

2005-06

# College *of* Education

## RESEARCH & SCHOLARSHIP REPORT



PENNSTATE



**College of Education**

**Research and Scholarship Report**  
**2005-06**

Prepared by

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in preparing this report:**

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# NATIONAL RESEARCH OPPORTUNITIES

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Federal initiatives and the reform of public education are driven by a number of national goals for education.

1. Studies of educational organizations and their adaptation in either rural or urban settings.
2. The ability to study, analyze, and measure effective teaching and learning.
3. The development of testable theory that informs the science of learning.
4. Understanding the components that promote effective teacher education programs and teacher professional development that enhance both teaching and learning.
5. Understanding those components of family and community life that impact student academic performance.

Goal number 2 is of particular interest to the Institute of Education Sciences (IES) of the Department of Education now in its third year. Focusing on research that involves experimental design IES has clearly had an impact on research in education. They continue to promote the development of scientifically tested theory that informs teaching, learning, and school reform. During this budget cycle the National Science Foundation (NSF) received renewed funding to pursue programs that improve teaching and learning in K-12 and undergraduate disciplines of Science, Technology, Engineering and Mathematics (STEM). The objective is to encourage more U.S. students to choose careers in the STEM fields so we remain competitive in the global economy. Issues surrounding families, parenting, communities and their impact on learning continue to be of interest to the National Institute of Health (NIH). Drug and alcohol abuse and violence as they impact the community and school setting continue as an interest area of NIH.

## **STATE RESEARCH OPPORTUNITIES**

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A number of state agencies such as the Department of Community and Economic Development, the Department of Corrections, the Department of Education, and the Department of Labor and Industry, have funded research and training and development programs. The Pennsylvania Department of Education (PDE) is the main player in state funding. PDE is currently most interested in projects that will assist school districts in meeting the requirement of the federal law *No Child Left Behind* (NCLB). To that end, they have funded projects that develop science basic tests that assess student performance. They also are interested in Value Added Modeling techniques that assess student performance and school effectiveness. We have formed partnerships with PDE in the pursuit of federal funds and these collaborations have created more competitive proposals. We are currently collaborating with PDE on a number of research, training and development projects.

## **PROMOTING RESEARCH AND FUNDED PROJECTS IN THE COLLEGE OF EDUCATION**

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*College infrastructure* is an area that we have focused on to develop a climate that facilitates the search by faculty for externally funded research and development. To that end, in the summer of 2004 the Vice President for Research, Eva Pell committed funds that allowed us to hire another staff person in the Office of Research. We hired Rose Bomboy who completed her second year in the position monitoring the grants budgets. This position allowed us to utilize Tammie Fetterolf to assist with the post award administration of grants. We have also worked diligently to train the budget staff in each of our units (centers, institutes, and departments) to become more knowledgeable in all areas of grants and contracts with specific emphasis on post award administration. Vicki Spadaccio, Grants and Contract Specialist and Director of the Office of Research, past President of the Allegheny Chapter of the Society of Research Administrators, has worked with the unit budget staff during monthly meetings to develop their knowledge and skills in grants administration. In the summer of 2005, the Society of Research Administrators held

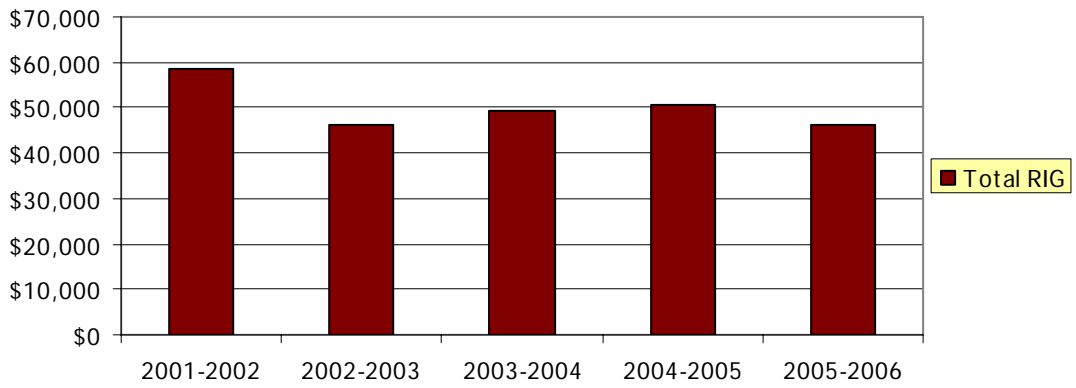
their annual conference at Penn State. My office paid the registrations of 12 staff members to attend this conference. These training and development efforts have allowed us to expand the service we provide to faculty in both the proposal and post award phases of grants and contracts. Providing these kinds of services to faculty is an important aspect in increasing interest and involvement in grants and contracts.

*Knowledge about funding agencies* continues to be an area we have emphasized. Twice a year we visit Federal agencies in Washington, D.C. The National Science Foundation Education and Human Resources Directorate and the Institute of Education Sciences are two agencies we visit during these trips. The trips have been very helpful in educating our faculty on the culture of the agencies and networking with project directors. This year we also sent several faculty to the National Institute of Health workshops. These efforts have assisted the faculty in becoming more competitive in their submissions.

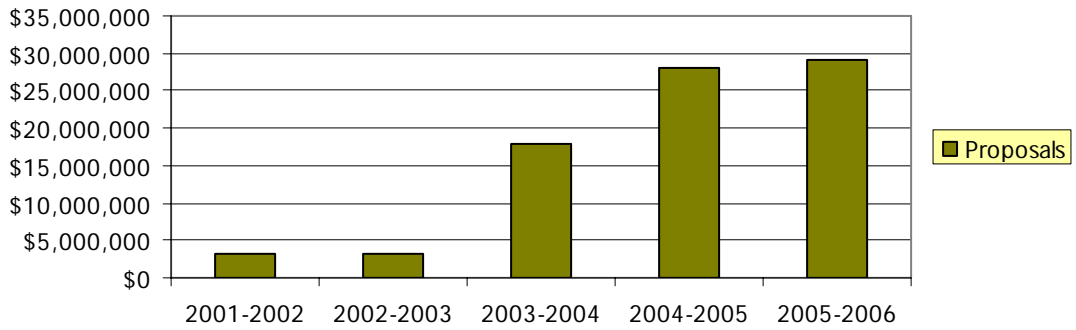
*Consortium on Children Youth and Family (CYFC)* has contributed significantly to our efforts to change the research culture of the College. We now have 4 faculty jointly funded by CYFC and the College. Faculty collaborative groups with members from the College of Education have received seed money grants of \$158,550 from CYFC during the fiscal year 2005- 2006. These seed money grants will in subsequent years lead to awards from external funding agencies.

