



**Office of Research & Sponsored Programs  
Extramural Funding Report  
Fiscal Year 2018-19**

The following list of grants and contracts was obtained by the University during Fiscal Year 2018-19 and has been accepted by the University of New Orleans.

**Extramural Awards - Amounts**

	FY2017-18			FY2018-19		
	Federal	Non-Federal	Total	Federal	Non-Federal	Total
Academic Spt			-			-
Basic Research	2,399,053	4,617,546	7,016,599	2,191,681	3,352,832	5,544,513
Equipment	310,494	54,112	364,606	22,506		22,506
Institutional Spt		10,000	10,000			-
Instruction	1,756,875	1,549,954	3,306,829	2,521,981	1,204,372	3,726,353
Public Svc	287,098	9,726,956	10,014,054	299,300	71,119,363	71,418,663
R&D			-			-
Training	270,278		270,278	315,155		315,155
<b>Total</b>	<b>5,023,798</b>	<b>15,958,568</b>	<b>20,982,366</b>	<b>5,350,623</b>	<b>75,676,567</b>	<b>81,027,190</b>

**Extramural Awards - Counts**

	FY2017-18			FY2018-19		
	Federal	Non-Federal	Total	Federal	Non-Federal	Total
Academic Spt			-			-
Basic Research	23	80	103	18	63	81
Equipment	1	1	2	1		1
Institutional Spt		1	1			-
Instruction	12	11	23	8	11	19
Public Svc	1	8	9	1	7	8
R&D			-			-
Training	2		2	1		1
<b>Total</b>	<b>39</b>	<b>101</b>	<b>140</b>	<b>29</b>	<b>81</b>	<b>110</b>

Year	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Total
2018	17	22	15	12	3	9	9	2	13	9	14	15	140
2019	7	7	12	16	7	4	9	4	7	12	11	14	110

**Grants and Contracts Accepted by the University of New Orleans  
FISCAL YEAR 2018-19**

College/Department PI Name	Category	Fund Code	Agency	Project Title	Funded Amount
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**New Awards**

**College of Business Administration**

*Hospitality Research Center*

Williams,John A	B	NON	LA Dept of Culture, Recreation & Tourism	Measure Tourism Spending in Louisiana Parishes	\$ 29,890
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**College of Engineering**

*Civil & Environmental Engr*

Ghose Hajra,Malay	B	NON	The Beta Group	Performance of Column Settling Test	\$ 5,000
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*Electrical Engineering*

Amiri,Ebrahim	B	NON	Entergy Services, Inc	Solar Plant (PV) Model in EMTP for Transmission	\$ 75,000
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Rastgoufard,Parviz	B	NON	Entergy Services, Inc	Standard Design Support Project 2019	\$100,000
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Rastgoufard,Parviz	B	NON	Entergy Services, Inc	Standard Design Support Project 2019	\$100,000
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*Naval Arch & Marine Engr*

Xiros,Nikolaos	B	FED	National Science Foundation	Collaborative Research: Design and Control of Networked	\$ 50,870
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Yu,Xiaochuan	B	NON	DNV-GL	Promote the Education in Offshore Engineering: UNO and	\$ 993
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Yu,Xiaochuan	B	NON	LA Space Grant College & Fellowship Prog	Experimental Tests of the Rockets Accidentally Dropped	\$ 4,000
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Yu,Xiaochuan	B	NON	OffshoreTech LLC	Development of Guidelines for the Prevention of Accident	\$ 50,000
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**College of LA, Educ, & Hum Dev**

*Anthropology and Sociology*

Gray,D. Ryan	B	NON	City of New Orleans	FEMA's Hazard Mitigation Program (HMGP) and the Sandy	\$188,892
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Gray,D. Ryan	B	NON	Henry M Jackson Foundation	Archaeological Excavation Work in Kimratshofen Bayern,	\$140,772
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Gray,D. Ryan	B	NON	The Housing Authority of New Orleans	Culling, Curation and Archiving Services for Historical	\$ 56,188
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*College of LA, Educ, & Hum Dev*

