## MAR10-2009-005467

Abstract for an Invited Paper for the MAR10 Meeting of the American Physical Society

Polymer Physics Prize Talk: Our Love Story with Polymers or "Is This Really Physics?" <sup>1</sup> MICHAEL RUBINSTEIN, University of North Carolina at Chapel Hill

Some recent results and remaining open questions in several areas of polymer physics ranging from polymer entanglements to reversible gels and polyelectrolytes will be reviewed and put into historical and sociological perspective.

<sup>1</sup>I would like to acknowledge financial support from the National Science Foundation and the National Institutes of Health