*A Research Initiation Grant Program (RIGP)* was initiated in the College of Education in the fall of 2001 as a program to mature faculty research ideas into competitive proposal submissions to external funding sources. Grants ranged from \$5000 to \$9000 with the understanding that the home department would contribute additional resources. Awards are made after a competitive review by a committee of senior researchers in the College. Faculty not receiving funding for their original application received mentoring from the RIGP committee to further develop their idea into a fundable proposal. After consistently funding seven proposals per year, in 2005-2006 we funded eight proposals. *Figure 1* shows the level of RIG funding, the proposals generated from that funding, and the awards received.

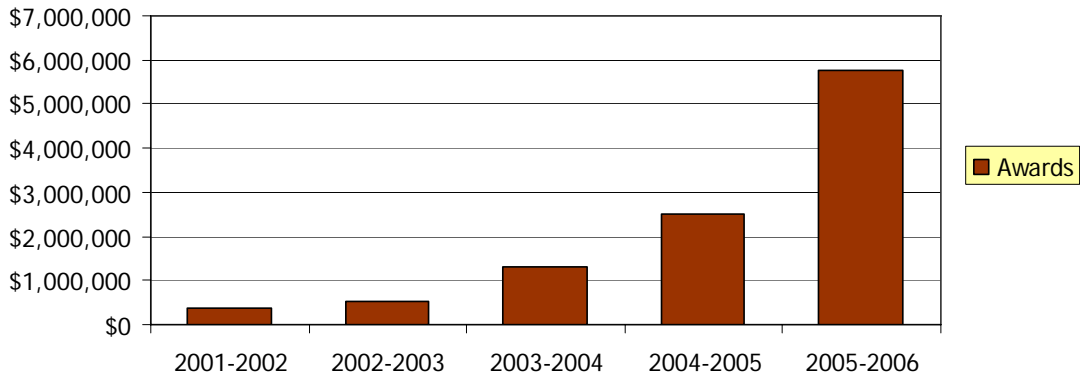
*Total RIG Awards*



*External Proposals Generated from RIG Funding*



*Awards Received*



Tracking the awards received by direct link to the topic of the RIG shows that the program continues to generate increases in the awards received in the College. *Figure 2* shows the increase in awards emanating from RIGP funded projects.

Figure 2: External Awards from RIGP Funded Projects

Award Year	# of Awards	Total RIG	Proposals	Awards
2001-2002	7	\$58,492.00	\$3,082,861.00	\$358,000.00
2002-2003	7	\$46,065.00	\$3,212,672.00	\$531,104.00
2003-2004	7	\$49,090.00	\$17,862,437.00	\$1,293,411.00
2004-2005	7	\$50,523.00	\$28,142,396.00	\$2,500,133.00
<b>2005-2006</b>	<b>8</b>	<b>\$46,025</b>	<b>\$29,072,903</b>	<b>\$5,772,362</b>

## PROPOSAL SUBMISSIONS

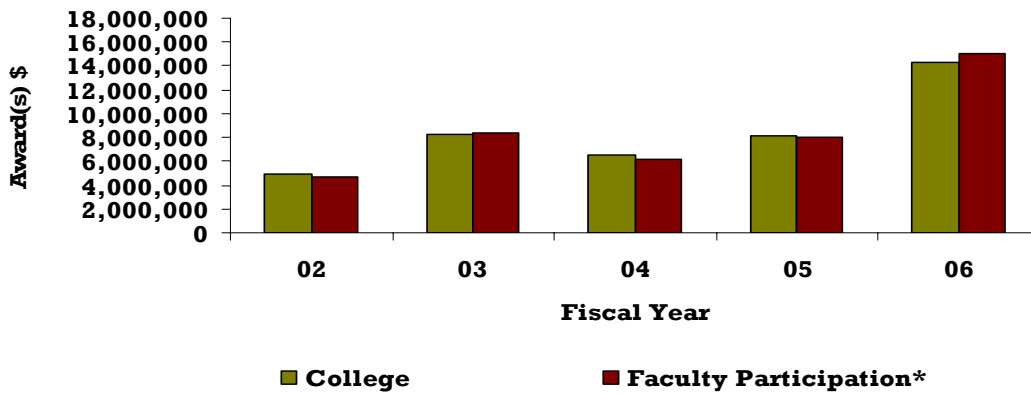
The College of Education Office of Research continues to process a significant number of proposal submissions each year. The 2005-06 academic year proposals processed amounted to \$71,823,570.

Academic Year	Amount of Proposals Submitted
2001-2002	\$15,000,000
2002-2003	\$57,000,000
2003-2004	\$84,466,036
2004-2005	\$32,864,479
<b>2005-2006</b>	<b>\$71,823,570</b>

# AWARD DATA FY 06

**Externally Funded Projects:** All externally funded projects involving College of Education faculty are listed below in (Figure 3). This figure includes grants administered by the College of Education plus involvement by College of Education faculty in research projects administered by other units in the University. Awards continue their overall upward trajectory in FY 06 with 74% increase from FY05.

Figure3: Externally Funded Projects Involving College of Education Faculty Participation Awards

