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Education	2007	Ph.D.	Mechanical Engineering	MIT
	2004	M.S.	Mechanical Engineering	MIT
	2002	B.S.	Mechanical Engineering	MIT
Experience	2007-Present		Forensic Engineer, Technology Associates Stamford, CT	
	2002-2007		Research Assistant and Teaching Assistant, MIT Cambridge, MA	
	2004 (summer)		Research Engineer, Sandia National Laboratories Albuquerque, NM	
	2001 (summer)		Fiber Optics Research and Development, Finisar Sunnyvale, CA	
	2000 (summer)		HVAC Engineering, Case-New Holland Burr Ridge, IL	
Selected Publications			K. Seluga, L. Baker and I. Ojalvo, "A Parametric Study of Golf Car and Personal Transport Vehicle Braking Stability," <i>Journal of Accident Analysis & Prevention</i> 2009; 41:4:839-848.	
			K. Seluga, L. Baker and I. Ojalvo, "Stepladders – Why they're not safe," Proceedings of ASME International Mechanical Engineering Congress and Exposition, IMECE2008-67399, 2008	
			L. L. Baker and N. G. Hadjiconstantinou, "Variance reduced Monte Carlo solutions of the Boltzmann equation for low-speed gas flows: A Discontinuous Galerkin formulation." <i>International Journal for Numerical Methods in Fluids</i> , Vol. 58, Issue 4, 2008	
			L. L. Baker, <i>Efficient numerical methods for solving the Boltzmann equation for small scale flows</i> . Doctoral thesis, MIT, June 2007	
			L. L. Baker and N. G. Hadjiconstantinou, "A variance reduction approach for Monte Carlo solutions of the non-linear Boltzmann equation." In <i>Proceedings of the Third International Conference on Microchannels and Minichannels</i> . ASME, 2005	
			L. L. Baker and N. G. Hadjiconstantinou, "Implicit hybrid simulation framework for steady-state dilute gas flows." <i>International Journal for Multiscale Computational Engineering</i> , 3:49-58, 2005	
			L. L. Baker and N. G. Hadjiconstantinou, "Variance reduction for Monte Carlo solutions of the Boltzmann equation." <i>Physics of Fluids</i> , 17 (051703), 2005	
Awards and Organizations			American Society of Mechanical Engineers (ASME), since 2007	
			MIT Presidential Fellow, 2002	
			Tau Beta Pi Engineering Honor Society, 2002	
			Pi Tau Sigma Mechanical Engineering Honor Society, 2001	