

Student Scholarship: A Valuable Asset and Explaining Downloads

Paper Presented by

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Texas Digital Conference
University of Texas at Austin
May 24, 2012



Daniel
Reed



Charles Zech



James Quintero

Factors Contributing to Download Activity for
Applied Research Projects Completed at Texas
State University in the Master of Public
Administration Program (2009)



Lewis Stewart's
Applied Research Project



Open Access Digital Repository: Sharing
Student Research with the World (2012)
pp.157-182

Presentation Plan



Lamar Collins

1. MPA Program and Capstone Papers
2. Changing perceptions about student work
3. Reasons to make student research widely available
4. Exceptional Download activity
5. Factors that influence download rates (Regression results)
6. Library/academic cooperation made it possible



Dee Ellis

Facts:

- 1974
- Accredited (1988)
- 160+
- Part time working student
- Evening classes
- 45% minority
- Noted for high quality student research

Characteristics of Papers

1. 50 -100 pages
2. Defended before a committee – VETTED
3. Three/four course sequence
4. State or local government
5. Policy/Management in Public Sector
6. Program evaluation
7. Survey, Interviews, existing data, content analysis...
8. Descriptive and Multivariate Statistics
9. ~ 375 papers 1978 – 2012 (mostly since 2006)



Moses Ruiz



Larry Douglas

Three/four Course System

– articles and book

Shields, P. M. (1998). Pragmatism as a philosophy of science: A tool for public administration. *Research in Public Administration*, 4 , 195–225.

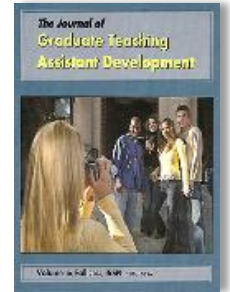
Shields, P. M. (1999) Getting Organized: A Pragmatic Tool for Writing Graduate Papers. *Journal of Graduate Teaching Assistant Development*. 7(1): 5-17/

Shields, P. M. (2003). A pragmatic teaching philosophy. *Journal of Public Affairs Education* , 9 (1), 7–12.

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Presentations

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- Shields, P. 2010. Writing Excellent Research Papers` presented at the Student Summit. American Society for Public Administration Annual Conference. San Jose, CA, April .
- Shields, P. 2007. Organization: The Key to Successful Research Papers.` Graduate College Writing Workshop. Texas State University-San Marcos. Marcos, TX, September .
- Shields, P. and Hassan Tajalli. 2005. Theory: The Missing Link in Successful Scholarship.` Presented at the Annual Conference of the National Association of Schools of Public Affairs and Administration. Washington, D.C., October.
- Shields, P. 2004. Assessing Student Learning by Emphasizing Project Management Skills,` Presented at the Annual Conference of the Southern Association of Colleges and Schools, Commission on Colleges. Atlanta, GA, December.
- Shields, P. 2004. Enhancing the Quality of Student Papers,` Presented at the Annual Conference of the National Association of Schools of Public Affairs and Administration. Indianapolis, IN, October.
- Shields, P. 2004. Kick-start Your Writing Workshop,` Faculty Advancement Center & Graduate College. Texas State University-San Marcos. San Marcos, TX, October.
- Shields, P. 2003. The Step-by-Step Method of Writing Research Papers,` Presented at The Texas Association of Deans of Liberal Arts And Sciences, Austin, TX, February.
- Shields, P. 2002. Writing Skills Toolbox: Overcoming Writer's Block: Procrastination, and Perfectionism,` Executive Women in Texas Government Annual Professional Development Conference. Austin, TX, November 25.
- Shields, P. 2001. "Step by Step: Building a Research Paper." Presented at the American Society for Public Administration Annual Conference. Newark, NJ, March.
- Shields, P. 1998. "Getting Organized: A Pragmatic Tool for Writing Papers," Presented at the International Consortium for Educational Development in Higher Education Annual Conference. Austin, TX, April 19-22.
- Shields, P. 1998. "Essential Elements of the Notebook Method," Presented at "The Long Range View: Army ROTC Platoon Conference." Fort Monroe, VA, June 21- 23.
- Shields, P. 1998. "Kick Starting and Organizing Writing Projects: A Practical Tool for Faculty and Students," Faculty Advancement Center Workshop. Southwest Texas State University. San Marcos, TX, September 17.
- Shields, P. 1998. "Kick Starting and Organizing Writing Projects: A Practical Tool for Faculty and Students," Faculty Advancement Center Workshop. Southwest Texas State University.(This workshop was sponsored by the Graduate College and was targeted at Graduate Teaching Assistants) San Marcos, TX, November 11.



