

INTRODUCTION

The Division of Sponsored Research and Training was established in 1975 to provide a locus for organizing and administering the University's grant and contract activities. It is a part of the Office of Academic Affairs and reports to the Vice President for Academic Affairs. The Division director, Dr. Joyce Thomas Jones, is responsible for implementation and overall administration of sponsored programs. She is assisted by Mrs. Maggie Bowden, grants coordinator, and Mrs. Paula Meyer, the Division's secretary.

The Division is concerned with both pre and post award negotiations and procedures; assisting faculty and staff in preparing and submitting proposals, requesting funds for research, development and training programs. The four areas of responsibility assigned to the Division are:

1. To serve as the University liaison with outside funding agencies.
2. To provide sponsored program information services.
3. To coordinate the preparation and submission of proposals.
4. To administer grants and contracts.

The purpose of this report is to provide the University community and other interested publics with a summary and analysis of contract and grant activities for the period extending from July 1, 1982, through June 30, 1983. During this period the University submitted, on behalf of faculty and staff, 62 proposals on behalf of 36 persons. Total funding requested was \$3,259,251. Thirty-eight proposals were funded for a total dollar amount of \$975,457. While there was a decrease in funds requested of 52%, there was a percentage increase of 12.8% of successful proposals. In other words, faculty submitted fewer proposals but a greater number of those submitted were funded.

The listing of Research and Development Activities on page 11, is based upon an arbitrary classification system. In general, training programs involve the implementation of workshops, or the teaching of skills or the passing on of information. The applied research programs involve the solving the problems using research techniques or methods. Development programs are aimed at expanding the curriculum or services of the University.

It is particularly important to give recognition to those who applied but had their proposals declined. Often these proposals were excellent, as good or better than successful proposals, but other factors became involved, e.g., a minimal amount of funds in a particular area and a great deal of interest resulting in very stiff competition. Declined proposals can be modified, resubmitted and funded at a later date.

The goals of Sponsored Research for 1983-84 will be two-fold:

- A. Continue to maintain the high percentage of successfully submitted proposals while substantially increasing the overall number submitted; and increase the actual amount of funds awarded by at least ten percent.
- B. Design and implement a more streamlined system of grants administration in order to more efficiently serve faculty and staff researchers.

SUMMARY OF RESEARCH ACTIVITIES
ANNUAL RESEARCH REPORT
UNIVERSITY OF NORTH FLORIDA
July 1, 1982 through June 30, 1983

	Number of Proposals	Number of Persons Submitting	Proposed Amount
Proposals Submitted	62	36	3,259,251
Proposals Funded	38	42	975,457
Percent of Submitted Proposals Funded	64%		
Percent of Research Dollars Awarded	29%		

PROPOSALS SUBMITTED AND GRANTS-CONTRACTS AWARDED

College/Division Department	*Number of Proposals	Proposed Amount	*Number Funded	Amount Funded
College of Arts & Sciences				
Institute for Local Government	3	50,027	4	104,156
History/Philosophy	3	235,277	3	41,359
Mathematical Science	1	248,824		
Natural Sciences	8	82,969	3	59,615
Political Science & Sociology	2	52,155		
Psychology	2	44,969		
College of Business Administration				
SBDC	1	148,802	4	239,552
Center for Economics Education			1	12,000
Business Administration	1	49,593	1	12,000
Economics			1	8,500
Transportation & Logistics	1	114,441		
College of Education & Human Services				
Florida Institute of Education	3	893,035	1	65,000
Health and Human Services	3	122,626	2	40,624
Counselor Education	11	156,894	3	49,486
Special Education	8	630,518	3	83,792
Vocational & Technical Education	3	12,600	3	12,600
Administrative Affairs	1	92,250	1	61,550
Division of Continuing Education			1	77,032
Division of Nursing	1	3,000		
Division of Sponsored Research	2	280,603		
Division of Technologies	1	749	4	75,150
Library	1	5,000	1	1,266
Student Affairs	5	34,343	3	31,200
Student Government Association	1	575	1	575

*NOTE: Proposal submitted within a given fiscal year may or may not be funded within that year.

RESEARCH DOLLARS PER FACULTY
AVERAGE TOTAL ANNUAL DOLLARS PER TOTAL FULL TIME

	FY'81	FY'82	FY'83
College of Arts & Sciences	\$1,321	\$ 2,255	\$2,664
College of Business	\$8,471	\$ 9,714	\$5,788
College of Education and Human Services	\$6,104	\$16,988	\$4,745

