Contact Information	Department of Princeton Univ Princeton NJ 08540 USA	Mechanical and Aerospace Engineering rersity	(609) 375-7956 rgray@princeton.edu	
Education	Princeton University, USA Ph.D. Candidate in Mechanical and Aerospace Engineering (expected May 2019) M.A. in Mechanical and Aerospace Engineering, September 2016 Dynamical Control Systems Laboratory			
	University of Canterbury, New Zealand B.E.(Hons) in Mechanical Engineering, December 2013 First Class Honours			
Scientific Research Experience	2014-present	 Graduate Research Assistant, Princeton University, USA. Advisor: Prof. Naomi Leonard, Department of Mechanical and Aerospace Engineering. Investigating nonlinear modelling of bio-inspired decentralised collective decision-making. 		
	2013	 Independent Research Project, University of Canterbury, NZ. Advisors: Dr Paul Docherty, Dis. Prof. Geoff Chase, Department of Mechanical Engineering. Investigating a novel adaption to the Gauss-Newton parameter identification method. 		
	2013	 Honours Group Thesis, University of Advisor: Prof. Susan Krumdieck, Department of Mechanical Engineer Conducting a feasibility study for an C bine test bed and prospecting tool. 	Canterbury, NZ. ring. Organic Rankine Cycle tur-	
PUBLICATIONS	Gray, R., Franci, A., Srivastava, V. and Leonard, N.L. (2017). An agent-based frame- work for bio-inspired value-sensitive decision-making. To be presented in Toulouse, France: IFAC, 9-14 Sept 2017.			
	Gray, R., Franci, A., Srivastava, V. and Leonard, N.L. (2017). Distributed multi- agent dynamics for bio-inspired value-sensitive decision-making. <i>IEEE Transactions</i> on Control of Network Systems. In review.			
	Gray, R.A.L., Docherty, P.D., Fisk, L.M. and Murray, R. (2016). A modified approach to objective surface generation within the Gauss-Newton parameter identification to ignore outlier data points. <i>Biomedical Signal Processing and Control</i> , 30, 162-169.			
	Docherty, P.D., Gray, R.A.L. and Mansell, E.J. (2014). Reducing the Effect of Out- lying Data on the Identification of Insulinaemic Pharmacokinetic Parameters with an Adapted Gauss-Newton Approach. Cape Town, South Africa: IFAC, 24-29 Aug 2014.			

Curriculum Vitae, Rebecca Gray, 1

Teaching Experience	2016 Ass 2009 Tea	sistant in Instruction, Automatic Control aching Assistant, Engineering Mechanics
Honors and	2015 2014	New Zealand Federation of Graduate Women Fellowship Fulbright Graduate Student Award
AWARDS	2014	J R. Templin Travelling Scholarship
	2011	College House Lyall Holmes Memorial Scholarship & George T Weston Scholarship
	2010	University of Canterbury Emerging Leaders Scholarship
Relevant Skills	Languages:	English