Nicholas
Johnson



Aida Douglas

Predominate Perceptions about Student Work

“Typically student work has **no value beyond its demonstration of student learning** which is captured in a grade. Typically the student work itself is discarded after being evaluated and only the evaluation is saved. The evaluation is typically a drastically reduced representation of the work which has no value beyond the educational assessment” (39)



Leave with knowledge

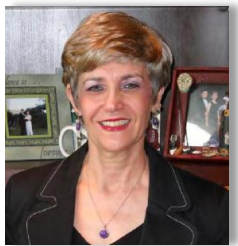
“One faculty member who heard about this framework responded, ‘**my students never create anything that would be of interest to anyone outside my courses.**’ We were somewhat taken aback by his position, and privately wondered why this faculty member had chosen a career in teaching given such a pessimistic view of students and their abilities.” (47)

[Levin, Burbules and Bruce](#) (2005)

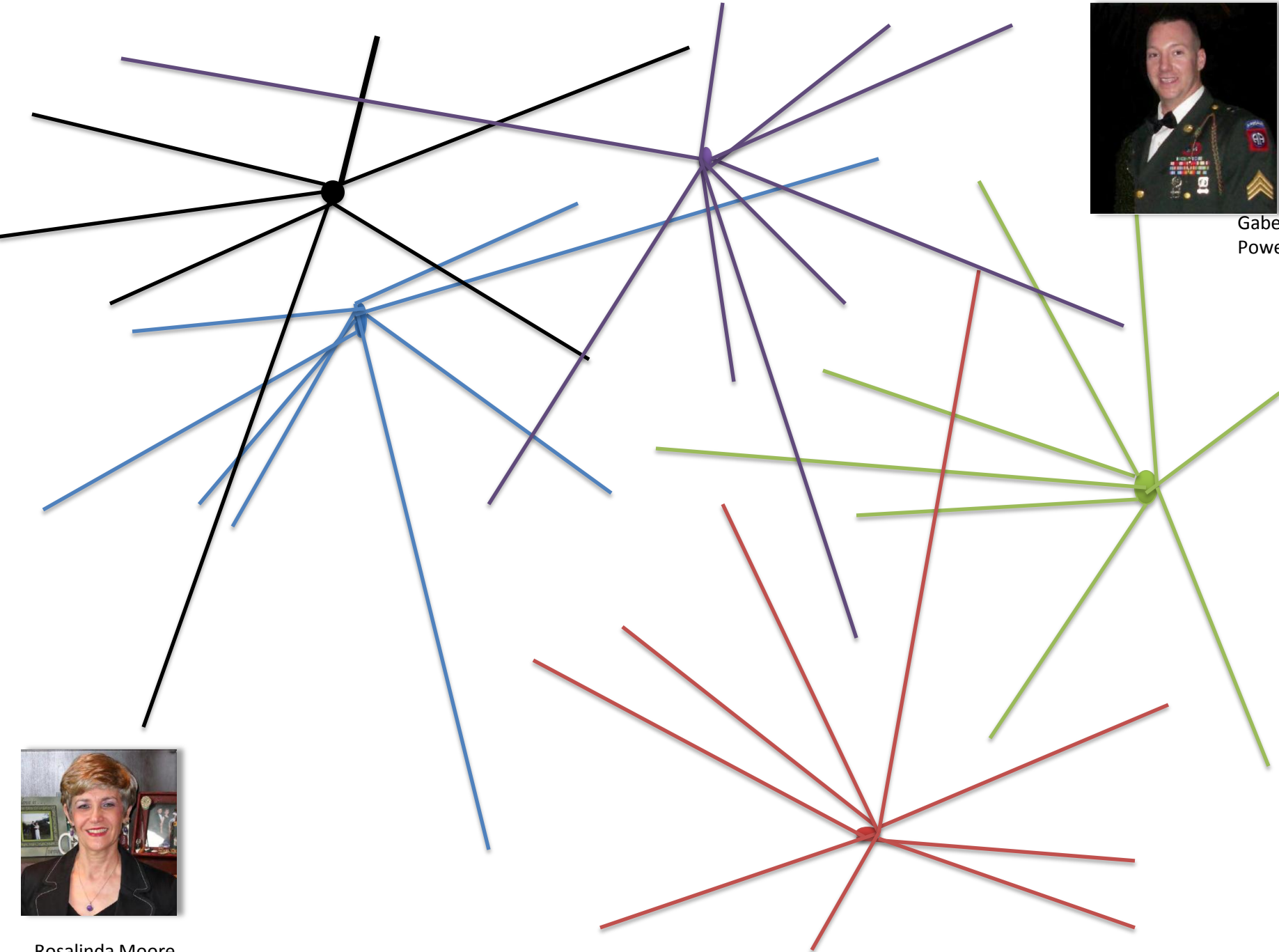
“From Student Work to Exemplary Educational Resources: the case of the CTER White Papers” *E-Learning* 2(1): 39-49



