

I

WANT TO GET OUT OF THIS CLASS:

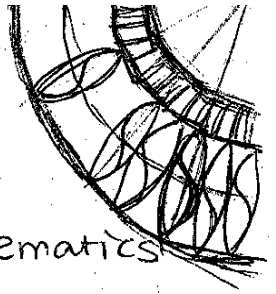
- ~~KNOWLEDGE~~ KNOWLEDGE OF A NEW FIELD.
- INTRODUCTION TO A POSSIBLE NEW CAREER?

Early Belong

I hope to learn more about how interactions impact individual behavior and functions.

~~DATE~~

- NAME: Jingjin Wei
- WHY THIS COURSE: topic systems in real world
- BACKGROUND: Network. extract data and explain in mathematics



Name Shenstar Song China

~~reason~~

background computational chemistry
reverse micelle



why: not long-time

wide



protein

Network application in finance

Asanga Sri Lanka

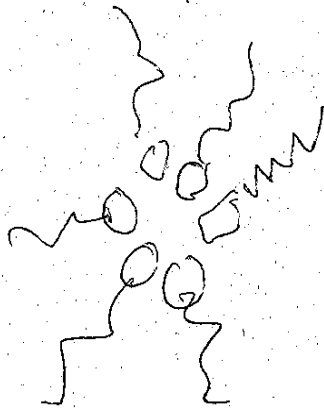
Molecular dynamics
classical simulation
biophysics simulation

Chemist

Jack macau Particle physics

Finance / Networks,

REVERSE MICELL -



Asanga Bandara

- basic unit of life is a cell & all organisms are made of cells
multicellular organisms

- Structure of a cell

Thomas Heavey

Basics of Networks to understand papers I may be interested in

Applications of Network science to problems applicable to chemistry and reactions

New frontiers in network science that may be broadly applicable

I prefer ~~to~~ homework/project based.

Alexandros Kyrtzos

I am a PhD student in Electrical Engineering and I studied Physics in Greece. Currently I am doing computational materials science studying migration of defects in semiconductors.

I took the Econophysics course last semester and it had a ~~big~~ great impact on my thoughts on my future career.

I am interested in Finance and I am interested in seeing the applications of Networks in Finance.

Rustan Tachigulov

This course is the first interdisciplinary course I took at BU. As for me, I would expect that I will learn something new in finance, and how physics can be applicable to treat this field, and also I would expect to find common things between different sciences.

~~From~~ David Stetter

- I know nothing about network, I'm very interested to learn some!
- Networks applied to phase transitions
- Networks applied to molecular dynamics in general.
- Off-Topic
 - Macro-Scale networks, ~~like~~ like you briefly mentioned in Medicine, Evolution, etc....

George Pantelopulos

-> Undergrad research based in ~~applying~~
~~network theory~~ constructing Markov state
Models to describe protein folding + ligand
binding - essentially, these are network models
where nodes are similar conformations ~~at~~
(by some criterion such as backbone atom RMSD)
and links are the probability of transitioning
~~from~~ between these conformations. These
conformations are derived from Molecular
Dynamics simulations.

-> My understanding is entirely applied.
I would like to gain a much stronger
understanding of network theory.

Adrian Yi

→ To see if interested in data science field.

→ Experimental biophysics.

X