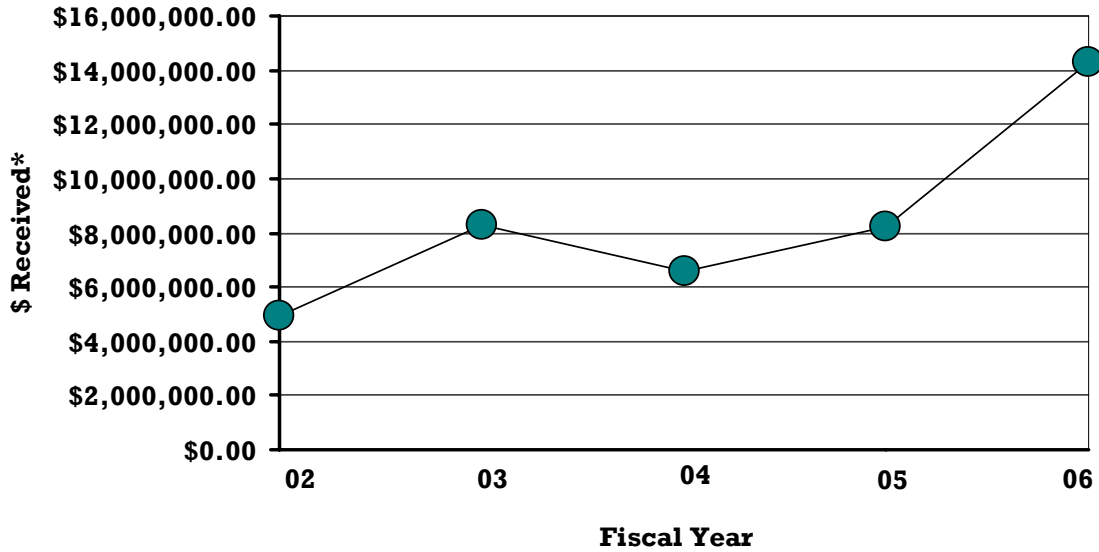


	02	03	04	05	06
<b>College</b>	\$4,912,903	\$8,263,880	\$6,547,762	\$8,191,266	<b>\$14,266,387</b>
<b>Faculty Participation*</b>	\$4,743,695	\$8,325,793	\$6,181,408	\$7,956,208	<b>\$15,047,296</b>

\* Faculty Participation is based on the distribution of credit defined by administrative responsibility for a given award, the home units of the participating faculty members are credited with only their share of the total award amount.

Awards administered by the College of Education increased 74% to \$14 million in FY 06 (Figure 4).

Figure 4: Awards Administered by the College

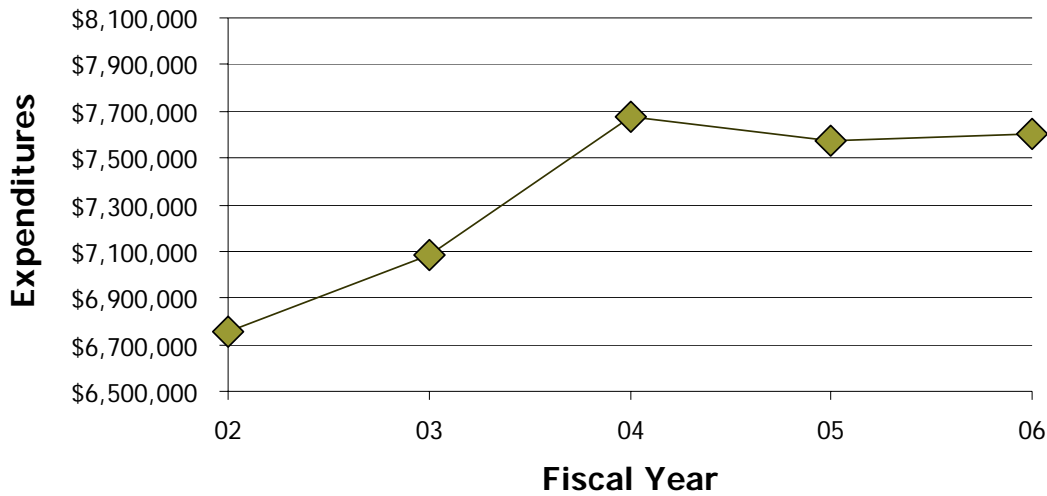


Fiscal Year	Award Amount Received
2002	\$4,912,903
2003	\$8,263,880
2004	\$6,547,762
2005	\$8,191,266
<b>2006</b>	<b>\$14,266,387</b>

*College administered awards are awards administered by the College of Education. The College has credit for the entire award amount irrespective of the contributions by faculty members from other Colleges and Institutes.*

**Award Expenditures:** The actual money spent on externally funded projects over the past fiscal year continued to fluctuate between the \$6 million to \$7 million level since 2001. In FY 06 it stands at \$7.6 million. (Figure 5)

Figure 5: Expenditures on All Sponsored Awards



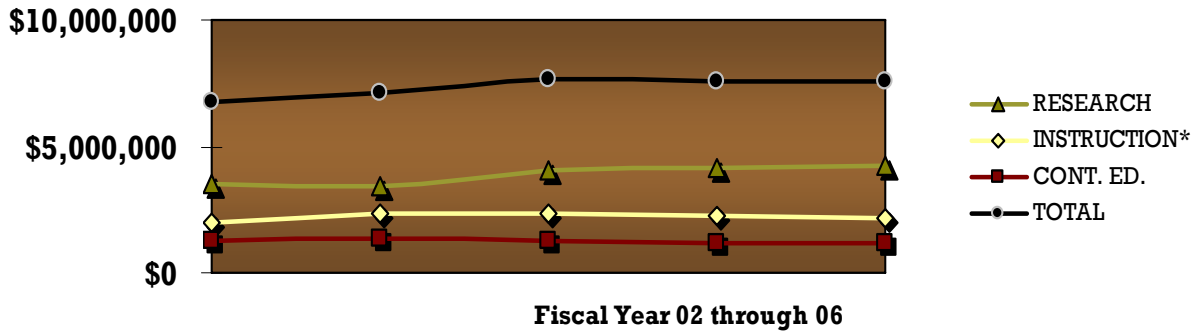
**Note:** FY 02 - 03 does not include expenditures for Institutes/Colleges outside the College of Education.

FY 04 - 06 does include expenditures for Institutes/Colleges outside the College of Education.

Fiscal Year	Expenditures	Variance
02	\$6,755,787	-12%
03	\$7,081,675	+5%
04	\$7,675,623	+8%
05	\$7,574,837	-1%
<b>06</b>	<b>\$7,601,986</b>	<b>0.40%</b>

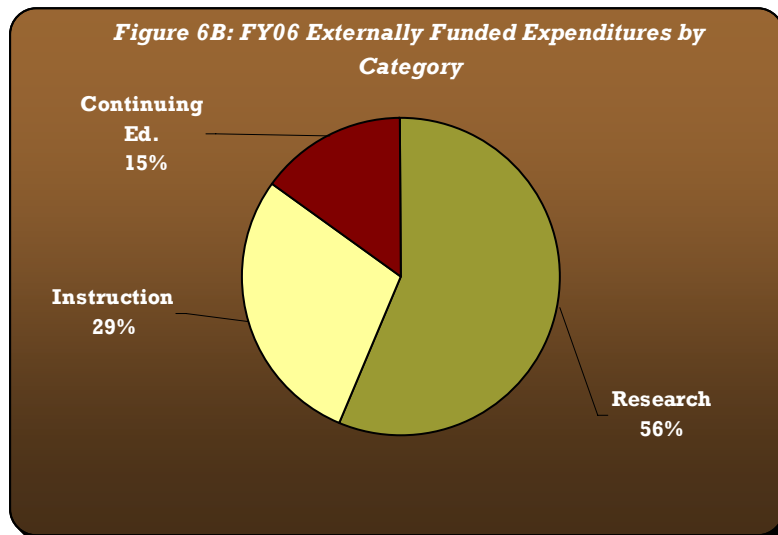
**Expenditures by Category:** This graph depicts externally funded projects based on sponsor categories. (Figures 6A & 6B)

