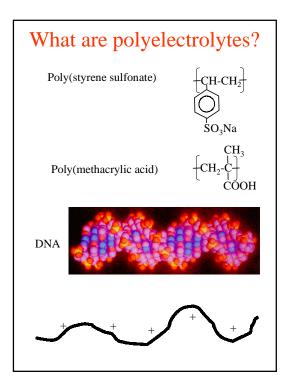
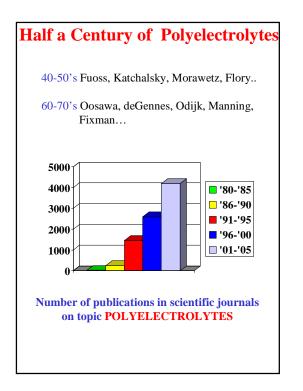
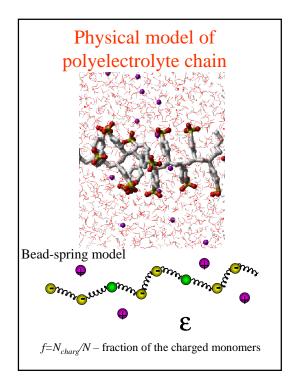
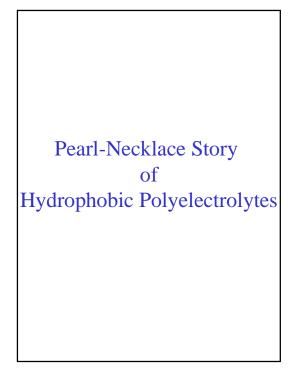
## CHARGED POLYMERS THE STORY SO FAR...

Andrey V Dobrynin Institute of Materials Science &Department of Physics University of Connecticut



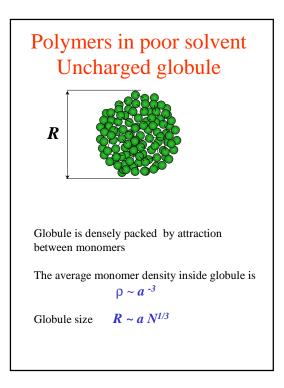


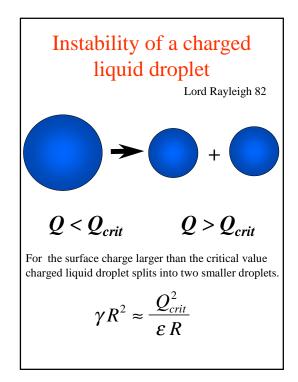


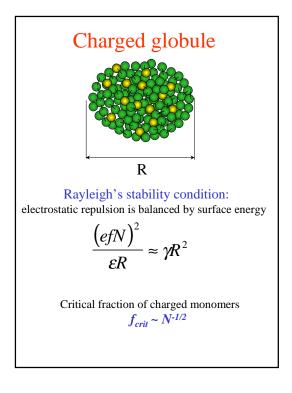


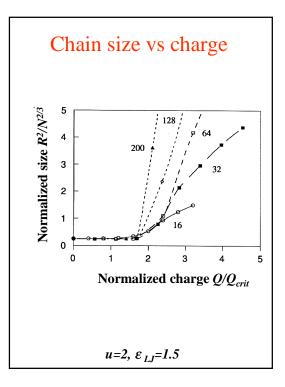
Dilute solutionsNecklace globuleCounterion condensation

