	#	Description	Lead	Year 1			Year 2				Year 3			Year 4		
	,,	Description		1	2	3	1	2	3	4 1	1 2	3 4	1	2	3 4	
Thrust #1 Language Exploration	1	Complete Haskell DCRN prototype	Osera													
	2	Complete Haskell SCRN prototype	Klinge													
	3	Gather preliminary results of using FRP for CRN development	All													
	4	Explore more general SCRN prototype employing FRP over prababilistic signals	Lathrop													
Thrust #2 Language Design	5	Develop the DCRN language and type system	Osera													
	6	Develop the SCRN language and type system	Klinge, Lathrop													
Thrust #3 Analysis, Experimentation, and Ecosystem	7	Meta-theoretic analysis of languages	Osera													
	8	Verification of expressiveness of languages	Klinge, Lathrop													
	9	Develop IDE support for languages	All													
Broader Impacts	10	Engage students in research-based training (2 Ph.D. 8+ undergraduate)	All													
	11	Curicular material, decimination, and presentations/classes	All													
	12	Outreach activities (public lectures, workshops, local STEM presentations)	All													
	13	Publish results in journals and conferences	All													