Proposals Submitted and Grants-Contracts Awarded

	# of Faculty	\$ Proposed	Proposed Per Faculty Member	Funded	Funded Per Faculty Member
College of Arts & Sciences					
Inst. of Local Gov't.	2	\$ 50,027	\$ 25,014	\$104,423	\$52,212
History/Philosophy	8	\$235,277	\$ 29,410	\$ 41,359	\$ 5,170
Fine Arts	16	-0-	-0-	-0-	-0-
Languages/Literature	7	-0-	-0-	-0-	-0-
Mathematical Sciences	6	\$248,824	\$ 41,471	-0-	-0-
Natural Sciences	9	\$ 82,969	\$ 9,219	\$ 59,615	\$ 6,624
Political Sci/Sociology	14	\$ 52,155	\$ 3,725	-0-	-0-
Psychology	12	\$ 44,969	\$ 3,747	-0-	-0-
College of Business					
Administration					
SBDC	4	\$148,802	\$37,201	\$239,552	\$59,888
Center for Eco. Studies	1	-0-	-0-	\$ 12,000	\$12,000
Accounting/Finance	13	-0-	-0-	-0-	-0-
Business Admin.	19	\$ 49,593	\$ 2,610	\$ 12,000	\$ 632
Economics	5	-0-	-0-	\$ 8,500	\$ 1,700
Transportation/Logistics	5	\$114,441	\$ 22,888	-0-	-0-
College of Education and Human Services					
Fla. Instit. of Educ.	3	\$893,035	\$297,678	\$ 65,000	\$21,667
Counselor Education		\$194,351		49,486	
Curriculum/Instruction	19	-0-	-0-	-0-	-0-
Education Svc/Research	4	-0-	-0-	-0-	-0-
Health/Human Services	7	\$122,626	\$ 17,518	\$ 40,624	\$ 5,803
Special Education	8	\$630,518	\$ 78,815	\$ 83,792	\$10,474
Voc. & Tech. Educ.		\$ 12,600		12,600	
Division of Technologies	4	\$ 749	\$ 187	\$ 75,150*	\$18,788

1. Based on number of nine-month FTE per department.
2. Other Sponsored Research programs are not included in these figure.
3. Proposals pending are not included in statistics.

*Includes Feeds Program generated through statewide legislative effort.

RESEARCH BY COLLEGE/DIVISION

June 1, 1982 through June 30, 1983

COLLEGE OF ARTS AND SCIENCES - PROJECTS FUNDED

Principle Investigator	Title or Subject	Amount Funded	Agency
Dr. D. Clifford	Basic Writing Skills	\$ 267	Jax
Dr. J. Decker	Center for Local Government Administration	\$ 44,500	SUS
Dr. J. Decker	Center for Local Government Administration	\$ 52,000	SUS
	Center for Local Government Administration	\$ 6,156	Local Fees
Dr. J. Huebner	Photo-Electric Membrane Prober	\$ 39,615	NSF
Dr. T. Leonard	Judaism	\$ 1,000	CS
Ms. L. McClintock	Case Management Trainee	\$ 1,500	HRS
Dr. A. Radwan	International Communications	\$ 40,092	ICA
Dr. K. Venkatasubban	Proton Transfer Mechanism	\$ 15,000	ACS
Dr. K. Venkatasubban	Proton Transfer Mechanism	\$ 5,000	Apple
9	FY '83 Totals	\$ 205,130	
6	Previous Year Totals	\$ 121,769	

COLLEGE OF BUSINESS ADMINISTRATION - PROJECTS FUNDED

Principle Investigator	Title or Subject	Amount Funded	Agency
Dr. S. Paulson	Assessment of Tax Credits for Private Sector Research in the Florida State University System	\$ 12,000	SUS
Dr. J. Perry	Consulting with City Planning	\$ 8,500	Jax
Dr. J. Perry	Florida Center for Economic Education	\$ 12,000	FCEE
Dr. L. Salter	Small Business Development Center	\$148,802	SBA
	Small Business Institute	\$ 8,750	SBA
	State Technology Application Center	\$ 82,000	NASA
6	FY '83 Totals	\$272,052	
5	Previous Year Totals	\$281,694	

Research Efforts by College/Division
Continued

COLLEGE OF EDUCATION & HUMAN SERVICES - PROJECTS FUNDED

Principle Investigator	Title or Subject	Amount Funded	Agency
Dr. A. Robinson (FIE)	Expansion of Special Net to Universities and Colleges	\$ 65,000	FDOE
Dr. R. Siudzinski	Competency Based Teacher Training (2)	\$ 73,800	DOE
Dr. B. Gilkison	Summer Institute on Aging	\$ 1,499	AAA
Dr. S. Russell	Teacher Education Support Services (3)	\$ 12,600	FDOE
Dr. B. Soldwedel	Training Grant to Strengthen the Math and Science Skills of Florida Public School Teachers	\$ 16,836	FDOE
Dr. J. Lombana	Identification of Vocational Education Instructional Materials for Use by Handicapped Students	\$ 22,650	FDOE
Dr. J. Lombana	Parent Involvement in Career Education: In-Service Training	\$ 10,000	FDOE
Dr. R. Siudzinski	Behavior Modification Training	\$ 9,992	HRS
Mr. R. Rawls	Basic Environmental Health Training	\$ 39,125	HRS
12	FY '83 Totals	\$251,502	
11	Previous Year Totals	\$253,529	