Figure 6A: Externally Funded Expenditures by Category



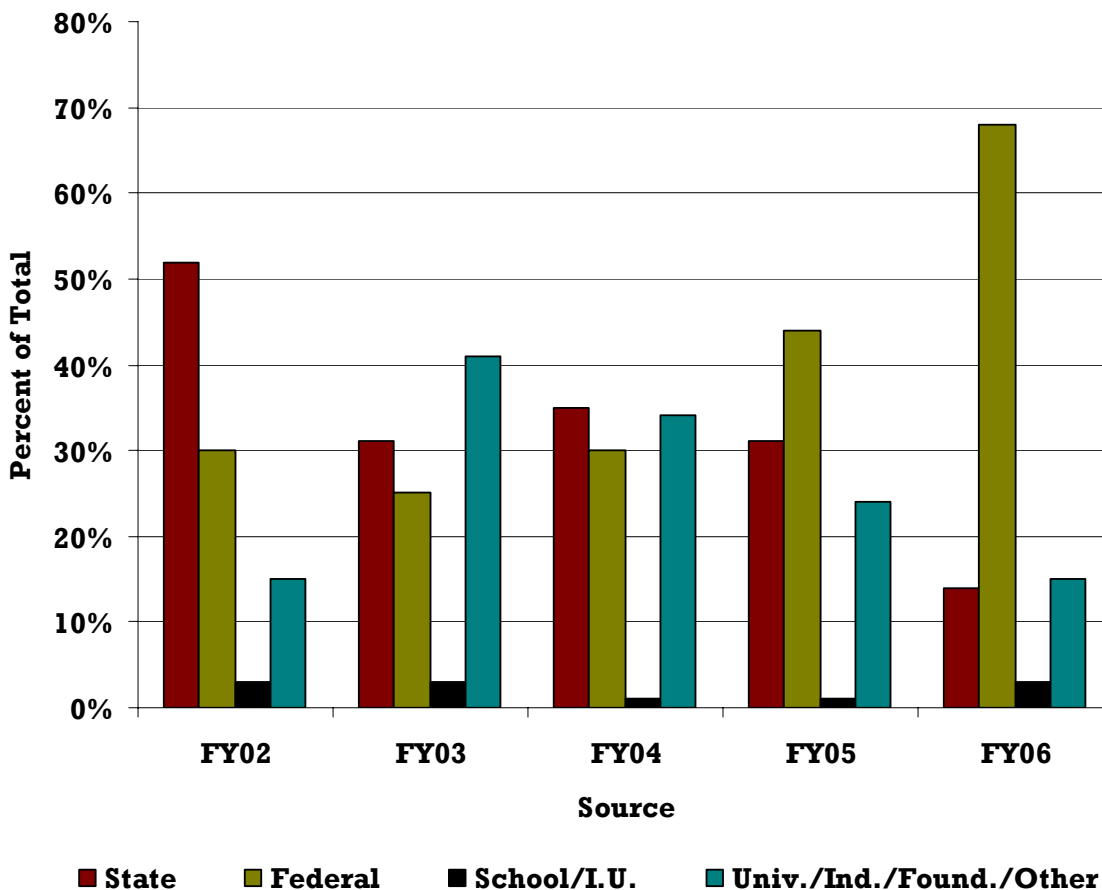
FY	RESEARCH	INSTRUCTION*	CONT. ED.	TOTAL
02	\$3,490,580	\$2,006,311	\$1,258,896	\$6,755,787
03	\$3,463,229	\$2,307,447	\$1,310,999	\$7,081,675
04	\$4,058,792	\$2,354,696	\$1,262,135	\$7,675,623
05	\$4,188,680	\$2,237,991	\$1,148,166	\$7,574,837
06	\$4,265,671	\$2,198,567	\$1,137,748	\$7,601,986

Note: FY 02 - 03 Does not include expenditures for Institutes/Colleges outside Education  
 FY 04 - 05 Does include expenditures for Institutes/Colleges outside Education



**Awarding Agency/Organization:** The chart below (*Figure 7*) depicts the origins of awards from state and federal government, school districts or Intermediate Units within Pennsylvania, universities, individuals, foundations and other organizations.

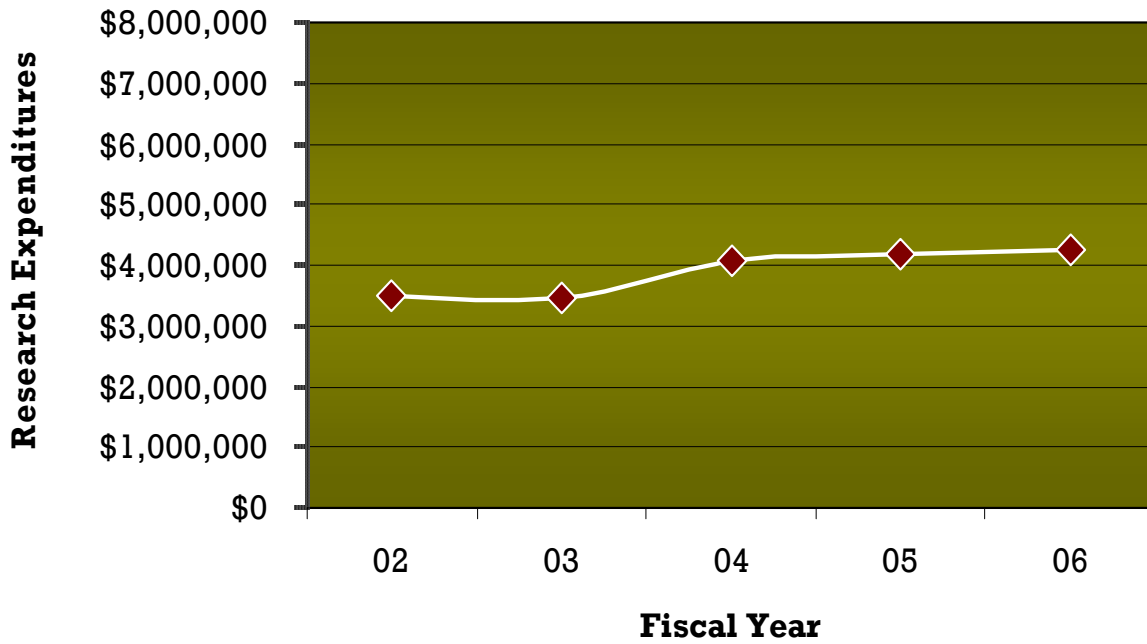
*Figure 7: Sources of Funding (Faculty Participation)*