Gabe
Powell



Rosalinda Moore



Another look at Student Research

- Quality student research is an underutilized resource that needs to find its rightful place in the knowledge realm.
- Student research is a type of public good, often subsidized by taxpayers.
- Scholarly works available through open access digital repository promote an institution, program
- Motivates Students
 - Embarrassment
 - Job opportunity
 - Promotion opportunity



Brian O'Neill



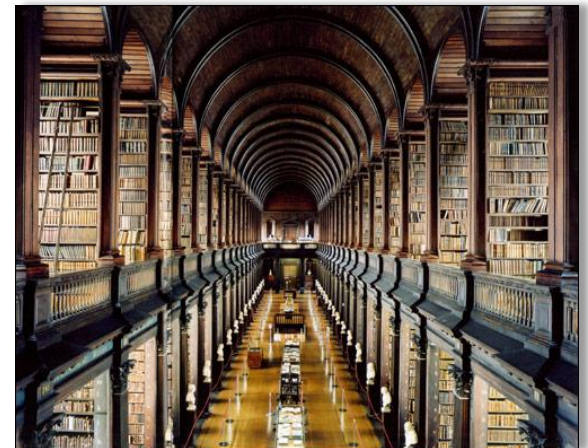
Ismael Amaya

“The mission, governance, and curriculum of eligible programs shall demonstrably emphasize **public service values**”*

– advance knowledge, research and practice in public affairs and policy

"Librarians Value Service Most"**

**Source: Katherine Branch, "Librarians Value Service Most," *College and Research Libraries News* 59 (March 1998), p. 176.



Top Ten Downloads*

Author	Title	On web	Downloads
M. McClenny	A Study of the Relationship Between Absenteeism and Job Satisfaction, Certain Personal Characteristics, and Situational Factors for Employees in a Public Agency	2007	10,756
M. Roberts	Applying the Andragogical Model of Adult Learning: A Case Study of the Texas Comptroller's Fiscal Management Division	2007	6,513
E. Zarate	Child Protection in Texas: Caseworkers Attitudes and Perceptions Towards CPS Services	2007	6,394
C. Salinas	A Preliminary Analysis: Prison Models and Prison Management Models and the Texas Prison System	2009	4,397
L. Collins	Assessing Middle School Sex Education Programs	2009	4,238
J. Sievert	Evaluation of Structured English Immersion and Bilingual Education on Reading Skills of Limited English Proficient Students in California and Texas	2007	4,167
D. Ellis	Carcass Disposal Issues in Recent Disasters, Accepted Methods, and Suggested Plan to Mitigate Future Events	2006	4,082
B. Kessler	Perceptions of Texas Parks & Wildlife Game Wardens about Effectiveness of Law Enforcement Programs	2006	4,063
M. Whitmore	Success Through Succession: Implementing Succession Planning at the Texas Department of Insurance	2007	3,726
D. McCauley	The Impact of Advanced Placement and Dual Enrollment Programs on College Graduation	2007	3,323
TOTAL	ALL 374 Applied Research Projects	2006 - 2012	372,533

