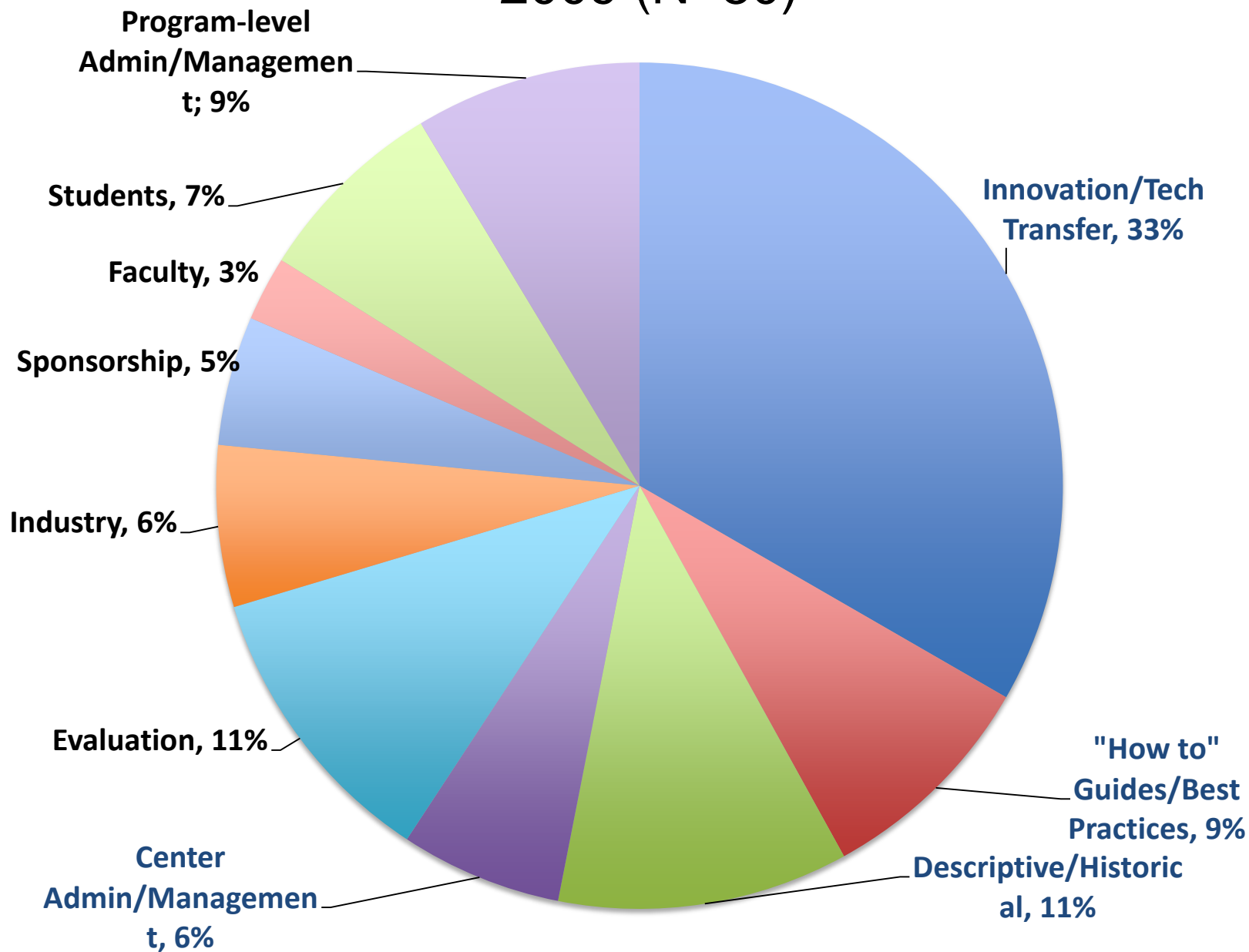


What has been done: I/UCRC Research Themes 1980 – 2009 (N=80)



Catagorization dB

Author	Year	Title	Pub	DV
Becker, A.	1984	A guide to Industry-University Cooperative Research Center planning meetings.	Chicago: Ann Becker & Associates, Inc.	
Behrens (Gidley), T.R.	1986	University/Industry cooperative research centers: An empirical investigation of theoretical and operational relations.	Unpublished master's thesis. Department of Psychology, North Carolina State University, Raleigh, N.C.	
Behrens (Gidley), T.R.	1989	Industry funded research and graduate engineering education: A national survey of chemical and electrical engineering students.	Unpublished doctoral thesis. Department of Psychology, North Carolina State University.	
Behrens (Gidley), T.R. & Gray, D.O.	2001	Unintended consequences of cooperative research: Impact of industry sponsorship on climate for academic freedom and other graduate student outcomes.	Research Policy, 30(2), 179-199.	
Behrens (Gidley), T.R. & Gray, D.O.	1998	Cooperative research and academic freedom: An empirical assessment of the impact of industry sponsorship on graduate student outcomes.	In Leydesdorff, L. & Etzkowitz, H. Eds). A triple helix of university-industry-government relations: The future	graduate Student

theme A	theme B	theme C		
1	14	15		sent
4	0	9	14	
7	0	9		
7	0	15		

- Tarant, S.A. (2004) The Role Of Organizational Boundary Spanners In Industry/University Collaborative Relationships.

Table 14. Multivariate Results

Variables:	Dependent Measures						
	Logistic Regression (log-odds)					OLS Regression (b)	
	R&D	Commercial-ization	Professional Networking	Students Hired		Dollar Value	Research Relevance
Individual Characteristics							
Age (#51)	--	--	--	--		0.14*	--
General Role Characteristics							
IAB Tenure (#7)	--	NS	NS	--		--	--
Distance from Center (#54)	--	--	--	0.80*		--	--
Performance Appraisal (#5)	NS	1.4*	NS	--		--	0.19**
Size Budget (#6)	NS	NS	--	--		0.17**	--
Hours Worked Week (#9)	--	NS	--	--		--	--
Days Travel for Work (#10)	--	--	--	0.50*		--	--
Role Scales							
Basic IAB Representation	--	--	1.3*	--		--	--
Internal Boundary Spanner	1.7*	--	--	--		--	0.13*
External Boundary Spanner	1.9***	1.5**	2.0***	1.6**		0.28***	0.15*
Technology Champion	1.8***	1.3*	--	--		--	0.27***
<i>Chi Square X²</i>	65.68***	39.03***	40.36***	18.47***	F=	32.65***	26.38***
<i>Analog R²</i>	12%	8%	7%	8%	R ²	15%	33%
<i>Chi Square X²</i>	18.02***	20.56***	5.71*	11.27**	F=	8.91***	38.30***
<i>Analog R²</i>	3%	4%	2%	5%	R ²	8%	15%

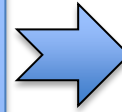
*p<.05, **p<.01, ***p<.001

What you can do to maximize your membership investment

Evaluator Research on IAB Roles and Center Outcomes

IAB Behaviors as an External Boundary Spanner:

- Having discussions with Center faculty to develop new proposals that are consistent with the firm's goals
- Contacting center investigators outside of Center meetings
- Proposing research ideas and topics for Center investigators to pursue
- Making recommendations to modify research projects already in progress



OUTCOMES

- R&D Benefits
- Commercialization
- Students Hired
- Follow on Research within Organization
- Research Relevance
- Networking

Tarant, S.A. (2004) The Role Of Organizational Boundary Spanners In Industry/
University Collaborative Relationships.
<http://www.ncsu.edu/iucrc/PDFs/IUCRC%20Pubs/Tarant%202004.pdf>