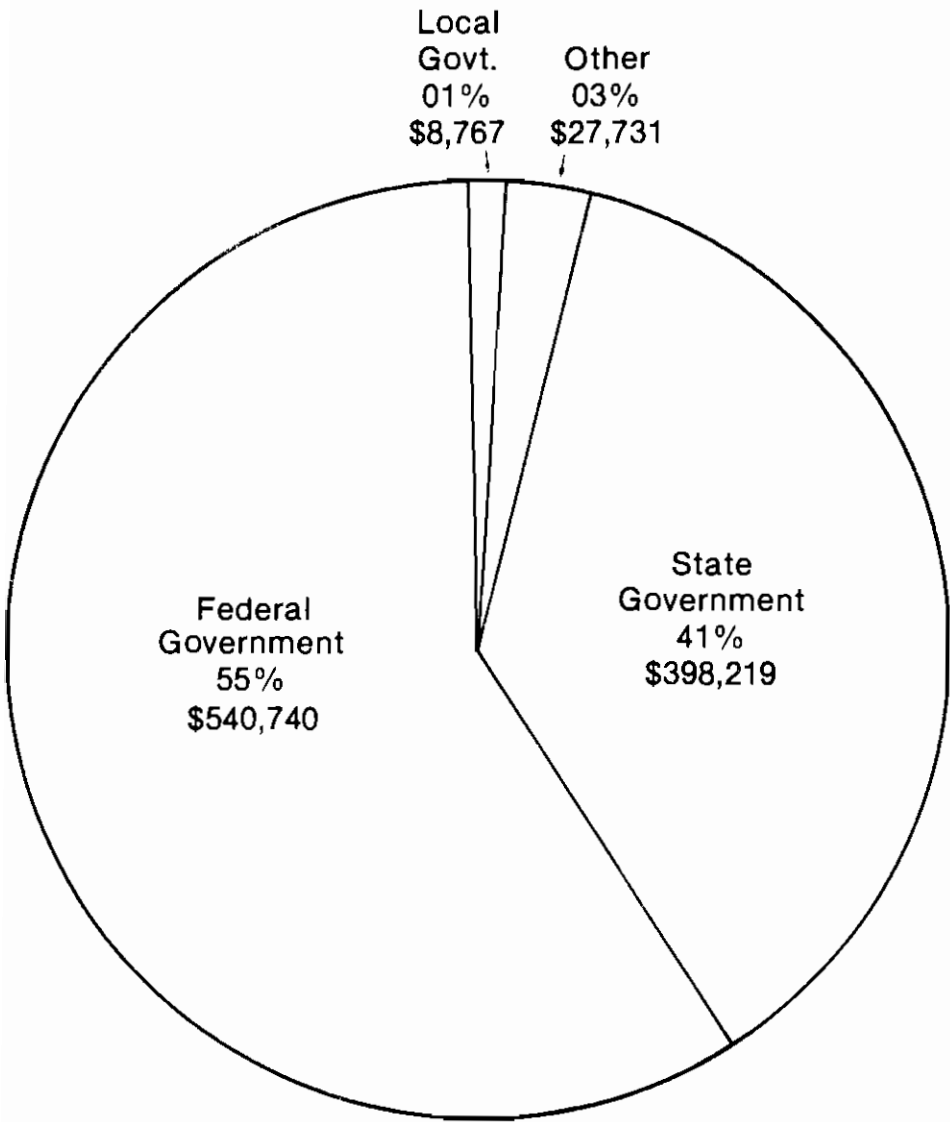
OTHER SPONSORED RESEARCH EFFORTS - PROJECTS FUNDED

Principle Investigator	Title or Subject	Amount Funded	Agency
Mr. J. Haywood	Energy Conservation Measure	\$ 61,550	DOE
Mr. J. Kelly	Management of Public Transit Authorities	\$ 77,032	UMTA/DOT
Dr. T. Healy	FEEDS (2)	\$ 72,000	FDOE
Dr. J. Adcox	A Descriptive Analysis of Building Codes in Florida (2)	\$ 3,150	FDOE
Mr. A. Farkas	Florida Library Information Network	\$ 1,266	FDOE
Dr. S. Hansford	Motivation Expectations and Learning	\$ 17,600	FDOE
Ms. K. Ray	CHOICES	\$ 6,000	FDOE
Mr. M. Argento	International House of Jacksonville	\$ 7,600	NAFSA
Ms. D. Bruce	The Road Company	\$ 575	SAA
11	FY '83 Totals	\$246,773	
10	Previous Year Totals	\$221,063	

ANALYSIS OF FUNDING BY SOURCE

	DOLLARS SOUGHT	% OF TOTAL DOLLARS SOUGHT	DOLLARS FUNDED	% OF TOTAL DOLLARS FUNDED
Federal Government	\$2,570,104	79%	\$546,740	55%
State Government	\$ 522,958	16%	\$398,219	41%
Local Government	-0-	-0-	\$ 8,767	01%
Other Sources	<u>\$ 166,189</u>	<u>05%</u>	<u>\$ 27,731</u>	<u>03%</u>
	\$3,259,251	100%	\$975,457	100%

DOLLAR VALUE OF PROPOSALS BY TYPE OF AGENCY



FUNDING BY AGENCIES

FEDERAL GOVERNMENT

Department of Education	\$ 73,800
Department of Energy	61,550
Department of Transportation	77,032
Health and Human Services	1,499
International Communications Agency	40,092
National Aeronautics Space Administration	82,000
National Association of Foreign Student Affairs	7,600
National Science Foundation	39,615
Small Business Administration	<u>157,552</u>
	\$ 540,740

STATE GOVERNMENT

Department of Health and Rehabilitative Services	\$ 50,617
Florida Council for Economic Education	12,000
Florida Department of Education	153,836
Florida Division of Libraries	1,266
Florida Institute of Government (SUS)	108,500
Florida Engineering Education Delivery System (SUS)	<u>72,000</u>
	\$ 398,219

OTHER

Local Government

City of Jacksonville	\$ 8,767
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Private Sources