Ovella,Kurt Michael	B	NON	LA Dept of Education	Impact Collaborative	\$ 9,700
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*Midlo Center*

Mitchell,Mary N	B	FED	National Historical Publications and	Freedom on the Move / A digital humanities project for t	\$128,385
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### *Planning and Urban Studies*

Nelson,Marla K	B	NON	LSU Sea Grant Program	CSAP Planning for Population Loss in Coastal Louisiana	\$ 25,000
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### *UNO Transportation Institute*

Stich,Bethany Marie	B	NON	St John the Baptist Parish	St. John the Baptist Graduate Student Intern	\$ 22,770
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Stich,Bethany Marie	B	NON	LA Transportation Research Center	The Impact of the Louisiana Rail System: A System Analy	\$149,999
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Tolford-Marthaller,Tara M	B	NON	LA Transportation Research Center	Pedestrian and Bicycle Count, Phase 2: Implementing and	\$158,658
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### *UNO-CHART*

Farris,Monica Teets	B	NON	City of Gonzales	Support for the City of Gonzales' Community Rating	\$ 9,880
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Farris,Monica Teets	B	NON	Govrs Off Homeland Sec&Emer Preparedness	Develop of the Hazard Mitigation Plan for the State-Cont	\$ 10,827
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### **College of Sciences**

#### *Advanced Materials Reseach Ins*

Poltavets,Viktor	B	NON	LA Board of Regents	LA-EPSCoR SURE: Lainey Smith	\$ 5,000
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#### *Canizaro-Livingston Gulf SCEI*

Hoque,Tamjidul	B	NON	LA Board of Regents	Prediction of Increased Risk Based on Available Safety,	\$ 99,973
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Hoque,Tamjidul	B	NON	LA Board of Regents	Intellectual Property Data Analysis and Decision Support	\$ 99,836
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Soniat,Thomas M	B	FED	National Oceanic Atmosphere Assoc	Coupling US Gulf State stock assessments to shell-budget	\$155,014
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### *Chemistry*

Podgorski,David Christopher	B	NON	LA Board of Regents	Elucidation of the Structure and Composition of Dissolve	\$ 46,040
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Podgorski,David Christopher	B	NON	Enbridge Energy	Development of Field Method for Deployment of Optical Se	\$ 5,000
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Podgorski,David Christopher	B	NON	Minnesota Pollution Control Agency	Petroleum Metabolite Distribution and Toxicity at Refine	\$ 4,400
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Podgorski,David Christopher	B	NON	Shell Global	The molecular-level structure and composition of petrole	\$ 87,016
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Zito,Phoebe Anne	B	NON	Enbridge Energy	Photodegradation of Petroleum-Derived DOM Discharged fro	\$ 7,884
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Zito,Phoebe Anne	B	NON	University of Alaska - Anchorage	Toxicity of crude oil photoproducts and burn products	\$ 40,960
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Zito,Phoebe Anne	B	NON	University of Alaska - Anchorage	Phase 2: Building a new "pipeline" of oil spill recovery	\$ 21,900
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### *Computer Science*

Ware,Stephen George	B	NON	North Carolina State University	Foreseeing, Recognizing, and Influencing Possible Future	\$ 80,543
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### *Greater NO Ctr-Info Assurance*

Roussev,Vassil R	B	NON	LA Board of Regents	UNO CyberRange: An Advanced Platform for Cybersecurity W	\$195,400
Roussev,Vassil R	B	FED	National Science Foundation	A Formal Approach to Digital Forensics and Incident Resp	\$180,743
Roussev,Vassil R	I	FED	Department of Defense	DoD Cybersecurity Scholarship Program	\$107,574