*Downloads calculated as of March 2012

Downloads at selected educational institutions*



Gabe Cardenas

Institution		Number of papers*	Total downloads*	Average downloads
1.	Yale Law School	168	95,740	569.9
2.	Texas State University MPA applied research projects	294	154,465	525.4
3.	Cornell University Law Library	416	159,256	382.8
4.	Texas State University	1,151	367,988	319.7
5.	Cornell University	10,057	1,840,605	183.0
6.	Pace University	2,934	404,298	137.8
7.	Thomas Jefferson University	2,376	298,254	125.5
8.	Georgetown University Law Center	410	48,625	118.6
9.	University of Pennsylvania	12,503	1,375,559	110.0
10.	University of Georgia School of Law	1,249	119,827	95.9
11.	University of Nebraska-Lincoln	37,788	3,217,745	85.2
12.	Connecticut College	595	47,192	79.3

*As of August 2010

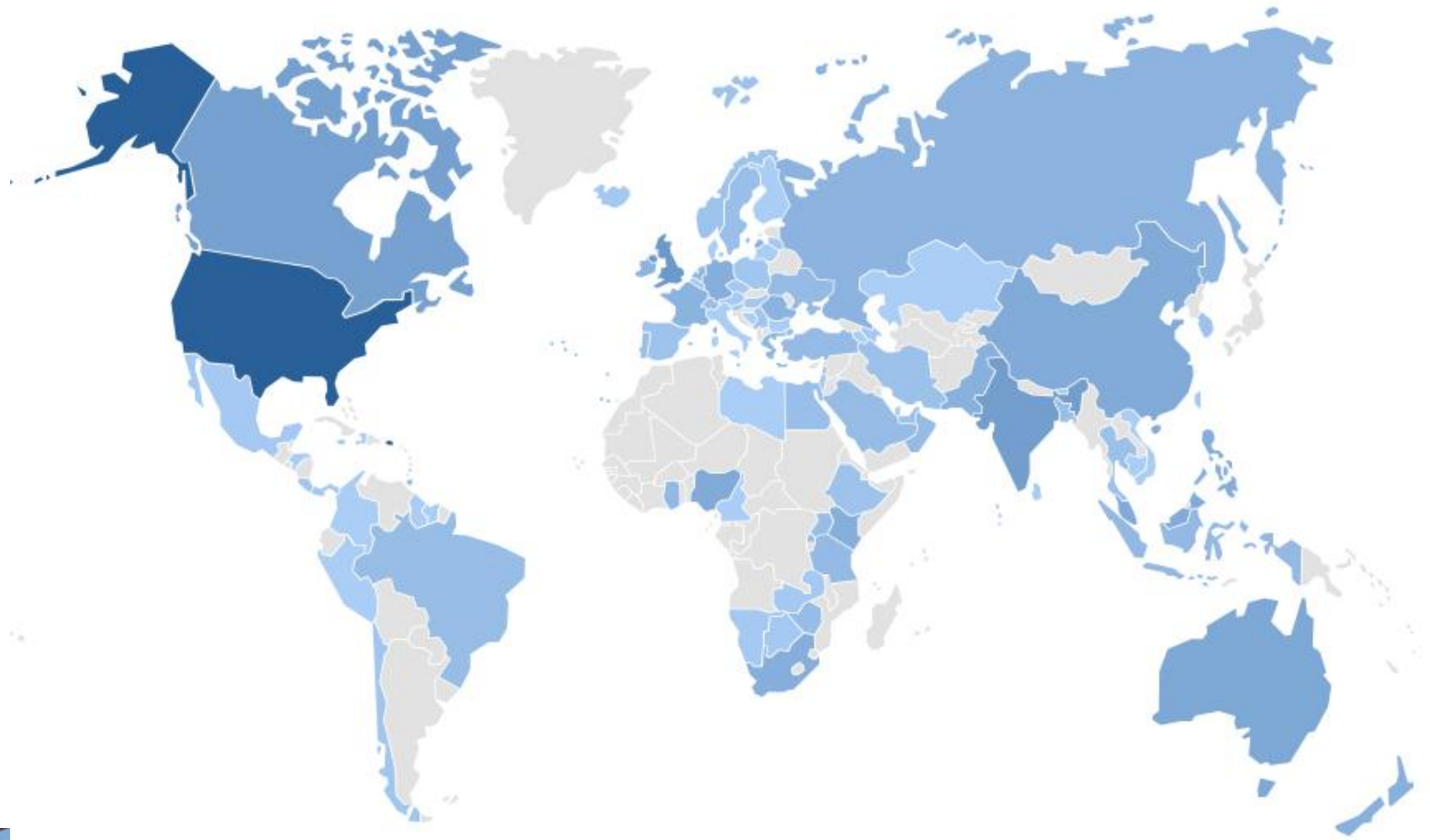
Knowledge Growth



Angela
de Leon

Author	Topic	Cited/Used
Ellis	Carcass Disposal/emergency	<ul style="list-style-type: none"> • <i>Organic Recycling</i> (Korean) • <i>Environmental Science & Technology</i> • U KY Center for Green Marketing
Oaks	Effect of snack tax on obesity	<ul style="list-style-type: none"> • Washington Legal Foundation • Bulletin of World Health Organization
McCauley	Advanced Placement & Dual Enrollment	<ul style="list-style-type: none"> • <i>Teaching w/ poverty in Mind</i> (book) • TX Public Policy Foundation • Dissertations (UCLA, UT Arlington)
Quintero	Regional Economic Development	<i>Regional Science Policy and Practice</i>
Grau	Municipal performance measurement	<i>International Journal of Business & Management</i>
Revel	Law enforcement Stress Management Curriculum	<i>Applied Psychology in Criminal Justice</i>
Casas	University Information risk assessment	U of Tech, Sydney (in house publication) – “Managing Risk University Wide”
Marlin	Survey – Bicycle Safety Austin	Results presented before Austin City Council

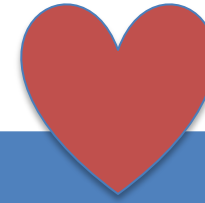




Melissa
Alverado

International Exposure
(countries in a month)

Use in Developing Countries



ARP Topic	Search Engine Terms	Country
Public Participation/ state & local government	Factors affecting public participation	Iraq