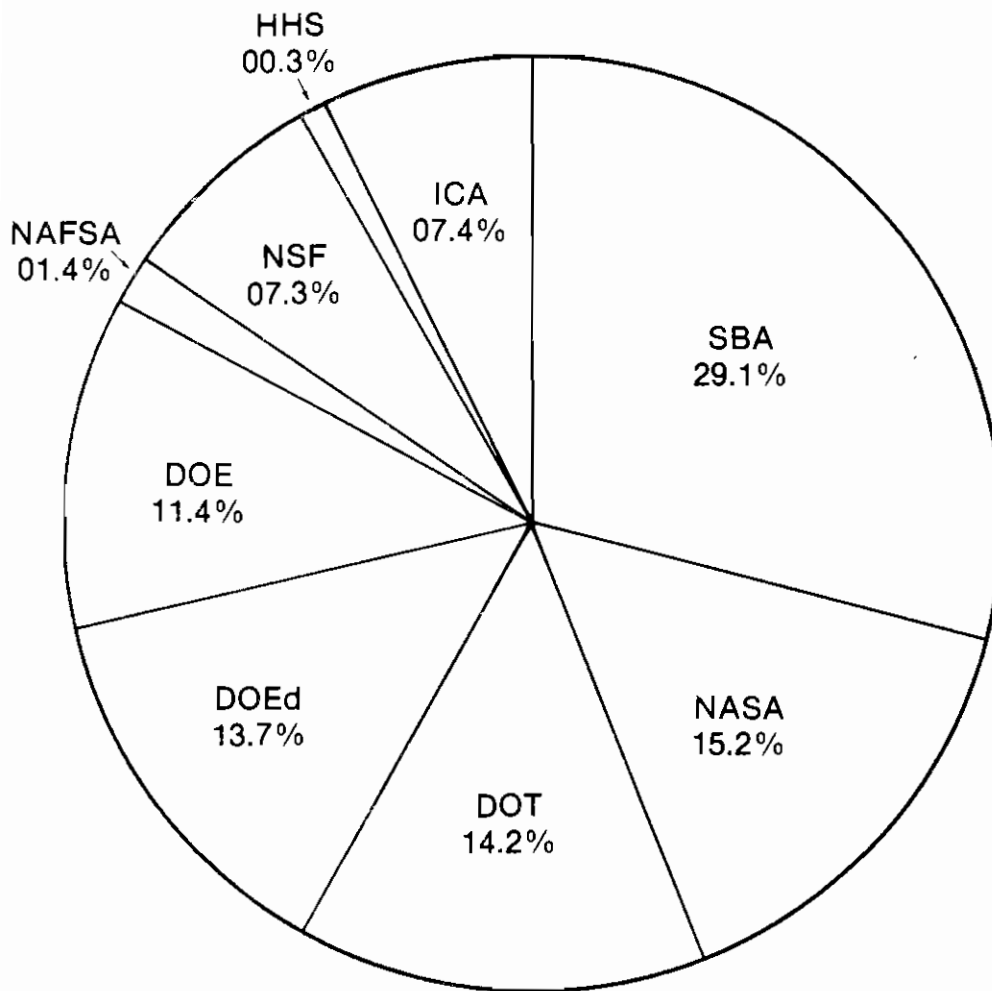
American Chemical Society	15,000
Apple Computer System	5,000
Chautauqua Society	1,000
Southern Arts Association	<u>575</u>
	21,575