### *Mathematics*

Bierhorst,Peter Labonne	B	NON	LA Board of Regents	New measures of quantum nonlocality for multiple parties	\$ 48,480
Bierhorst,Peter Labonne	B	NON	University of Colorado - Boulder	RAISE TAQS: Randomness Expansion Using a Loophole-Free B	\$ 18,127

### *Pontchartrain Institute*

Georgiou,Ioannis Yiakoumi	B	NON	Coastal Protection & Restoration Authori	Caminada Headland Beach and Dune Incr 1 (BA-0045) Sedime	\$ 37,620
Georgiou,Ioannis Yiakoumi	B	NON	Boston University	Assessing storm energy reduction by the vegetated salt m	\$ 74,726
Georgiou,Ioannis Yiakoumi	B	NON	The Water institute of the Gulf	Flow and Water Constituent Fluxes through the Passes of	\$ 35,000
Maygarden,Diane Frances	I	NON	LSU Sea Grant Program	SeaGrant Omnibus sub grant	\$ 7,048
Maygarden,Diane Frances	I	NON	Lake Pont Basin Foundation	Discovering Secrets of Pontchartrain Beach: Revealing My	\$ 17,529
OConnell,Martin T	B	NON	Coastal Protection & Restoration Authori	2023 Coastal Master Plan Improvements: ICM-HSI Team	\$ 8,305

### *Psychology*

Black,Sarah	B	NON	University of California - Irvine	Does Money Matter: Poverty Reduction during Early Childh	\$ 51,787
Harshaw,Christopher	B	NON	LA Board of Regents	Effects of Early Antipyretic Exposure on Social-Emotiona	\$ 6,609

### **Nonacademic**

#### *Enrollment Services*

Marks,Mary Beth	B	NON	The Kresge Foundation	Privateers Compass	\$ 50,000
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#### *Office of Academic Affairs*

Amouzegar,Mahyar A	I	NON	UL System	DXC Support Contract from LED through UL System	\$469,371
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#### *Office of Research*

Tarr,Matthew A	P	NON	LA Office of Technology Services - DOA	OTS Technical Services Contract	\$3,822,010
Tarr,Matthew A	P	NON	LA Dept of Health and Hospitals	LDH Medicaid Professional Services Contract	\$24,072,668
Tarr,Matthew A	B	NON	UNO FOUNDATIONS	Tolmas Scholars 2019	\$ 25,000

## *Public Service Training*

Calamari,Susan Adele	P	NON	LA Department of Transportation	DOTD FY20 Personal Computer Training	\$292,274
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## **Continuation Awards**

### **College of Business Administration**

#### *Economics & Finance*

Hassan,Mohammad K	B	NON	Gulf Coast Bank & Trust Company	Community Banking in the USA	\$ 65,324
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### **College of Engineering**

#### *Energy Conversion&Conservation*

Wang,Ting	B	NON	LA Board of Regents	Development of an Innovative Rotary Dryer for Paper and	\$ 52,600
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#### *Mechanical Engineering*

Schilling,Paul J	B	NON	LA Board of Regents	LaCAM: Louisiana Center for Advanced Manufacturing	\$160,000
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Smith,Damon Allen	B	NON	LA Board of Regents	Nanoparticle Additives for 3D Printing of Multifunctiona	\$ 51,086
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#### *Naval Arch & Marine Engr*

Morrissey Jr,George Robert	B	NON	Geocent, LLC	UNO's Support of Geocent in Support of NASA Production	\$ 54,000
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Taravella,Brandon Michael	B	FED	Office of Naval Research	Investigation into the Boundary Layer of an Anguilliform	\$ 50,000
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### **College of LA, Educ, & Hum Dev**

#### *College of LA, Educ, & Hum Dev*

Ovella,Kurt Michael	B	NON	LA Dept of Education	Impact Collaborative	\$ 8,500
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#### *Curr, Instr and Spec Ed*

Derbigny,Helene Jackson	I	NON	LA Dept of Education	Provider Support Needs - Transition Support	\$115,000
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Flynn-Wilson,Linda	I	FED	US Department of Education	Early Intervention-Training and Collaboration	\$249,992
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#### *Ed Ldrship, Counseling & Fndns*