Prison management models	Prison management system methods	Ghana
Cost benefit analysis of automated circulation systems (1996)	<ul style="list-style-type: none"> Library circulation systems Cost Benefit analysis process automation Cost benefit automation 	Jamaica Singapore India
Private prison contracts	“private prison” case studies	India
Assessment of Municipal employees	Employee assessment in municipality	Iran
Succession Planning	Rules and requirements for filling vacancy with succession planning	Malaysia
Environmental analysis of vehicle inspection	Environmental impact of vehicle inspection stations	Iran



Martha Castex -Tatum

Empirical Study Purpose

- Examine the factors that contribute to Downloads.
 - Content
 - Search engine optimizers



Richard Mendoza



Jeff Goldberg

Tested 10 Hypotheses: Factors that influenced Downloads

Content Factors

- State Government (H1)
- Explanatory Purpose (H2)
- Survey Research (H3)
- Award Winner (H4)

Search Engine Optimizers

- Length of time on Web (H5)
- Title Construction (H6)
- Bibliography size (H7)
- Wikipedia Reference (H8)
- Cited by others (H9)
- Links to other works (H10)



Amy Duhon



Erin Tresner

Measuring the Variables

Dependent variable		Measurement		Data source
Number of downloads		Actual number of downloads as of 8/18/09		The Berkeley Electronic Press
Independent variables		Hypothesis # and direction of effect		
State government	1	+	1 = state; 0 = other	ARP content analysis
Explanatory purpose	2	+	1 = explanatory; 0 = other	ARP content analysis
Survey research method	3	+	1 = survey; 0 = other	ARP content analysis
Award winner	4	+	1 = award; 0 = no award	Awarding-winning ARP Website
Length of time on Web	5	-	serial number – lower numbers indicate a longer time on the Web	ARP Website
Two-part title	6	+	1 = two-part; 0 = one-part	ARP content analysis
Bibliography size	7	+	Number of entries in bibliography	ARP content analysis
Wikipedia reference	8	+	1 = yes; 0 = no	Wikipedia
Google Scholar citations	9	+	Number of citations by electronic scholarship	Google Scholar
AltaVista-identified links	10	+	Number of links	AltaVista