Local Fees

Generated by UNF's Institute of Government	<u>6,156</u>
	\$ 36,498

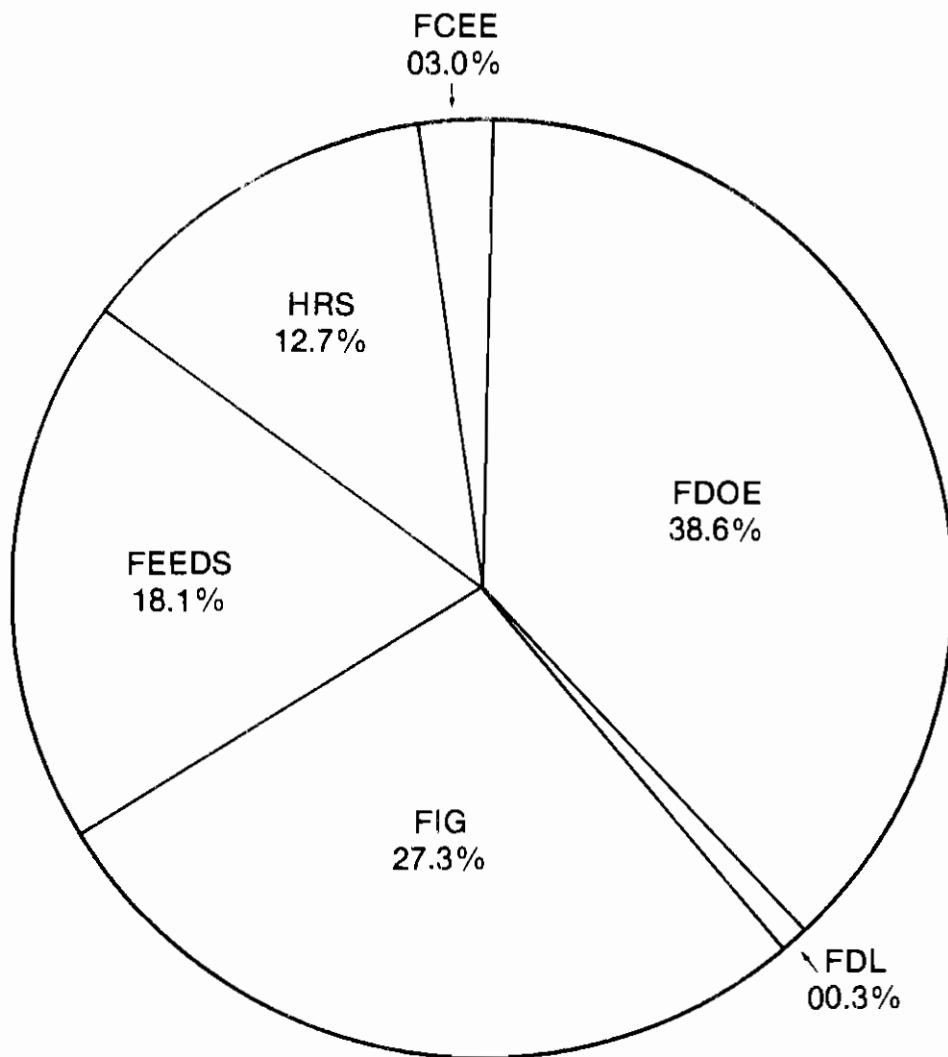
FUNDING BY AGENCIES ANALYSIS

FEDERAL



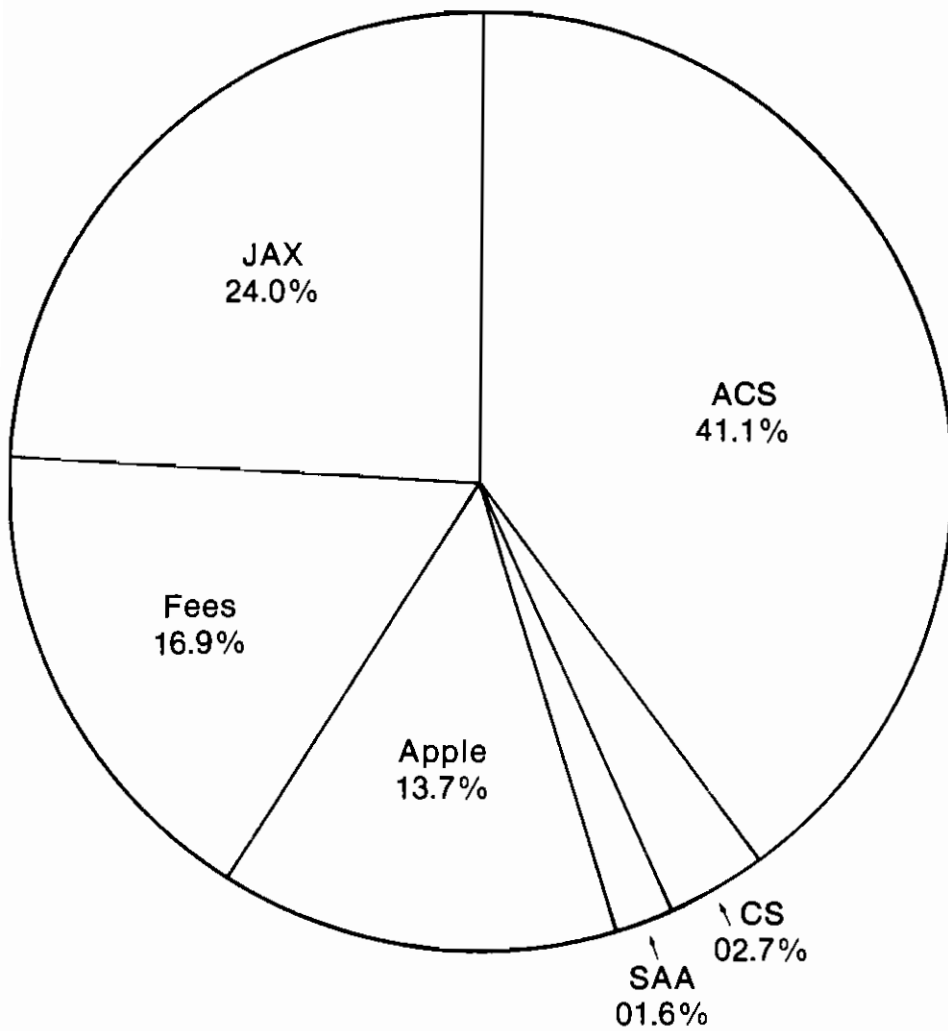
FUNDING BY AGENCIES ANALYSIS

STATE



FUNDING BY AGENCIES ANALYSIS

OTHER



RESEARCH, TRAINING AND DEVELOPMENT ACTIVITIES

BASIC RESEARCH

Proton Transfer Mechanisms (Venkatasubban)	\$ 20,000
Photo-Electric Membrane Probes (Huebner)	<u>39,615</u>
	\$ 59,615

APPLIED RESEARCH

Consulting with City Planning Department (Perry)	\$ 8,500
Center for Local Government Administration (Decker)	102,656
Identification of Vocational Education Instructional Materials for Use by Handicapped Students (Lombana)	22,650
A Descriptive Analysis of Building Codes in Florida (Adcox)	3,150
Assessment of Tax Credits for Private Sector (Paulson)	12,000
Parent Involvement in Career Education: Inservice Training Guide (Lombana)	10,000
Motivation, Expectations, and Learning (Hansford)	<u>17,600</u>
	\$176,556