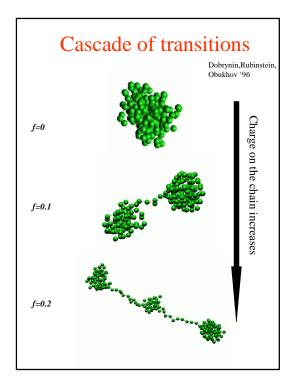
Semidilute solutions

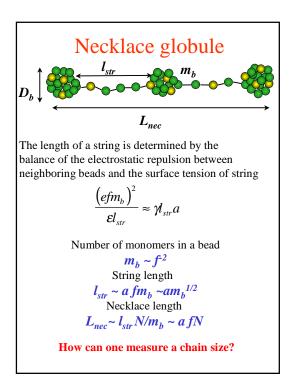


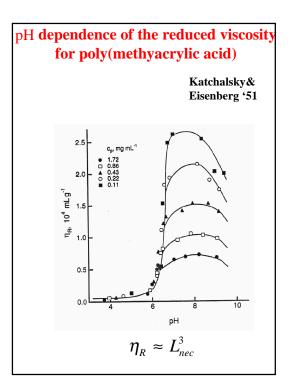




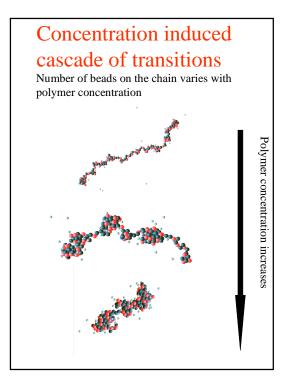


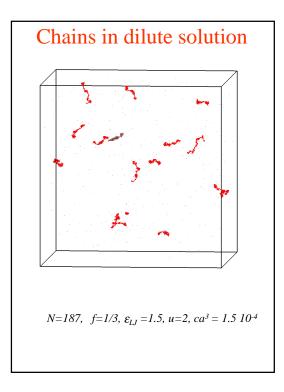


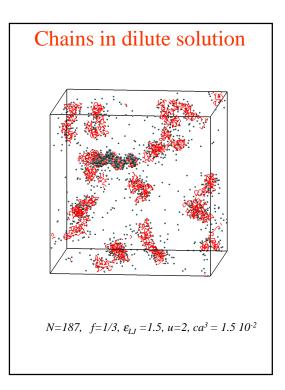


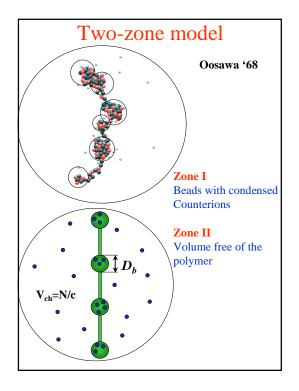


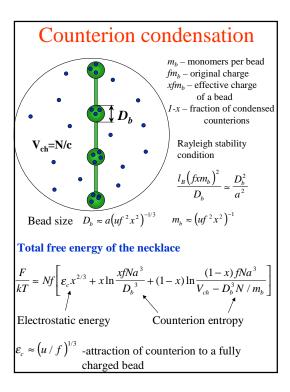


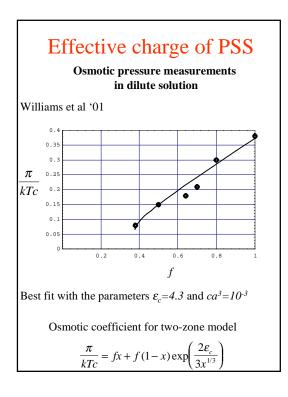




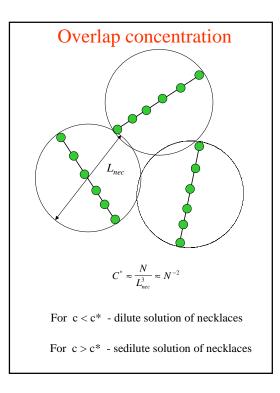


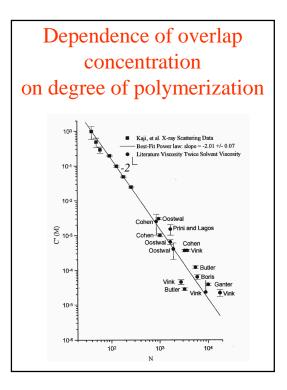


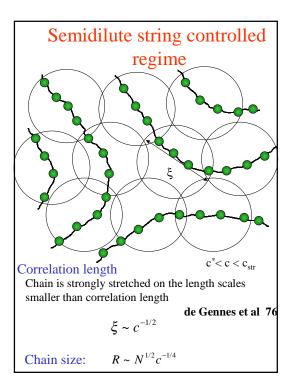


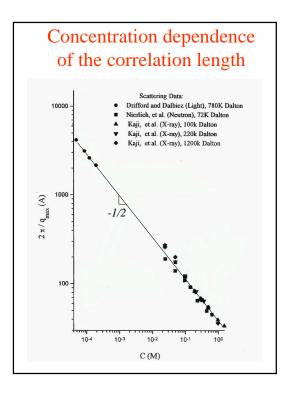


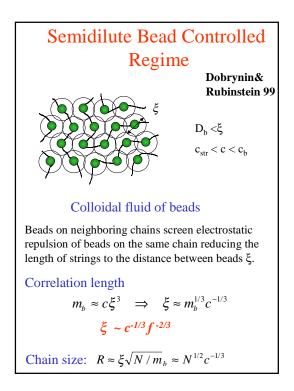


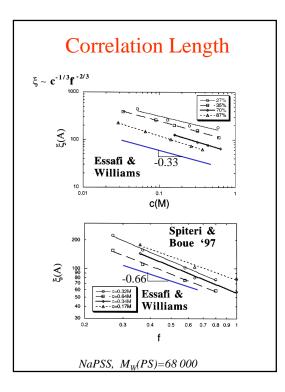


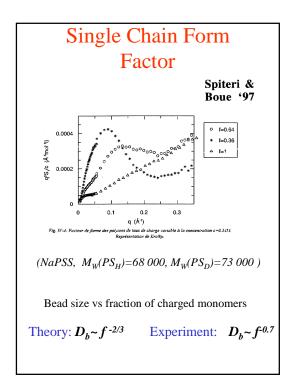


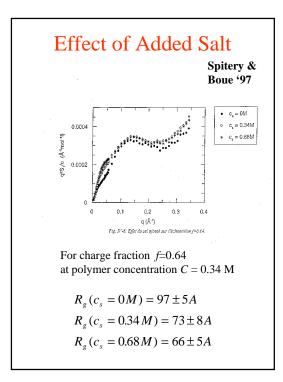


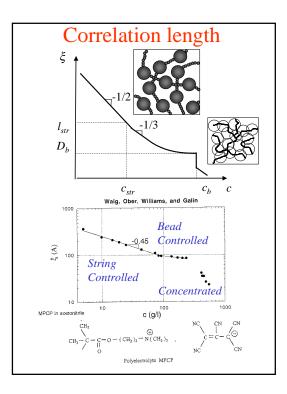