Factors that Explain ARP Downloads: Multiple Regression Results

Independent variables	B	Std. error	Beta	t	sig
(Constant)	494.42	76.25		6.48	.000
Sector - state government	104.71	42.74	.14	2.45	.015
Research purpose - explanation	96.49	57.18	.10	1.69	.093
Research method – survey	-5.86	42.48	-.01	-.14	.890
Serial number	-.76	.25	-.18	-3.09	.002
Title construction	-.38	42.24	-.00	-.01	.993
Award winner	-40.68	78.07	-.03	-.52	.603
Bibliography size	-1.26	1.04	-.07	-1.21	.226
Wikipedia reference	355.42	83.79	.25	4.24	.000
Google Scholar citations	40.60	14.79	.16	2.75	.006
AltaVista-identified links	4.88	3.41	.08	1.43	
R ²	.15				
F for change in R ²	5.05*				



N=290

Kevin Baum

Key Findings:

Variables with Significant Contributions to Downloads

Independent Variable	All ARPs (1978/2009) Download contribution (n=290)	ARPs 2006-2009 Download Contribution (n=71)
State Government	104	364
Serial Number*	-.76	
Wikipedia Reference	355	500
Google Scholar citation	40	57

*Low number indicate on the collection longer
(first paper on collection received a 1)

WIKIPEDIA



Andragogical learning theory

From Wikipedia, the free encyclopedia

(Redirected from [Andragogical](#))

Andragogical learning theory

Beginning in the 1950s [Malcolm Knowles](#) developed a new theory - which he called "[Andragogy](#)" - in the context of adult learners. This is often contrasted with the child's learning methods - pedagogical learning.

Among the key differences between pedagogical learning and andragogical learning is the minimized role of the educator in the latter. If someone fails to learn in an andragogical context, then it is not assumed to be the failure of the instructor.

The central idea in the context of adult learning is that it is only after convincing oneself of the rationale of learning that an adult will decide to (and be able to) learn. Hence, adults cannot be treated like children if one hopes to see learning. Therefore it is assumed that workshops and seminars organized by the students themselves create a better learning environment than those organized externally. This has led to a flurry of recent teaching innovations like student-led tutor groups and supplemental instruction programs led by above average students.

References

[e]

- Roberts, Michael (2007). "[Applying the Andragogical Model of Adult Learning: A Case Study of the Texas Comptroller's Fiscal Management Division](#)" [↗](#). Applied Research Project. Texas State University.

6,513

WIKIPEDIA

Army Intelligence


From Wikipedia, the free encyclopedia

Army Intelligence may refer to:

- The **intelligence** component of a given nation's **army**.
- In the **United States**, Army Intelligence is usually referred to as Military Intelligence (*see main article: [United States Army Military Intelligence](#)*).

Further reading

[\[edit\]](#)

- Ruiz, Victor H., 2010. "A Knowledge Taxonomy for Army Intelligence Training: An Assessment of the Military Intelligence Basic Officer Leaders Course Using Lundvall's Knowledge Taxonomy" [Texas State University](#). Applied Research Projects. Paper 331. <http://ecommons.txstate.edu/arp/331> 

2657

WIKIPEDIA





[A model records management system for Texas public utilities: An information science tool for public managers](#)

DD McLemore - 2008 - ecommons.txstate.edu

Abstract Introduction: The way in which agencies receive information changes daily as does the type of information they deal with. Whether it is on e-mail, flash drive, even paper, each tool an agency uses is considered to be a record. Public administration is no longer a "sit ...

[Cited by 4](#) - [Related articles](#) - [All 2 versions](#)

2,574

[\[PDF\] An evaluation of the **snack tax** on the obesity rate of Maine](#)

B Oaks - [Applied Research Projects, 2005](#) - ecommons.txstate.edu

Abstract Obesity has reached epidemic proportions in the United States and is becoming one of our nation's most discussed public health concerns. Americans are bombarded with advertisements for quick weight loss medications, diet plans, and novelty fitness ...