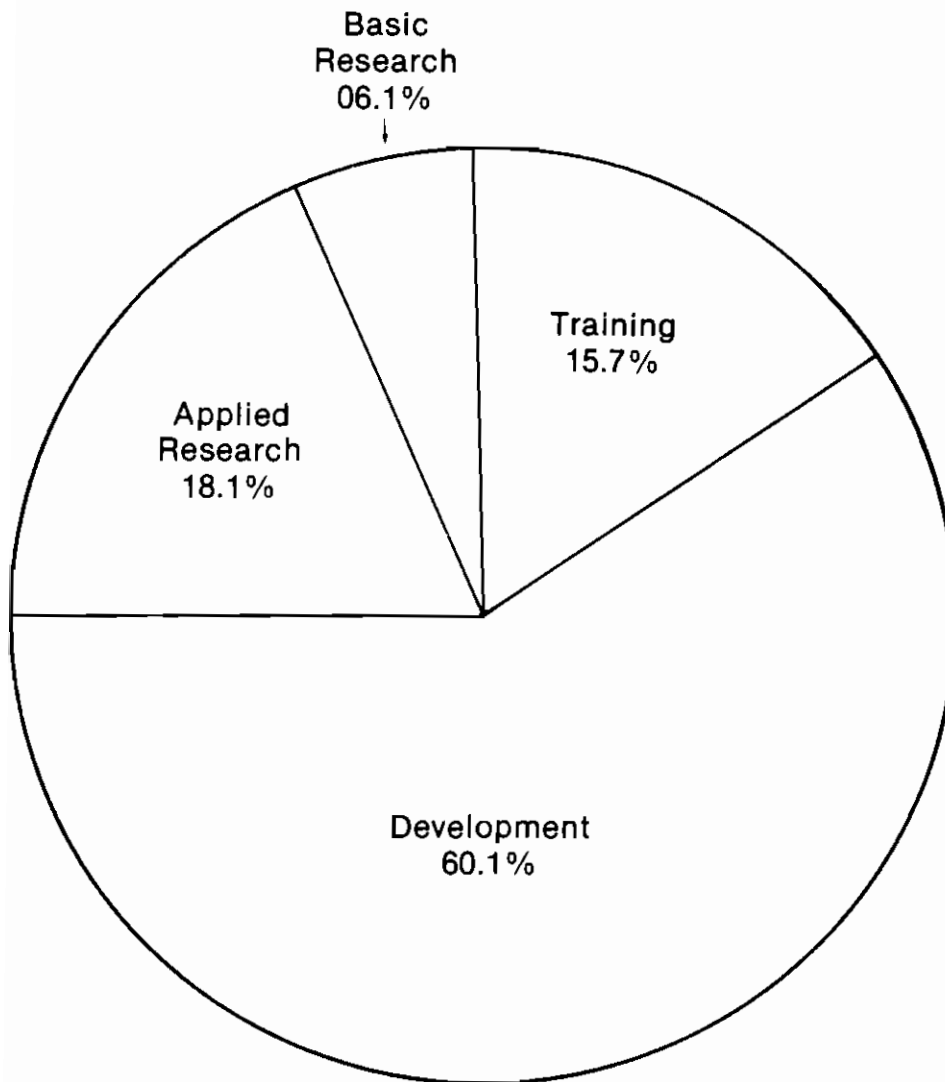
DEVELOPMENT

The Road Company (Bruce)	\$ 575
Florida Library Information Network (Farkas)	1,266
Expansion of Special Net to Universities/Colleges (Robinson)	65,000
CHOICES (Ray)	6,000
International Communications Agency (Radwan)	40,092
Small Business Development Center (Salter)	157,552
State Technology Application Center (Salter)	82,000
International House of Jacksonville (Argento)	7,600
Summer Institute on Aging (Gilkison)	1,499
Energy Conservation Measures (Haywood)	61,550
Competency Based Teacher Training (Siudzinski)	73,800
Teacher Education Support Services (Russell)	12,600
Management of Public Transit Authorities (Kelly)	<u>77,032</u>
	\$586,566

TRAINING

Judaism (Leonard)	\$ 1,000
Basic Writing Skills (Clifford)	267
Strengthening Math and Science Skills of Florida's Public School Teachers (Soldwedel)	16,836
Center for Economic Education (Perry)	12,000
Case Management (McClintock)	1,500
Behavior Modification Technologies (Siudzinski)	9,992
Basic Environmental Health Training Course (Rawls)	39,125
Florida Engineering Education Delivery System (T. Healy)	<u>72,000</u>
	\$152,720

