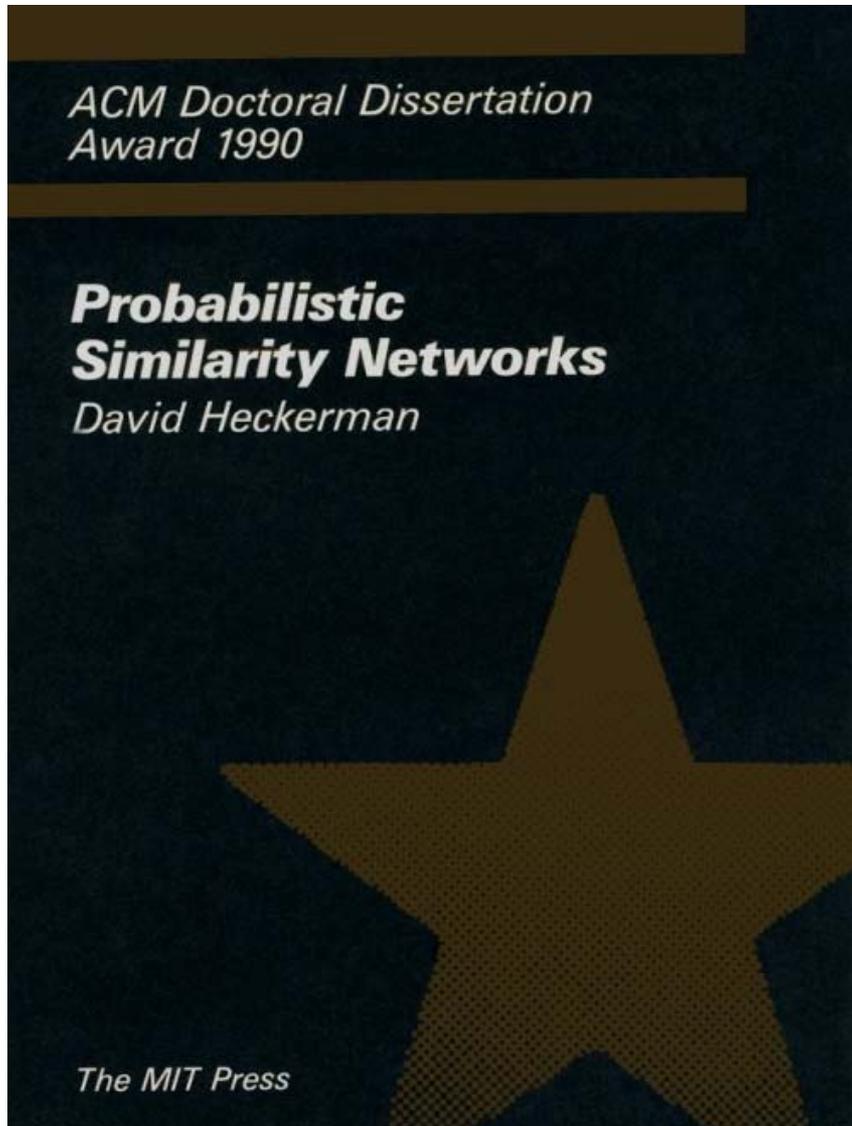
Curricular Implications



BMI Research Foci

Bioinformatics	Imaging Informatics	Clinical Informatics	Public Health Informatics
	 <p data-bbox="575 492 1290 539">Cognition and Decision Making</p>		
	 <p data-bbox="469 664 1213 711">Data Mining/Predictive Modeling</p>		
	 <p data-bbox="388 835 1441 882">NLP/AI/Structured Knowledge Representation</p>		
	 <p data-bbox="469 1006 929 1053">Embedded Systems</p>		
	 <p data-bbox="469 1178 1363 1225">Collaboration Technologies & Methods</p>		

David Heckerman, MD, PhD



- Briefly joined UCLA CS faculty
- Recruited to Microsoft Research
- Has directed uncertainty in AI research group
- Recently leading Microsoft effort to contribute to HIV vaccine development

R. Martin Chavez, PhD (1990)



- Was MD/PhD student but after PhD decided not to complete MD degree
- Started Quorum Computing after completing his degree
- Goldman Sachs discovered his work and recruited him to New York office
- Subsequently transferred to London office where he quickly rose in company
- Recruited back to NYC to lead Credit Suisse First Boston operation
- Started Kiindex, Inc. (web-based energy futures services)
- Sold company and recruited back to Goldman Sachs
- Made partner in GS in 2006