[Cited by 8](#) - [Related articles](#) - [Library Search](#) - [All 4 versions](#)

2,432

Library Department Collaboration



History of Library Collaboration

Date	Kind of Collaboration
1980s - 2005	Housed bound ARPs in Library Reference librarians assisted students with research. Celebrated success of ARPs [5 national awards]
2001 - 2005	Posted abstracts to faculty web site Posted ARPs to faculty web site
2006	Library asked if could upload ARPs to ecommons
2006 - 2007	Current and backlog ARPs posted Shields – access download data
2008 - 2012	Ongoing posting to ecommons Began linking to Wikipedia
2012+	Digital Commons



Evy Gonzales



David Wood

Sources

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[Levin, Burbules and Bruce](#) (2005). "From Student Work to Exemplary Educational Resources: the case of the CTER White Papers" *E-Learning* 2(1): 39-49

Stewart, Lewis (2009) Factors Contributing to Download Activity for Applied Research Projects Completed at Texas State University in the Master of Public Administration Program Applied Research Project, Texas State University

Shields, Patricia; Nandhini Rangarajan, Sewis Stewart. (2012) Open Access Digital Repository: Sharing Student Research with the World. *Journal of Public Affairs Education* 18(1) 157-181.



Jasmine Griffin-Ives



Mitch Sellers

Appendix

A. Excel files for ARPs

B. References for the students in the pictures

	A	B	C	D
1	Full-Text Downloads for 2006-01-01 through 2012-03-13 for Applied Research Projects, Texas State University-San Marcos			
2	Title	URL	First published	Total
3	Applied Research Projects, Texas State University-San Marcos	http://ecomr	1/23/06	372533
4	A Study of the Relationship Between Absenteeism and Job Satisfaction, Certain Personal Characteristics, and Situa	http://ecomr	7/17/07	10756
5	Applying the Andragogical Model of Adult Learning: A Case Study of the Texas Comptroller's Fiscal Management D	http://ecomr	6/4/07	6513
6	Child Protection in Texas: Caseworkers Attitudes and Perceptions Towards CPS Services	http://ecomr	6/4/07	6394
7	A Preliminary Analysis: Prison Models and Prison Management Models and the Texas Prison System	http://ecomr	8/3/09	4397
8	Assessing Middle School Sex Education Programs	http://ecomr	2/27/09	4238
9	Evaluation of Structured English Immersion and Bilingual Education on Reading Skills of Limited English Proficient S	http://ecomr	12/12/07	4167
10	Carcass Disposal Issues in Recent Disasters, Accepted Methods, and Suggested Plan to Mitigate Future Events	http://ecomr	2/28/06	4082
11	Perceptions of Texas Parks & Wildlife Game Wardens about Effectiveness of Law Enforcement Programs	http://ecomr	1/24/06	4063
12	Success Through Succession: Implementing Succession Planning at the Texas Department of Insurance	http://ecomr	1/5/07	3726
13	The Impact of Advanced Placement and Dual Enrollment Programs on College Graduation	http://ecomr	5/8/07	3323
14	Sports Facilities and Metropolitan Economic Development: The Impact of Professional Sports Facilities on Sales Ta	http://ecomr	12/14/06	3216
15	Introducing the Scorecard to Pharmacy Benefit Manager	http://ecomr	1/26/06	3063
16	Have perceptions changed among staff regarding parole officers' carrying firearms?: A description of changes in se	http://ecomr	5/8/07	2987
17	Regional Economic Development: An Economic Base Study and Shift-Share Analysis of Hays County, Texas	http://ecomr	12/12/07	2935
18	Developing a Comprehensive Needs Assessment Model for Implementation in Continuing Education	http://ecomr	2/8/06	2927
19	Comparing Physical Education Curriculums in Public Schools to a Model Type	http://ecomr	3/21/06	2732
20	A Knowledge Taxonomy for Army Intelligence Training: An Assessment of the Military Intelligence Basic Officer Le	http://ecomr	5/19/10	2657
21	Civil-Military Relations in Turkey	http://ecomr	8/22/07	2631
22	A Model Records Management System for Texas Public Utilities: An Information Science Tool for Public Managers	http://ecomr	8/6/08	2574
23	Incorporating Personality Traits in Hiring: A Case Study of Central Texas Cities	http://ecomr	12/11/07	2565
24	An Information Security Risk Assessment Model for Public and University Administrators	http://ecomr	5/16/06	2533
25	An Evaluation of the Snack Tax on the Obesity Rate of Maine	http://ecomr	1/27/06	2423
26	A Description of Domestic Partner Benefit Policies of State, County, and City Governments	http://ecomr	2/8/06	2412
27	Risk Factors Associated with Child Abuse and Mitigating Services: A Conceptual Framework	http://ecomr	12/13/07	2393
28	Analysis of Municipal Government Performance Appraisal Systems	http://ecomr	1/9/07	2296
29	An Evaluation of the Impact of Hurricane Katrina on Crime in New Orleans, Louisiana	http://ecomr	9/2/09	2286
30	A Location Quotient and Shift Share Analysis of Regional Economies in Texas	http://ecomr	7/17/07	2285
31	A Study to Describe the Centralization/Decentralization of Human Resources Services Delivered at the City of Aust	http://ecomr	4/4/06	2284
32	A Comprehensive Assessment of the DWI-Education and Intervention Programs Administered by the Hays County	http://ecomr	2/8/06	2201
33	DO MESS WITH IT!: A Sociopolitical Study of Littering and the Role of Southern and Nearby States	http://ecomr	1/27/06	2118
34	An Analysis of Texas Home Rule Charters	http://ecomr	8/23/08	2070

