### REPORT DOCUMENTATION PAGE

### Form Approved OMB NO. 0704-0188

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1. REPORT DATE (DD-MM-YYYY)	2. REPORT TYPE		3. DATES COVERED (From - To)					
	Technical Report		-					
4. TITLE AND SUBTITLE	5a. CON	ONTRACT NUMBER						
Economic Development and Network Science								
5			5b. GRANT NUMBER					
5c. F			PROGRAM ELEMENT NUMBER					
			611104					
6. AUTHORS 50			5d. PROJECT NUMBER					
Margaret Moten, Daniel Evans								
50			5e. TASK NUMBER					
	5f. WOR	ORK UNIT NUMBER						
7. PERFORMING ORGANIZATION NAM		8. PERFORMING ORGANIZATION REPORT						
U.S. Military Academy (USMA-West Point 15,321.00 NUMBER								
Network Science Center 601 Cullum Road								
West Point, NY 109								
9. SPONSORING/MONITORING AGENC (ES)	S 1	10. SPONSOR/MONITOR'S ACRONYM(S) ARO						
U.S. Army Research Office		11. SPONSOR/MONITOR'S REPORT						
P.O. Box 12211 Research Triangle Park, NC 27709-2211		NUMBER(S)						
50200-110-7100.7								
12. DISTRIBUTION AVAILIBILITY STAT								
Approved for public release; distribution is unlimited.								
13 SUPPLEMENTARY NOTES		13. SUPPLEMENTARY NOTES The views, opinions and/or findings contained in this report are those of the author(s) and should not contrued as an official Department						
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#### **Report Title**

Economic Development and Network Science

#### ABSTRACT

Many of the basic assumptions underlying macro-economic and financial theory are so simplistic that the models upon which they are built cannot be used to predict or explain economic events. The concept of homo economicus assumes that individuals make rational decisions based on complete knowledge motivated by their self-interest in an effort to achieve the greatest benefit at the least cost. Simplifications inherent in the representative agent approach assume away complexities associated with the interconnectedness of economic actors and the effects of their actions **Technical Report 11-001** 

# **Economic Development and Network Science**

Margaret Moten, Daniel Evans

U.S. Military Academy, West Point NY

April 2011



United States Military Academy Network Science Center

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REPORT DOCUMENTATION PAGE					Form Approved OMB No. 0704-0188		
Public reporting burden for this collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing this collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to Department of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports (0704-0188), 1215 Jefferson Davis Highway, Suite 1204, Arlington, VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR FORM TO THE ABOVE ADDRESS.							
1. REPORT DATE (DD	-MM-YYYY)	2. REPORT TYPE			DATES COVERED (From - To)		
08-04-2011 4. TITLE AND SUBTIT		Technical Repor	t		August 2010 - April 2011 CONTRACT NUMBER		
4. IIILE AND SUBIII	LC			5a			
Fconomic Devel	opment and Net	work Science			. GRANT NUMBER		
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			5c	. PROGRAM ELEMENT NUMBER			
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6. AUTHOR(S)				50	. PROJECT NUMBER		
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				5e. TASK NUMBER			
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7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)				-	PERFORMING ORGANIZATION REPORT NUMBER		
Network Scienc	e Center.				a		
U.S. Military Academy					~		
601 Cullum Roa	-	. Room 119					
West Point, NY	· <b>·</b>						
9. SPONSORING / MO	NITORING AGENCY N	AME(S) AND ADDRES	S(ES)	10	. SPONSOR/MONITOR'S ACRONYM(S)		
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U.S.Army Resea	rch Organizati	on					
Triangle Park,	NC			11	. SPONSOR/MONITOR'S REPORT		
					NUMBER(S) 11-001		
12. DISTRIBUTION / AVAILABILITY STATEMENT							
Unlimited Distribution							
<b>13. SUPPLEMENTARY NOTES</b> The views expressed in this thesis are those of the authors and do not reflect the official policy or position of the Department of Defense or							
the U.S. Government.							
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U.S. Military Academy							
15. SUBJECT TERMS							
Social Network Analysis, Actor Oriented Social Networks, Network Science, Economics							
16. SECURITY CLASSIFICATION OF:			17. LIMITATION	18. NUMBER	19a. NAME OF RESPONSIBLE PERSON		
			OF ABSTRACT	OF PAGES	Tish Torgerson		
a. REPORT	b. ABSTRACT	c. THIS PAGE	UL	6	19b. TELEPHONE NUMBER (include area		
UNCLASSIFIED	UNCLASSIFIED	UNCLASSIFIED			<i>code)</i> 845-938-0804		

Standard Form 298 (Rev. 8-98) Prescribed by ANSI Std. Z39.18

**Technical Report 11-001** 

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8 April 2011

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#### ACKNOWLEDGEMENT

This work was supported by the U.S. Army Research Organization, Project No. 611102B74F.

Daniel Evans supports this project through the Army Research Office's Scientific Support Program. Battelle Memorial Institute administers the Scientific Support Program for the Army Research Office.