RESEARCH AND DEVELOPMENT ACTIVITIES ANALYSIS

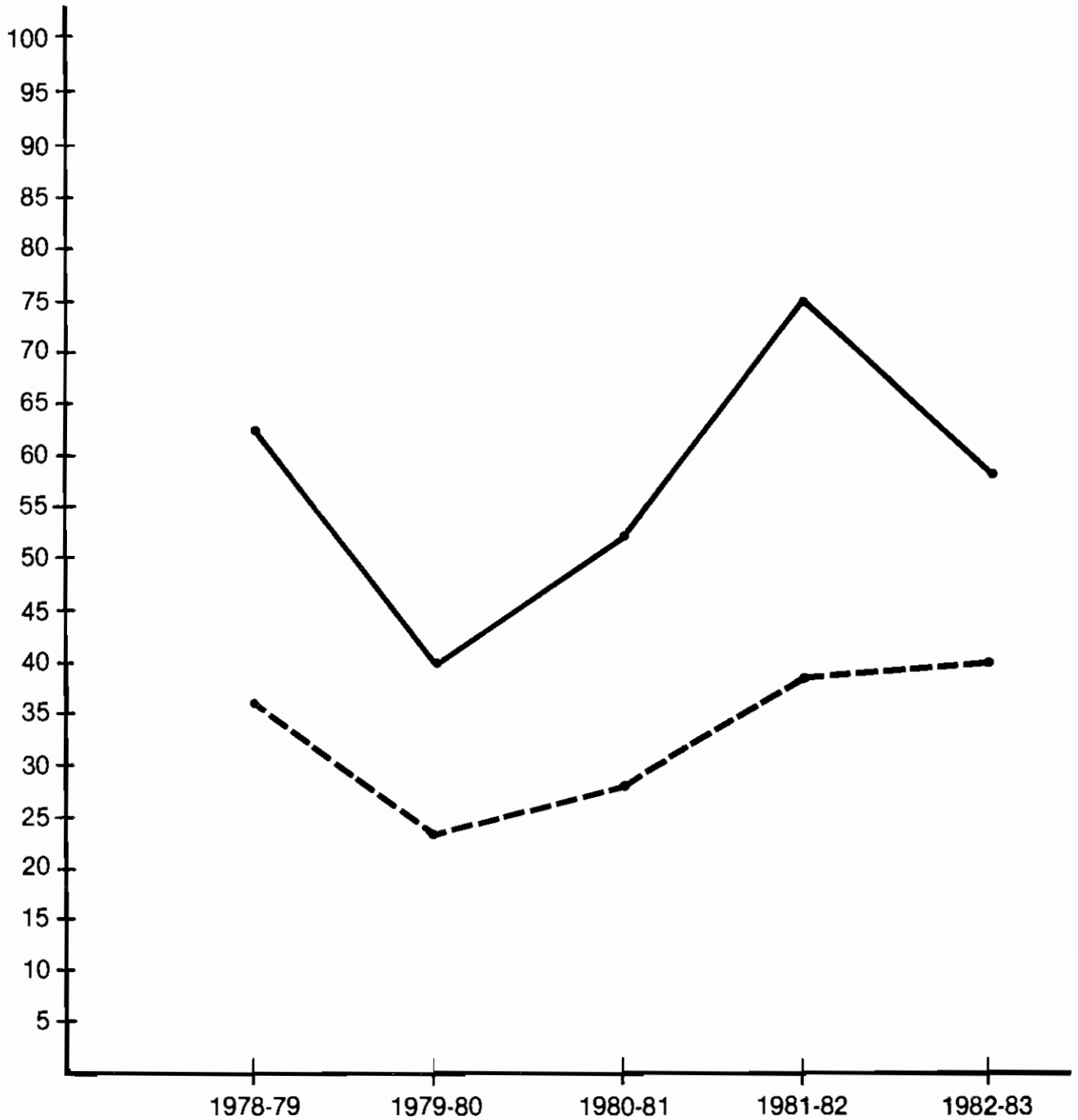


SPONSORING AGENCIES BY CODE

ACS	American Chemical Society (Private)
Apple	Apple Computer System (Private)
CS	Chautauqua Society (Private)
DOE	Department of Energy (Federal)
DOEd	Department of Education (Federal)
DOT	Department of Transportation (Federal)
FCEE	Florida Council for Economic Education (State)
FDOE	Florida Department of Education (State)
FDL	Florida Division of Libraries (State)
FEEDS	Florida Engineering Education Delivery System (State)
FIG	Florida Institute of Government (State)
HHS	Health and Human Services (Federal)
HRS	Health and Rehabilitative Services (State)
ICA	International Communications Agency (Federal)
JAX	City of Jacksonville (Local)
NAFSA	National Association of Foreign Students Association (Federal)
NASA	National Aeronautics and Space Administration (Federal)
NSF	National Science Foundation (Federal)
SAA	Southern Arts Association (Private)
SBA	Small Business Administration (Federal)

FIVE-YEAR ANALYSIS OF PROPOSALS FUNDED PER PROPOSALS SUBMITTED

Number of Proposals



LEGEND

- Proposals Submitted
- - - Proposals Funded

PROJECT DESCRIPTIONS

1982-83

Mr. John Adcox, Division of Technologies

"A Descriptive Analysis of Building Codes in Florida/Phases I and II" from the Florida Department of Education, Building Construction Industry Advisory Committee. This award is for the analysis for the local building codes currently used in Florida, with recommendation for assimilation with national standards. It is anticipated that a model uniform building code for the State of Florida will result from this analysis. (2 Grant Years)

Mr. Mike Argento, Student Affairs

"International Student House of Jacksonville", from the National Association for Foreign Student Affairs. This model program will coordinate activities with five of the higher educational institutions in Jacksonville in order to assist foreign students to become adapted to and a part of the Jacksonville community.

Ms. Diane Bruce, Student Government Association

A grant was given the SGA by the Southern Arts Association to underwrite bringing The Road Company to UNF.

Dr. Dale Clifford, History

"Writing Workshop" from the City of Jacksonville, Planning Department. Two days of writing skills training will be provided to the staff of the Transportation Planning Division.

Dr. Jane Decker, Political Science

Continuation grant for the Center for Local Government Administration. This is a grant from the State University System Institute of Government to provide management training and associated consulting services and technical assistance to upper and middle rank public administrators in the Northeast Florida region. (2 Grant Years Reported and Local Fees)

Mr. Andrew Farkas, Library

The Florida Library Interlibrary Loan program underwrote the cost of utilizing interlibrary loan materials to insure that bibliographic resources within the State are easily available to Florida citizens.

Dr. Betty Gilkison, Aging Studies Center

"AGE is OK", from the Northeast Florida Area Agency on Aging. This is a three-day conference which focuses on the positive aspects of aging. Participants will be older adults, human service professionals and paraprofessionals, and concerned citizens.