Belser,Christopher Todd	B	NON	University of Central Florida	COMPASS (Convincing Outstanding Math Potential Admits t	\$ 5,360
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#### *English and Foreign Languages*

Poche,Reggie Joseph	I	NON	LA Board of Regents	Expanding Access, Enhancing Quality: Strengthening Digit	\$175,750
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#### *History and Philosophy*

Mitchell,Mary N	B	FED	National Historical Publications and	Freedom on the Move / A digital humanities project for t	\$ 73,362
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### *Planning and Urban Studies*

Nelson,Marla K	B	NON	Jefferson Parish	Jefferson Parish Planning Department Interns 12-13	\$ 25,000
Nelson,Marla K	B	NON	Jefferson Parish	Jefferson Parish Planning Department Interns 12-13	\$ 25,000
Nelson,Marla K	B	NON	LSUBR	Inland from the Coast : A Multi-Scalar Approach to	\$ 30,340

### *Political Science*

Kiefer,John J	B	NON	Greater NO Collaborative of Charter Scho	MPA Research Assistant	\$ 18,924
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### *UNO Transportation Institute*

Stich,Bethany Marie	B	NON	University of Arkansas	Mar Trec-Maritime Transportation Research & Education	\$ 825
Stich,Bethany Marie	B	NON	University of Arkansas	Mar Trec-Maritime Transportation Research & Education	\$185,000

### *UNO-CHART*

Farris,Monica Teets	B	NON	Foundation for Louisiana	Community to Region: LA Adaptation Expansion,	\$ 11,176
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### **College of Sciences**

#### *Advanced Materials Research Ins*

Poltavets,Viktor	B	FED	National Science Foundation	Transition-Metal-Free Boride Cathodes	\$ 21,972
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### *Biological Science*

Liu,Zhengchang	B	FED	National Institutes of Health	Regulation of Mitochondrial Biogenesis in Yeast	\$117,707
Schluchter,Wendy M	I	FED	National Science Foundation	Early Engagement for Entering Freshman Science Majors	\$202,581
Schluchter,Wendy M	I	NON	Howard Hughes Medical Institute	Increasing recruitment and retention of STEM students in	\$300,000

### *Canizaro-Livingston Gulf SCEI*

Abdelguerfi,Mahdi	B	FED	Office of Naval Research	Large Scale Geospatial Data Mining using Hadoop and R Sy	\$100,000
Abdelguerfi,Mahdi	B	FED	Office of Naval Research	Large Scale Geospatial Data Mining using Hadoop and R Sy	\$139,800
Soniat,Thomas M	B	FED	National Oceanic Atmosphere Assoc	Coupling US Gulf State stock assessments to shell-budget	\$144,714

### *Chemistry*

Podgorski,David Christopher	B	NON	Shell Global	The molecular-level structure and composition of petrole	\$ 25,149
Rick,Steven W	B	NON	LA Board of Regents	LaCNS: Building Neutron Scattering Infrastructure in Lou	\$ 71,661
Roussev,Vassil R	E	FED	National Science Foundation	CC*: The ARCHES network at the University of New Orleans	\$ 22,506

Tarr,Matthew A	B	FED	National Science Foundation	IRES: Catalysis and Photocatalysis at Universite¸ Claude	\$ 18,728
Tarr,Matthew A	B	FED	National Science Foundation	IRES: Catalysis and Photocatalysis at Universite¸ Claude	\$ 65,701
Tarr,Matthew A	B	NON	Florida State University	Molecular Understanding of Emulsion Formation in Environ	\$150,622

### *Computer Science*

Arifuzzaman,Shaikh M	B	NON	LA Board of Regents	Scalable Community Detection in Big Social and Informati	\$ 44,919
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### *Physics*

