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## CURRICULUM VITAE

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**Publications:**

1. Wanchai Lerdwijtjarud, Ronald G. Larson, Anuvat Sirivat, and Michael J. Solomon, "Influence of weak elasticity of dispersed phase on droplet behavior in sheared polybutadiene/poly(dimethyl siloxane) blends", *J. Rheol.* 47 (1), 37-58 (2003).
2. Wanchai Lerdwijtjarud, Anuvat Sirivat, and Ronald G. Larson, "Influence of elasticity on dispersed-phase droplet size in immiscible polymer blends in simple shearing flow", *Polym. Eng. Sci.*, 42 (4), 798-809 (2002).
3. Thipphaya Cherdhirankorn, Wanchai Lerdwijtjarud, Anuvat Sirivat, and Ronald G. Larson, "Dynamics of Vorticity Stretching and Breakup of Isolated Viscoelastic Droplets in an Immiscible Viscoelastic Matrix" submitted to *Rheologica Acta*.
4. Wanchai Lerdwijtjarud, Anuvat Sirivat, and Ronald G. Larson, "Influence of Dispersed-phased Elasticity on Steady-state Deformation and Breakup of Droplets in Simple Shearing Flow of Immiscible Polymer Blends", in preparation

**Proceedings:**

1. Wanchai Lerdwijitjarud, Anuvat Sirivat, Ronald G. Larson, "Droplet Deformation Relaxation and Breakup in Immiscible Polymer Blends", The PPS-2002 Polymer Processing Society – Asia/Australia Meeting, Taipei-Taiwan, November 4-8, 2002.
2. Wanchai Lerdwijitjarud, Anuvat Sirivat, Ronald G. Larson, "Drop Breakup and Coalescence of Immiscible Polymer Blends under Simple Shear Flow", The 1<sup>st</sup> Thailand Materials Science and Technology Conference, Bangkok, Thailand, July 2000.

**Presentations:**

1. Wanchai Lerdwijitjarud, Anuvat Sirivat, and Ronald G. Larson, "Non-Newtonian Effect on Morphology of Immiscible Polymer Blends", RGJ-Ph.D. Congress IV, Chonburi, Thailand, April 2003.
2. Wanchai Lerdwijitjarud, Ronald G. Larson, Anuvat Sirivat, and Michael J. Solomon, "Influence of Weak Elasticity on Droplet Behavior for Immiscible Polymer Blends", The 74<sup>th</sup> Annual Meeting of the Society of Rheology, Minneapolis Minnesota, USA, October 2002.
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4. Wanchai Lerdwijitjarud, Ronald G. Larson, Anuvat Sirivat, and Michael J. Solomon, "Influence of Elasticity on Droplet Behavior for Immiscible Polymer Blends", the 76<sup>th</sup> ACS Meeting in Colloid and Surface Science, Ann Arbor Michigan, USA, June 2002.
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6. Wanchai Lerdwijitjarud, Anuvat Sirivat, Ronald G. Larson, "Influence of Elasticity on Droplet Deformation, Relaxation and Breakup of Polybutadiene/Poly(dimethyl siloxane) Blends", The 27<sup>th</sup> Congress on Science and Technology of Thailand, Songkla, Thailand, October 2001.

7. Wanchai Lerdwijitjarud, Anuvat Sirivat, and Ronald G. Larson, “The Influence of Elasticity on the Dispersed-phase Droplet Size of HDPE/PS Blends”, The 72<sup>nd</sup> Annual Meeting of the Society of Rheology, South Carolina, USA, February 2001.
8. Wanchai Lerdwijitjarud, Anuvat Sirivat, Ronald G. Larson, “Drop Breakup and Coalescence of Immiscible Polymer Blends under Simple Shear Flow”, The POLY Millennium 2000, Hawaii, USA, December 2000.
9. Wanchai Lerdwijitjarud, Anuvat Sirivat, and Ronald G. Larson, “Drop Breakup and Coalescence of Immiscible Polymer Blends under Simple Shear Flow”, The 26<sup>th</sup> Congress on Science and Technology of Thailand, Bangkok, Thailand, October 2000.
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