

**Patrick S. Doyle**  
**Short CV for the Nomination**  
**of “STRATIS V. SOTIRCHOS” 2009 Memorial Lectureship**

Patrick S. Doyle is an Associate Professor in the Department of Chemical Engineering at the Massachusetts Institute of Technology. He received his Bachelor's degree in Chemical Engineering from the University of Pennsylvania. Thereafter he went to Stanford University and received both a Masters and Ph.D. in Chemical Engineering while working on the topic of Brownian dynamics simulations of polymer rheology under the guidance of Professors Eric Shaqfeh and Alice Gast. At Stanford he received the prestigious Lieberman Fellowship for this thesis work. Pat then received a Chateaubriand Fellowship to pursue postdoctoral studies at the Institute Curie in Paris where he investigated single molecule DNA dynamics. Pat joined the Massachusetts Institute of Technology in late 2000. Pat's research group at MIT studies the dynamics and rheology of complex fluids using both molecular simulations and various experimental techniques. A major theme of his research is the translation of a molecular understanding of transport phenomena into new microfluidics-based processes. He was the recipient of a NSF CAREER Award, 3M Innovation Award, MipTec PolyPops Foundation Award, and John Simon Guggenheim Fellowship. He was invited to deliver the Allan P. Colburn Memorial Lecture at the University of Delaware and awarded the Thiele Lectureship at the University of Notre Dame. He is currently a visiting professor and recipient of the Rothschild-Yvette Mayent Fellowship at the Institute Curie in Paris.