Appendix A

Excel File of download data

Full-Text Downloads for 2011-03-01 through 2012-03-13 for Applied Research Projects, Texas State University-San Marcos														
Full-Text Downloads for 2011-03-01 through 2012-03-13 for Applied Research Projects, Texas State University-San Marcos		D	E	F	G	H	I	J	K	L	M	N	O	
Title	UR First published	2011-03	2011-04	2011-05	2011-06	2011-07	2011-08	2011-09	2011-10	2011-11	2011-12	2012-01	2012-02	2012-03
Applied Research Projects	1/23/06	11580	10014	10458	10182	8035	6540	8359	9357	10106	9411	11274	12190	12190
A Study of the Relationship Between	7/17/07	649	356	250	194	193	186	284	531	453	330	525	665	665
A Preliminary Analysis of the	8/3/09	166	165	156	123	153	151	184	289	342	241	288	443	443
Applying the Andragogical	6/4/07	204	196	223	287	186	164	204	204	240	214	229	314	314
Assessing Middle School	2/27/09	210	248	216	254	159	99	132	145	177	201	172	295	295
Evaluation of Structure	12/12/07	185	147	225	194	153	100	110	143	161	147	158	179	179
Carcass Disposal Issues	2/28/06	112	85	162	182	89	73	94	131	140	159	213	222	222
A Knowledge Taxonomy	5/19/10	96	77	73	73	100	98	81	117	207	159	319	122	122
Success Through Success	1/5/07	95	114	136	157	100	66	96	79	78	104	164	223	223
Risk Factors Associated	12/13/07	86	77	141	174	114	68	72	76	93	109	128	236	236
Adult Protective Services	5/10/10	74	55	48	24	35	47	103	214	233	212	181	124	124
An Evaluation of the Impact	9/2/09	138	113	103	62	66	91	109	134	189	101	90	129	129
The Impact of Advanced	5/8/07	106	109	134	154	92	62	73	82	91	106	122	187	187
Introducing the Scorecard	1/26/06	76	100	137	174	81	76	107	79	77	127	166	125	125

Example of monthly downloads

Appendix B

ARPs
For
students
in pictures

Alvarado, Melissa, "Cultural Arts: An Ideal Model of Creative Capital-Based Approaches to Cultural Arts Planning" (2009). *Applied Research Projects, Texas State University-San Marcos*. <https://digital.library.txstate.edu/handle/10877/3702>

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Amaya, Ismael, "First Generation College Student" (2010). *Applied Research Projects, Texas State University-San Marcos*. <https://digital.library.txstate.edu/handle/10877/3676>

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Analysis of Student Support Services for Alabama, Arkansas, Mississippi, and Tennessee Community Colleges" (2010). *Applied Research Projects, Texas State University-San Marcos*. ¶

<https://digital.library.txstate.edu/handle/10877/3637> ¶

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