	<b>FY02</b>	<b>FY03</b>	<b>FY04</b>	<b>FY05</b>	<b>FY06</b>
<b>State</b>	52%	31%	35%	31%	14%
<b>Federal</b>	30%	25%	30%	44%	68%
<b>School/I.U.</b>	3%	3%	1%	1%	3%
<b>Univ./Ind./Found./Other</b>	15%	41%	34%	24%	15%

# RESEARCH EXPENDITURES FROM SPONSORED PROJECTS

Figure 8: Research Expenditures from Sponsored Projects

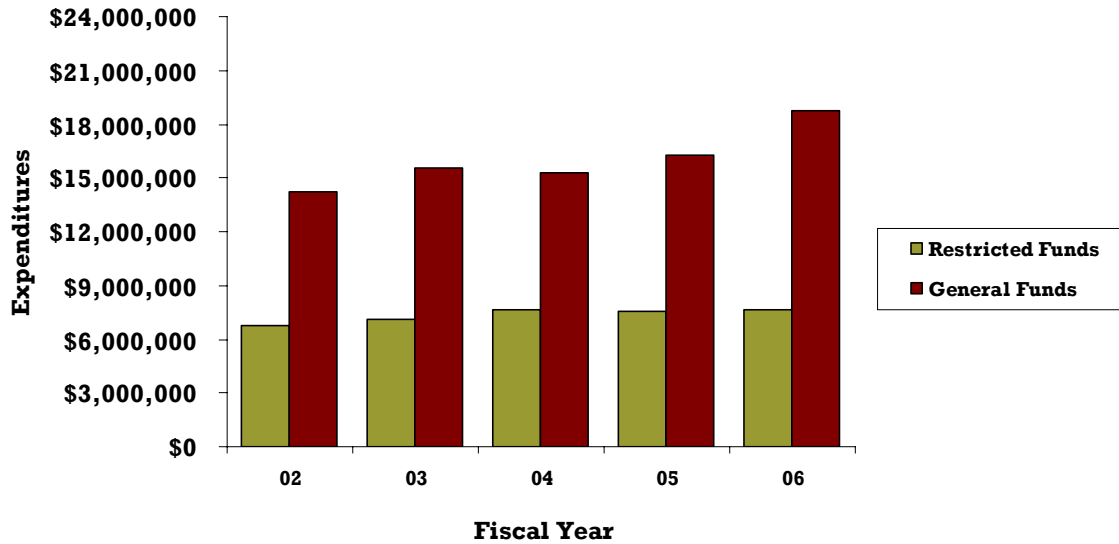


Fiscal Year	Expenditures	Variance
02	\$3,490,580	-14%
03	\$3,463,229	-1%
04	\$4,058,792	+17%
05	\$4,188,680	+3%
<b>06</b>	<b>\$4,265,671</b>	<b>2%</b>

Effective FY 04, expenditures in other Colleges/Institutes are included.

**Restricted / General Funds Expenditures** Below is a percentage of total expenditures of externally funded projects in FY 06 administered by each budgetary unit in the College. (Figure 9)

Figure 9: Restricted/General Funds Expenditures



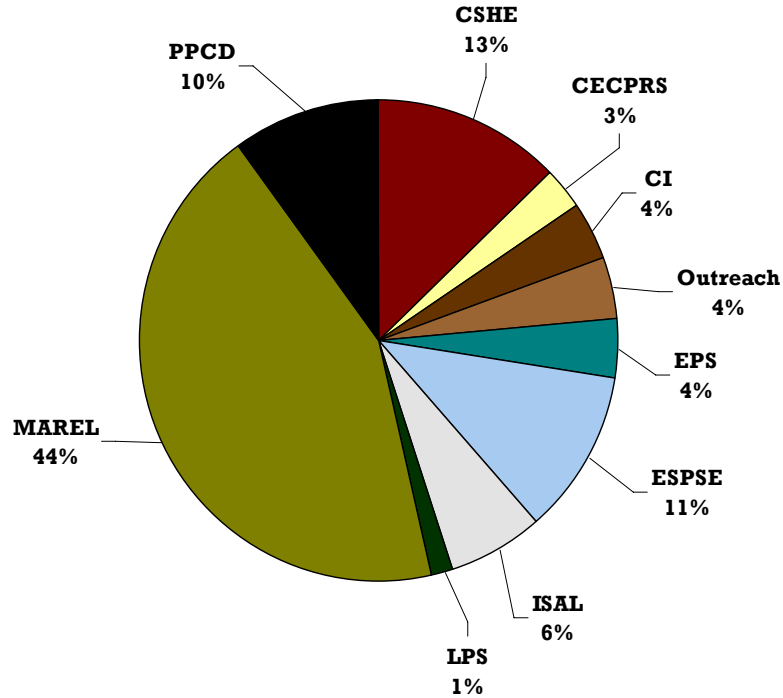
**FY 06 - restricted funds were 28.9% of total expenditures.**

Note: Effective FY 04, expenditures in other Colleges/Institutes are included.