Ioup,Juliette W	B	FED	Naval Research Laboratory	A Fully Integrated Coupled and Nested Prediction System	\$282,573
Ioup,Juliette W	B	FED	Naval Research Laboratory	A Fully Integrated Coupled and Nested Prediction System	\$154,768
Ioup,Juliette W	B	FED	Naval Research Laboratory	A Fully Integrated Coupled and Nested Prediction System	\$ 43,381
Ioup,Juliette W	B	FED	Naval Research Laboratory	A Fully Integrated Coupled and Nested Prediction System	\$221,917
Ioup,Juliette W	B	NON	University of Louisiana - LAF	Littoral Acoustic Demonstration Center (LADC) GOMRI2014-	\$ 17,742
Puri,Ashok	B	NON	LA Board of Regents	LS-LAMP Senior Alliance (2015-2020)	\$ 45,000

### *Pontchartrain Institute*

Georgiou,Ioannis Yiakoumi	B	NON	LSU Sea Grant Program	Water and Sediment Fluxes in Restored and Unrestored Mar	\$ 25,000
Georgiou,Ioannis Yiakoumi	B	NON	Coastal Protection & Restoration Authori	Caminada Headland Beach and Dune Incr 1 (BA-0045) Sedime	\$ 75,624
Georgiou,Ioannis Yiakoumi	B	NON	Coastal Protection & Restoration Authori	Caminada Headland Beach and Dune Incr 1 (BA-0045) Sedime	\$ 16,805
Maygarden,Diane Frances	I	NON	Waldermar S Nelson and Company Inc	Port Nickel Restoration - Renewal	\$ 6,940
Maygarden,Diane Frances	I	NON	LSU Sea Grant Program	SeaGrant Omnibus sub grant	\$ 7,047
Maygarden,Diane Frances	I	NON	LSU Sea Grant Program	SeaGrant Omnibus sub grant	\$ 18,010
Maygarden,Diane Frances	I	NON	LSU Sea Grant Program	SeaGrant Omnibus sub grant	\$ 7,048

### **Nonacademic**

#### *Off of Retention-Upward Bound*

Bates,Lynette Denise	I	FED	US Department of Education	Classic Upward Bound P047A171536	\$525,344
Bates,Lynette Denise	T	FED	US Department of Education	Upward Bound Math Science	\$315,155
Bates,Lynette Denise	B	FED	US Department of Education	University of New Orleans McNair	\$242,046

*Office of Academic Affairs*

Amouzegar,Mahyar A	I	NON	UL System	DXC Support Contract from LED through UL System	\$ 80,629
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*Office of Research*

Lunn,Carol Tanya	P	NON	LSUBR	UNO NCAM Support at Michoud Assembly Facility	\$125,398
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Tarr,Matthew A	P	NON	LA Office of Technology Services - DOA	OTS Technical Services Contract	\$5,822,639
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Tarr,Matthew A	P	NON	LA Dept of Health and Hospitals	LDH Medicaid Professional Services Contract	\$36,859,374
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*Proj Pass, Access & Prestart*

Brown,Brenda Ball	I	FED	US Department of Education	Project ACCESS: Educational Talent Search	\$421,099
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Brown,Brenda Ball	I	FED	US Department of Education	Jefferson Upward Bound P047A171386	\$315,155
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Brown,Brenda Ball	I	FED	US Department of Education	Project Reach: Upward Bound	\$315,154
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Brown,Brenda Ball	I	FED	US Department of Education	Project PASS: Upward Bound P047A171333	\$385,082
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*Student Support Services*

Chapuis,Nora Allen	P	FED	US Department of Education	Student Support Services	\$299,300
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*WWNO-KTLN*

Biava,Ronald L	P	NON	The Walton Family Foundation	WWNO Coastal Desk 2017-2019	\$125,000
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**Category Key:**

A = Academic Support  
B = Basic Research  
E = Equipment  
I = Instruction

P = Public Service  
R = R & D Research  
S = Institutional Support  
T = Training