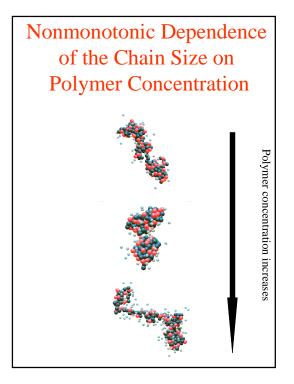


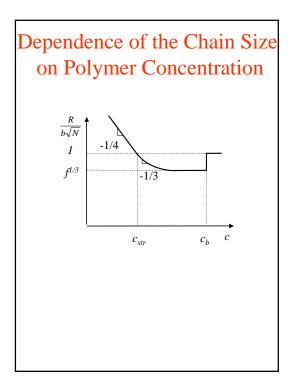


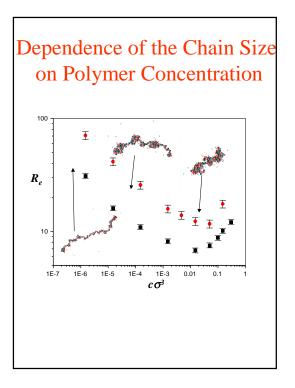


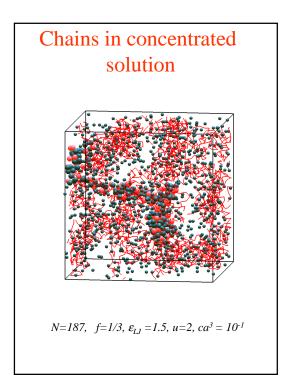


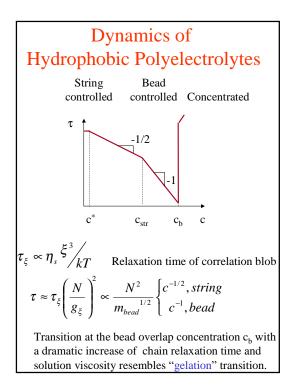


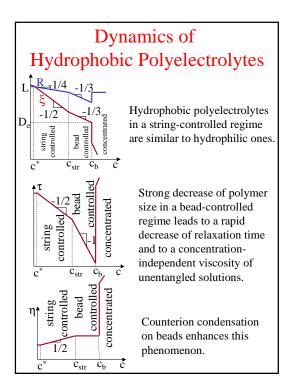




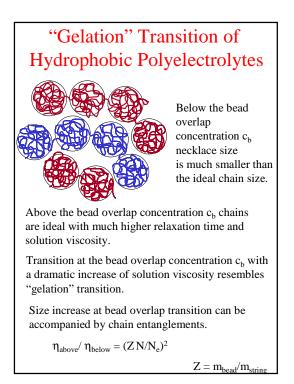


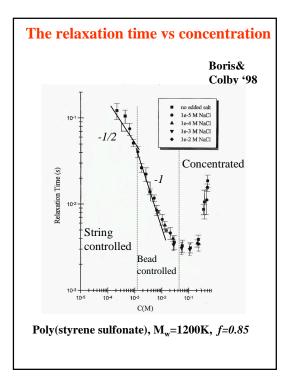




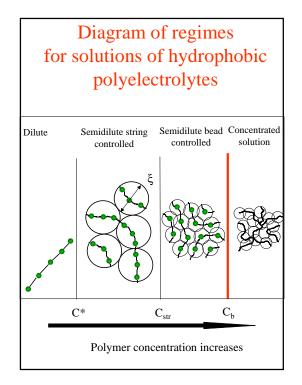


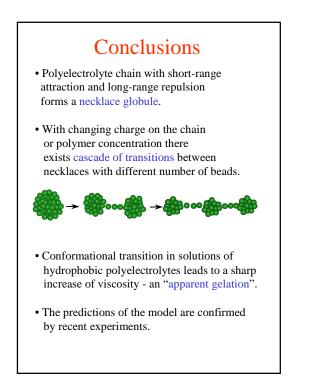
Charged Polymers - The Story So Far (KITP Complex Fluids Program 6/20/02)





Dr. Andrei Dobrynin, University Connecticut





## Acknowledgments

## Collaborations

Michael Rubinstein Qi Liao (University of North Carolina) Sergei Obukhov (University of Florida)

## **Financial Support**

National Science Foundation Petroleum Research Fund Eastman Kodak Company