Fiscal Year	Restricted Funds	General Funds
02	\$6,755,787	\$14,214,791
03	\$7,081,675	\$15,573,336
04	\$7,675,623	\$15,244,586
05	\$7,574,837	\$16,284,689
<b>06</b>	<b>\$7,601,986</b>	<b>\$18,744,764</b>

## AWARDS ADMINISTERED BY DEPARTMENTS

Figure 10: Awards Administered by Department



% of Total	Award \$	Dept.	
13.0%	\$1,826,390	<b>CSHE</b>	= Center for the Study of Higher Education
3.0%	\$406,715	<b>CECPRS</b>	= Counselor Ed., Counseling Psy. and Rehabilitation Services
4.0%	\$553,256	<b>CI</b>	= Curriculum and Instruction
4.0%	\$585,010	<b>Outreach</b>	= Educational Outreach
4.0%	\$566,742	<b>EPS</b>	= Education Policy Studies
11.0%	\$1,561,310	<b>ESPSE</b>	= Educational and School Psychology and Special Education
6.0%	\$908,104	<b>ISAL</b>	= Institute for the Study of Adult Literacy
1.0%	\$198,237	<b>LPS</b>	= Learning and Performing Systems
44.0%	\$6,222,871	<b>MAREL</b>	= Mid-Atlantic Regional Educational Lab
10.0%	\$1,437,752	<b>PPCD</b>	= Professional Personnel Development Center
<b>100.0%</b>	<b>\$14,266,387</b>		

# FY 2005-06 — FUNDED RESEARCH AND TRAINING PROJECTS

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## 1. Center for the Science and the Schools

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W. Carlsen	GREATT (Graduate Research and Education in Advanced Transportation Technology) Fellows Yr. 2 COP: Department of Education	7/1/05 – 6/30/06	\$74,760
	Boeing-Penn State Research Sabbatical Fellowships for Teachers. Boeing Company	2/1/05 – 1/31/07	\$129,000

## 2. Center for the Study of Higher Education

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C. Colbeck	Center for the Integration of Research, Teaching and Learning (CIRTL). University of Wisconsin-Madison	1/1/03 – 12/31/07	\$841,063
C. Colbeck , T. Furman (w/ Earth & Mineral Sciences)	Building and Maintaining a Pipeline for Diversity: A Track 2 Proposal. National Science Foundation	7/15/05 – 6/30/06	\$229,374
D. Evensen	Law Students' Critical Case Reading and Reasoning Ability: Follow-up Study in Developing an Assessment Tool (Test Implementation Phase), Phase 2b. Law School Admission Council	2/1/06 – 3/31/07	\$44,497
D. Evensen	Third-Year Law Students' Critical Case Reading and Reasoning Ability: Follow-up in Developing an Assessment Tool. Law School Admission Council	7/1/05 – 2/1/06	\$20,618
D. Evensen, L. Lattuca	Educational Innovation Through Interdisciplinary Collaboration: A Study of NSF Planning Grants, 2002-2003. National Science Foundation	11/1/02 – 01/31/05	\$136,713
D. Evensen, M. Espinosa- Dulanto (w/ Liberal Arts)	Center for Advanced Language Proficiency Education and Research. COP: U.S. Department of Education	8/15/02 – 8/14/06	\$1,048,500

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R. Geiger	NIRT: Nanotechnology and its Publics. National Science Foundation	7/15/04 – 6/30/06	\$199,887
R. Geiger, C. Sa	Doctoral Dissertation Research: On Interdisciplinary Strategies at Research- Intensive Universities. National Science Foundation	1/1/05 – 12/31/06	\$8,000
R. Geiger w/H. Foley (w/V.P. for Re- search)	The Pennsylvania State University Innovation Grant: I-99 Corridor and Philadelphia Navy Yard KIZs Department of Commerce and Economic Development	7/1/05 – 6/30/07	\$250,000
D. Heller	Access and Opportunity in American Higher Education: The Role of the States. Harvard University	3/1/04 – 6/30/06	\$42,853
L. Lattuca, C. Colbeck, P. Terenzini, J. Volkwein*	Engineering Change: A Plan for Evaluation EC2000. Accreditation Board for Engineering and Technology, Inc.	7/1/02 – 6/30/06	\$1,596,386
L. Lattuca, P. Terenzini	Prototype to Production: Processes and Conditions for Preparing the Engineer of 2020. Accreditation Board for Engineering and Technology, Inc.	2/1/06- 1/31/09	\$999,854
P. Terenzini, R. Reason	Parsing the First-Year of College. Spencer Foundation	1/1/06 – 12/31/08	\$455,525
J.F. Volkwein	A Planning Grant to Develop A Post- Master's Certificate Program in Institutional Research. The Association for Institutional Research	8/15/05 – 8/15/06	\$60,000
	Penn State Certificate Program in Institutional Research Program Report and Budget Summary 2002-2005. The Association for Institutional Research	6/1/01 – 8/14/06	\$255,000

### **3. Counselor Education, Counseling Psychology, and Rehabilitation Services**

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J. Herbert, B. Hunt	Increasing the Number of New Personnel to Meet Vocational Rehabilitation Needs of Persons with Severe Disabilities. U.S. Department of Education	8/15/01 – 8/14/06	\$369,954
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J. Herbert, L. Conyers, B. Hunt, E. Mpofu, S. Niles, K. Wilson	Increasing the Number of Qualified Rehabilitation Counselors to Work in the State Vocational Rehabilitation Program and the Number of Rehabilitation Counselor Education. U.S. Department of Education	8/01/05 – 7/31/06	\$150,000
E. Mpofu w. E./Smith (w/ SSRI)	Adolescent Drug and HIV Prevention in South Africa (NIDA). U.S. Department of Health and Human Services	9/30/03 – 6/30/08	\$1,335,283
K. Wilson, L. Conyers, J. Herbert, B. Hunt, E. Mpofu	Improving the Quality of Job Development and Job Placement Services for People with Severe Disabilities. U.S. Department of Education	8/15/03 – 8/14/08	\$376,799

#### 4. Curriculum and Instruction

B. Crawford w/ R. Redwing (w/ Science)	MPS Internship in Public Science Education Mps-IPSE: Internships for Bringing Today's Science to Tomorrow's Scientist. National Science Foundation	9/1/03 – 8/31/06	\$611,011
D. Freedman w/K. Seetharaman (w/Sciences)	Defining Core Competencies/Knowledges for General Food and Agricultural Sciences: Linking Industry Needs with Secondary Education Curriculum. Mifflin-Juniata Career Technology Center	7/1/04 – 6/30/06	\$20,000
K. Heid	Mid-Atlantic Center for Mathematics Teaching and Learning. University of Maryland College Park	8/1/00 – 8/31/06	\$3,234,624
K. Heid, G. Blume	Conferences on Research on Technology in the Teaching and Learning of Mathematics. National Science Foundation	11/15/00 – 7/31/06	\$231,766
K. Heid, G. Blume, M. Simon, T. Watanabe, R. Zbiek, D. Monk G. Kelly	Mid-Atlantic Center for Mathematics Teaching and Learning. University of Maryland	9/1/05 – 8/31/06	\$291,922
	Collaborative Research: Moving Data Based Inquiry to the Internet. University of California at Santa Barbara	11/1/04 – 12/31/06	\$74,989
J. Myers	A Pedagogy for Intercultural Critical Literacy. U.S. Department of Education	9/1/03 – 8/31/06	\$80,409