Dr. Sandra Hansford, Student Affairs

"Motivation, Expectations and Learning" is a project which identified in-service training needs of Adult Basic Education teachers. Three workshops were conducted, a monograph written, and a slide/tape presentation produced which provides the inservice training.

PROJECT DESCRIPTIONS

Continued

Mr. Jim Haywood, Administrative Affairs

Funds were provided from the Department of Energy in a dollar-to-dollar basis to purchase equipment or support activities which lead to a conservation of energy in institutional settings.

Dr. Tom Healy, Continuing Education

Funds to purchase equipment and pay for planning costs in preparation for a UNF program entitled, "The Florida Engineering Education Delivery System: Serving the Needs of Industries". Funding source - University of Florida through a grant from the State University System. Two-year funding - the first to prepare for the courses; the second to implement the program.

Dr. Jay Huebner, National Sciences

The National Science Foundation funded one aspect of Dr. Huebner's on-going research: Photo-Electric Membrane Probes.

Mr. Jim Kelly, Continuing Education

UMTA/DOT provided funds for the development and delivery of 2 three-day training conferences for up to 30 participants in the Role of the Board in Transit Authorities. Participants were selected nation-wide.

Dr. Tom Leonard, History

The Jewish Chautaugua Society awarded UNF a grant in order to hire Rabbi Howard Greenstein to teach a course in Judaism.

Dr. Judy Lombana, Counselor Education

Dr. Lombana, funded by the FDOE, conducted a statewide search for the Identification of Vocational Education Instructional Materials for Use by Handicapped Students. The results were submitted to FDOE.

Dr. Judy Lombana, Counselor Education

Grant from the FDOE, Vocational Education for Phase II of a project which will result in a training guide for counselors, occupational specialists and other educators on how to better involve parents in career education decisions.

Ms. Linda P. McClintock, Center for Local Government Administration

"Case Management Training" for the Florida Department of Health and Rehabilitative Services. Eight days of training (4, 2-day sessions) was utilized to provide participants with content understanding and information on approaches contained in instruction previously developed for HRS.

Dr. Steve Paulson, Business Administration

The Florida Institute of Government, through its STAR Research Grants Program, funded a study titled Industry-University Research in Florida: Incentives, Barriers and Prospects. This in-depth study resulted in a report which includes recommendations for future inter-sector relationships.

PROJECT DESCRIPTIONS

Continued

Dr. Joseph Perry, Economics

Continuing grant from the Florida Council on Economic Education to UNF's Center for Economic Education. Funds were used to promote, organize and conduct center activities which develop and enhance economic education in UNF's service community.

Dr. Joseph Perry, Economics

A contract with the City of Jacksonville's Planning Department to conduct an economic impact analysis of proposed activities in the McCoy's Creek area was done.

Dr. Ann Radwan, History

Appointment as an advisor to the U.S. International Communications Agency's Near Eastern and South Asian Academic Programs UNF has received an Intergovernmental Personnel Act grant which sponsors Dr. Radwan's one year assignment to the Agency in Washington, D.C.

Mr. Robert Rawls, Human Services

"Basic Environmental Health Training Course", from the Florida Department of Health and Rehabilitative Services. Appropriate training materials will be developed for the inservice and continued training of sanitarians.

Mr. Kate Ray, Student Affairs

The Florida Legislature in 1982 funded CHOICES, a comprehensive computer guidance system designed to deliver career information to students. Its focus is career changes, displaced homemakers, minorities, and handicapped.

Dr. Andrew Robinson, Institute of Education

"Expansion of Special Net to University and College Training Programs in Special Education", from the Florida Department of Education. This project will expand the existing statewide electronic communication system for exceptional student education to include sponsored access by Florida's twenty (20) upper-level institutions with preparation programs in special education.

Dr. Samuel Russell, Vocational Education

Continuing grant from FDOE, Vocational Education to provide supportive service in the form of clerical assistance and travel funds for marketing, distributive, business and industrial education faculty.

Dr. Lowell Salter, Business Administration

"Small Business Development Center". Awarded from the University of West Florida with grant from the Small Business Administration. This is a third year continuation award of a previously reported grant. (2 grants received)

Dr. Lowell Salter, Business Administration

The State Technology Applications Center operating in the State University System is an information retrieval system which supplies information, via telephone, to businesses, engineering firms, practicing professionals and manufacturers in Florida. (2 grant years reported)

PROJECT DESCRIPTIONS

Continued

Dr. Robert Siudzinski, Special Education

"Behavior Modification Consultation", from the Florida Department of Health and Rehabilitative Services. Consultation Services (will be provided) to HRS vendor agency staff and clients who are in need to behavior modification expertise.

Dr. Robert Siudzinski, Special Education

"Competency Based Teacher Training in Special Education". Awarded from the U.S. Department of education. This is a continuation award from a previously reported grant. (2 years reported)

Dr. Bette Soldwedel, Curriculum and Instruction

"Training Grant to Strengthen the Mathematics and Science Skills of Florida Public School Teachers", University of Florida. The College of Education has received this sub-contract from the University of Florida as part of a statewide project.

Dr. K. S. Venkatasubban, Natural Sciences

Equipment grant: Apple computer interfact to DMS-90 UV spectro-photoner. Supportive grant for funded project entitled, "Proton Transfer Mechanism in Model Enzymic Reactions". Core project funded by the American Chemical Society; and other support additionally funded by the Research Corporation and the Apple Education Foundation. (2 Grants)