

## Advancing Emulsion Product Performance

## Laura Silva

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## **Velocys Introduction**

Formed in 2001 as a spin-out from Battelle Memorial Institute

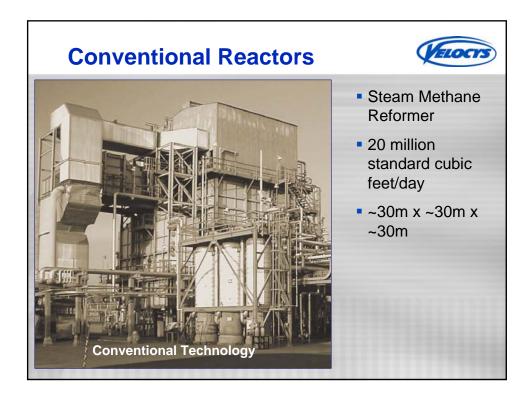
Commercializing technology developed at Pacific Northwest National Laboratory in mid-1990s

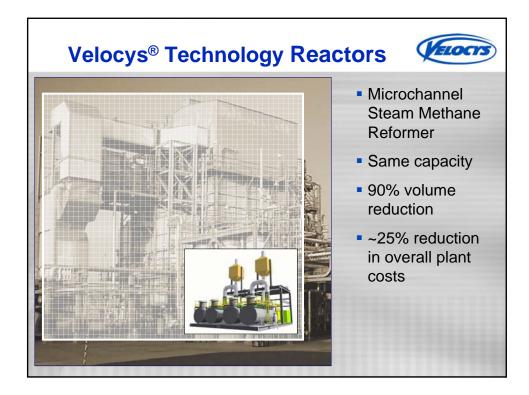
Over \$70 million invested to date

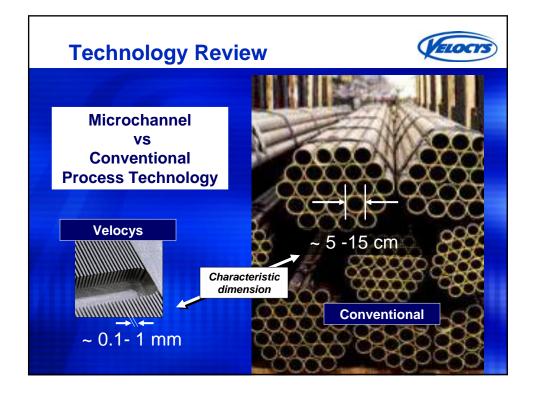
Established alliances with partners:

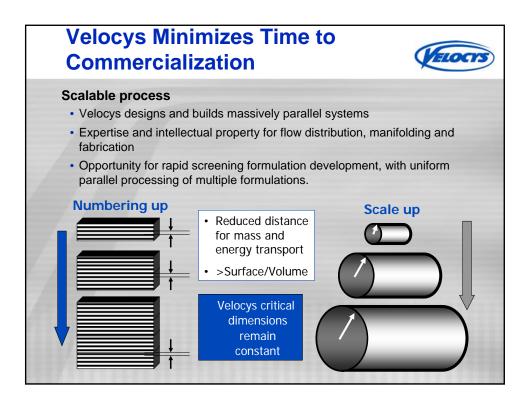
- chemical producers
- engineering and construction
- equipment manufacturing

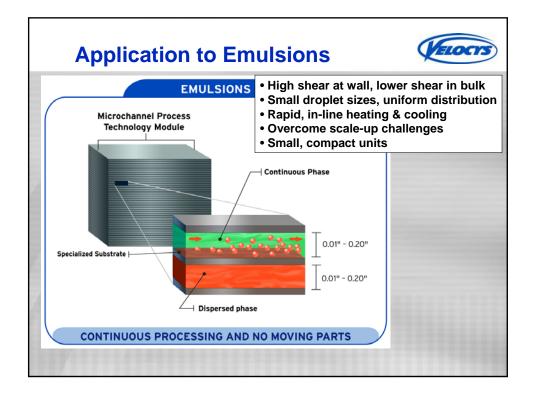


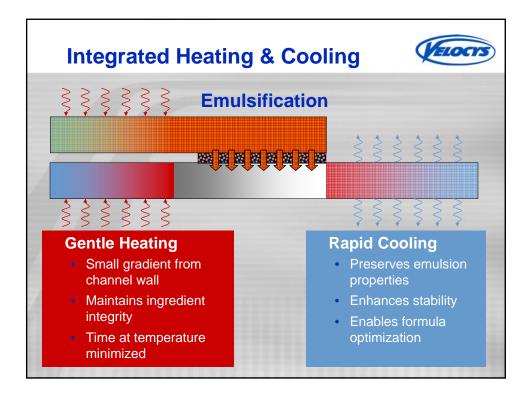


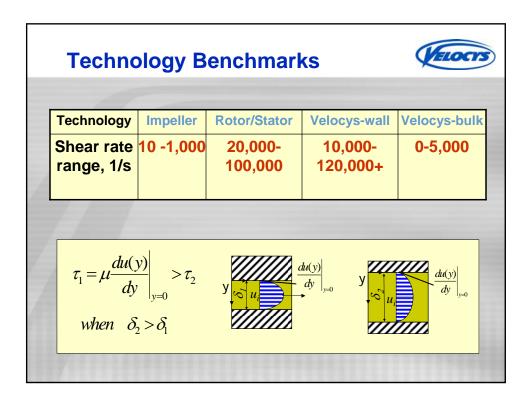


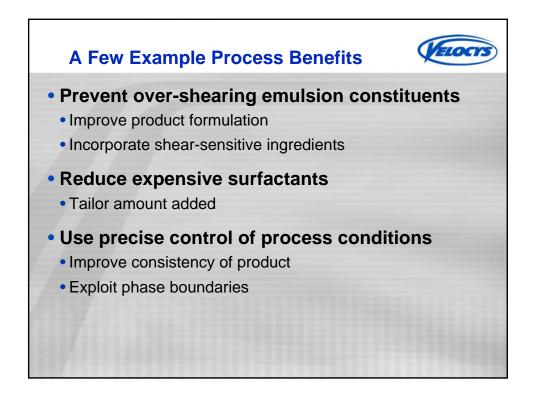


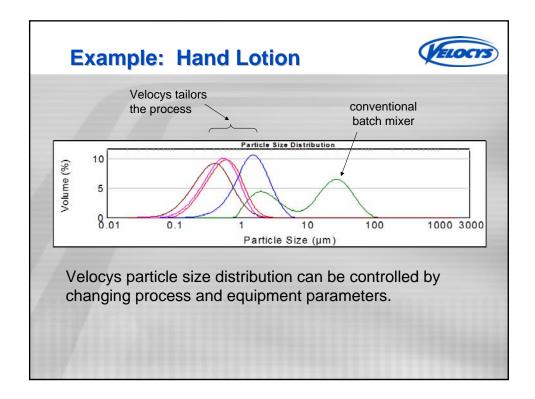












Hand Lotion Formulation				
Parts by (Wt.%)				
First Liquid Continuous	s Phase, Aqueous			
Water	83.0			
Carbopol 934	.20			
Na2 EDTA	0.05			
Glycerine USP	4.0			
		Discontinuous Phase, Oil		
		Stearic Acid	2.00	
		Cetyl Alcohol	0.50	
		Glyceryl Monostearate	0.20	
		Ethylene Glycol Monostearate	0.30	
		Propylparaben	0.10	
		Methylparaben	0.20	
		Mineral Oil	7.00	
		Silicone Fluid DC200	1.00	
		Tween 20	0.50	
		Triethanolamine	0.90	