M. Nelson	Phase II: Implementing the Pennsylvania State Academic Standards for Environmental and Ecology into the Elementary Teacher Preparation Program at the Pennsylvania State University. COP: Department of Education	7/1/04 – 6/30/05	\$10,000
D. Saxe	Penn State American History Project St. Marys Area School District	10/1/02 – 9/30/06	\$211,675
D. Saxe w/V. Ziegler	Building Community: Medieval Technology and American History. National Endowment for the Humanities	6/1/04 – 10/31/06	\$159,049
M. Simon	Exploratory Analysis of Mathematics Conceptual Learning (EAMCL). National Science Foundation	9/1/04 – 8/31/05	\$149,796
R. Zbiek w/ E. Kisenwether (w/Engineering)	GE Foundation – Math Excellence. General Electric Foundation	1/1/04 – 12/31/06	\$176,000
C. Zembal-Saul	CAREER: Teaching Elementary School Science as Argument (TESSA). National Science Foundation	3/1/03 – 2/28/07	\$467,374

## 5. Dean's Office in Education

K. Peck	Educational Portal: An On-Line Curriculum Project (NetTrekker). Vira I. Heinz Endowment	1/1/06- 12/31/06	\$250,000
K. Peck, P. Terenzini, B. Van Horn, E. Prins, W. Boyd, W. Hartman, M. Heid, C. Hughes, G. Le Tendre, B. Meyer, K. Schafft, P. Van Meter	Mid-Atlantic Collaborative for Applied Research in Education (M-Care) Tasks 1-5. U.S. Department of Education	3/23/06 – 3/22/11	\$6,222,871
S. Rahman	Hubert H. Humphrey Fellowship Program (2004-2005). Institute of International Education (Fulbright)	7/30/04 – 9/30/05	\$262,656
S. Rahman	Hubert H. Humphrey Fellowship Program (2005-2006). Institute of International Education (Fulbright)	7/30/05 – 9/30/06	\$182,210

## 6. Education Policy Studies

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D. Baker	The Institutional Crisis of the German University: Assessing New Public Management Strategies to Improve the Future of University Research. Council for International Exchange of Scholars	9/1/05 – 11/30/06	\$37,000
D. Baker, D. Gamson	The Increasing Cognitive Demand of the American Mathematics Curriculum, 1890-2005. Spencer Foundation	3/1/05 – 2/29/08	\$298,425
R. Deil-Amen	Awakening to a Dream Deferred. National Academy of Education	9/1/05 – 8/31/07	\$55,000
D. Gamson	Spencer Postdoctoral Fellow. National Academy of Education	9/1/04 – 8/31/06	\$50,000
W. T. Hartman	Cost Accounting for Student-Level Resources U.S. Department of Education	7/1/05 – 6/30/08	\$1,104,161
	Impact and Analysis of Act 50	2/1/05 – 12/31/05	\$10,000
D. Mitra	Reinventing Communities. American Educational Research Association	1/1/05 – 12/31/06	\$15,000
S. Pong	The Impact of Neighborhood and School Context for Children in Immigrant Families. Spencer Foundation	8/1/01 – 7/31/06	\$299,300
S. Pong, T. Nomi, G. Le Tendre	Educational Stratification in Early Elementary School: The Causal Effect of Ability Grouping on Reading Achievement. American Educational Research Association	6/1/05 – 5/31/06	\$15,000
S. Pong (w/SSRI)	Adolescence to Adulthood in Chicago Neighborhood. Stanford University	7/1/04 – 6/30/07	\$20,862
S. Reardon (w/ SSRI)	Adolescence to Adulthood in Chicago Neighborhoods. William T. Grant Foundation	7/1/02 – 6/30/07	\$58,376
P. Morgan w/ G. Farkas (w/ SSRI)	What's Special About Special Education? Modeling the Determinants and Consequences of Special Education Placement Using the ECLS-K. American Educational Research Association	1/1/05 – 12/31/06	\$35,000

J. Tippeconnic, S. Faircloth	American Indian Leadership Program: Master's in Educational Administration to Prepare School Principals. U.S. Department of Education	7/21/04 – 7/20/07	\$1,015,231
J. Tippeconnic, A. Gajar, P. Smith	American Indian Leadership Program: Doctoral Training to Administer Special Education Programs. U.S. Department of Education	8/15/01 – 8/14/06	\$761,251

## 7. Educational and School Psychology and Special Education

J. Diperna, B. Schaefer, B. Vandiver, M. Espinosa- Dulanto	Specialization in Culture and Language Education (SCALE). U.S. Department of Education	8/15/05 – 8/14/09	\$199,989
J. DiPerna, P. Morgan, P. Lei	Development of Early Arithmetic, Read- ing, and Learning Indicators for Head Start Populations. U.S. Department of Health and Human Services	9/30/04 – 9/29/07	\$397,924
R. Kubina, P. Wolfe	Evaluation of the Competent Learner Model: Outcomes for Students with Autism. Lancaster-Lebanon IU*13*	7/1/05 – 6/30/06	\$173,512
L. Mason, J Kulikowich, P. Murphy, R. Sperling	TWA & Plan U.S. Department of Education	1/1/06 – 12/31/06	\$297,739
D. McNaughton w/ J. Light (w/H&HD)	Rehabilitation Engineering Research Center on Communication Enhancement II. Duke University	11/1/03 – 10/31/06	\$405,000
	Evaluation of a Personalized Multimedia Interface Platform for Individuals with Significant Communication Disabilities. VideoMining Corporation	10/1/04 – 9/30/06	\$199,855
D. McNaughton, K. Wilson, w/J. Light (w/ H&HD)	The Partnerships in AAC Project. U.S. Department of Education	8/15/03 – 8/14/08	\$998,898
P. Morgan w/ A. Miccio (w/H&HD)	Assessing Bilingual Phonological Development in Young Children. U.S. Department of Health & Human Services	9/30/05 – 6/30/10	\$482,470

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B. Meyer, R. Sperling, P. Lei, J. Popp, B. Van Horn	Intelligent Tutoring Using the Structure Strategy to Improve Reading Comprehension of Middle School Students. U.S. Department of Education	8/15/03 – 8/14/06	\$1,222,818
P. K. Murphy	Group Discussions as Mechanism for Promoting High-Level Comprehension of Text. Ohio State University Research Foundation	10/1/02 – 9/30/06	\$229,176
K. Ruhl	Program to Help Doctoral Students Succeed (PHDSS). U.S. Department of Education	8/15/03 – 8/14/07	\$768,311
	Program to Help Doctoral Student Recruitment, Preparation, and Retention. U.S. Department of Education	8/15/99 – 8/14/05	\$781,738
P. Van Meter, J. Kulikowich w/T. Litzinger (w/ Engineering)	A Cognitive Study of Modeling During Problem-Solving: Accelerating Progress Toward Expert-Like Performance. National Science Foundation	5/1/06 – 4/30/09	\$539,645
P. Wolfe, J. Neisworth	The Penn State Autism Project: A Master's-Level Preservice Interdisciplinary Training Program for Special Educators and Speech-Language Pathologists to Improve Services and Results for Children with Autism/PDD U.S. Department of Education	8/15/01 – 8/14/06	\$1,422,710

### **8. Institute for the Study of Adult Literacy**

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K. Hamilton, S. Webster, A. Wilson, P. Carman	Workforce Education Research Center (WERC) Year 2. COP: U.S. Department of Education	7/1/05 – 6/30/08	\$459,283
S. Sherow	Pennsylvania Literacy Corps Management Project Year 2005-2006 COP: U.S. Department of Education	7/1/05 – 6/30/06	\$99,975
	Statewide Evaluation of Even Start Family Literacy programs, 2005-2006. COP: U.S. Department of Education	7/1/05 – 6/30/06	\$114,926
B. Van Horn, M. Grumm	Tuscarora Intermediate Unit: Statewide Technical Assistance (2005-2006). Tuscarora Intermediate Unit	7/1/05 – 6/30/06	\$3,600

B. Van Horn w/ B. Gill- MacDonald (w/York Campus)	Summer Reading program 2005 Evaluation Project. COP: U.S. Department of Education	11/1/04 – 9/30/05	\$43,056
B. Van Horn w/ B. Gill- MacDonald (w/York Campus)	The Summer Reading Program Evaluation 05/06. COP: U.S. Department of Education	10/1/05 – 9/30/06	\$43,056
B. Van Horn, D. Weirauch	Local Evaluation of the Education Mentoring Program (2005-2006) Year 2. Tuscarora Intermediate Unit	10/1/05 – 9/30/06	\$25,136
B. Van Horn, D. Weirauch, M. Grumm, E. Grinder	Statewide Evaluation of Act 143 Family Literacy Programs, 2005-2006 COP: U.S. Department of Education	7/1/05 – 6/30/06	\$142,284

## 9. Learning and Performance Systems

J. DeOnna	Plastics Industry Skills Assessment. Pennsylvania College of Technology	5/25/05 – 6/30/06	\$38,400
	Training for Healthcare Workforce in South Central PA.. South Central Workforce Investment Board	12/1/05 – 6/30/06	\$480,200
K. Gray w/F. Loomis (w/Outreach)	Occupational Study Project. Keystone Research Center	10/1/04 – 6/30/06	\$47,000
C. Hoadley	Exploration of a Social Capital Framework for Evaluative Studies of Technology Integration. SRI International	3/19/03 – 8/31/06	\$195,109
	The Education Accelerator: Technology- Enhanced learning in Science (TELS). University of California at Berkeley	9/15/03 – 9/14/06	\$265,890
C. Hoadley (w/IST)	TRAILS Project Partnership. SRI International	8/15/04 – 8/31/06	\$45,048
W. Rothwell w/J. Gido (w/Outreach)	Careerlink Training Curriculum and Credentialing Program. COP: Department of Labor & Industry	2/8/05 – 2/7/07	\$3,088,964
W. Rothwell, T. Chermack, F. Loomis	Warren Community Needs Assessment Project. Warren/Forest Hi-Ed Council	10/1/05 – 2/28/06	\$33,904

P. Sharma w/K. Seetharaman (w/Ag. Sciences)	Defining Core Competencies/Knowledges for General Food and Agricultural Sciences: Linking Industry Needs with Secondary Education Curriculum. Mifflin-Juniata Career Technology Center	7/1/04 – 6/30/06	\$20,000
P. Sharma w/B. Smith (w/IST)	Fantasy Sports Games as Cultures for Information Learning National Science Foundation	10/01/05 – 9/30/08	\$751,120
K. Peck	Enhancing Education Through Technology (EETT). The Metiri Group	6/1/04 – 9/30/06	\$129,162
	Language Verification for Japanese 14 Project. Minitab, Inc.	8/16/04 – 8/15/06	\$73,188
R. Walter	Field-Based Certification of Vocational Instructors at the Pennsylvania Department of Corrections. COP: Department of Corrections	7/1/03 – 6/30/06	\$51,301 \$51,814
	Establishing Cut-Scores for NOCTI Cabinetmaking and Childcare Experienced Worker Written Examinations for Use in Pennsylvania's Certification of Career and Technical Teachers. COP: Department of Education	1/18/06 – 6/30/06	\$17,421
	VICA Leadership. Pennsylvania Skills. USA/VICA, Inc.	7/1/05 – 6/30/06	\$53,454
R. Walter, C. Pellock, B. Senapedis	Pennsylvania Governor's Institute for Career and Technical Educators: Integrating Mathematics Standards into Your CTE Program. COP: Department of Education	7/1/05 – 6/30/06	\$108,000
R. Walter, C. Pellock	School District of Philadelphia – Teach the Teachers. Philadelphia City School District	1/1/06 – 3/31/06	\$12,000
R. Walter w/D. Scanlon (w/Agriculture)	Professional Personnel Development Center for Career and Technical Education. COP: Department of Education	7/1/05 – 6/30/06	\$1,193,393
<b>10. W.F. Goodling Institute for Research in Family Literacy</b>			
B. Van Horn, E. Askov	William F. Goodling Institute for Research in Family Literacy U.S. Dept. of Education	4/1/01 – ongoing	\$6,000,000

## **FACULTY RESEARCH AND SCHOLARSHIP**

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The research and scholarship of individual faculty by department affiliation is available online. To access this list go to <http://www.ed.psu.edu/research/research.htm>.

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