

MEMORANDUM

DATE: May 5, 2014

TO: Teri Riley, PhD, Interim Provost and VP Academic Affairs

FROM: Scott Martin, PhD, Interim Associate Dean for Research  
Edward Orona, PhD, Director, Office of Grants and Sponsored Programs (OGSP) *EO*

RE: **FY 2013-14 – 3rd Quarter OGSP Report**  
(Grant Activity from January 1, 2014 – March 31, 2014)

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Attached is the FY14 Third Quarter Report from the Office of Grants and Sponsored Programs for presentation to the Academic Quality and Student Success Committee of the Board of Trustees.

*There was a continuing increase in the third quarter in grant submissions and awards.*

**3rd Quarter Submissions:** \$6,306,234 requested (36 proposals)

**Year-To-Date (YTD):** \$17,925,927 (90 proposals)

During this quarter, compared to FY13, there was a 28% increase in the number of grant submissions, and a 19% increase in dollars requested.

**3rd Quarter Awards:** \$947,358 (12 awards)

During this quarter, there was a 9% increase in the number of funded proposals, and a 16% increase in dollars awarded, compared to the same quarter in FY13.

There were several noteworthy grant awards during this quarter to:

Dr. Betty Jo Licata - for continuing funding of the Small Business Development Center: the U.S. SBA through the Ohio Development Services Agency, \$145,704.

Dr. Tammy King - to participate in the SOSNet Initiative for Primary Care Workforce Pipeline & Community-Based Training Program: The HealthPath Foundation of Ohio, \$33,400.

Dr. Stephen Rodabaugh (Associate Dean, STEM) and staff - to administer internship clearinghouse program: Ohio/PA for Manufacturing Clearinghouse, West Central Job Partnership, \$624,000.

**Awards: Year-To-Date (YTD)**

Compared to last year, these year-to-date totals demonstrate significant success, representing a **89% increase** in dollars awarded. The funded awards totaled **\$6,334,028**.

**YOUNGSTOWN STATE UNIVERSITY**

**School of Graduate Studies and Research**

**Office of Grants and Sponsored Programs**

**THIRD QUARTER REPORT**

**FY 2013-2014**

**January 1, 2014 - March 31, 2014**

## EXECUTIVE SUMMARY

### Third Quarter Report - FY2013-2014 January 1, 2014 - March 31, 2014

(Includes previous year comparison)

#### SUBMITTED PROPOSALS (Number)

	<u>FY2012-2013 Third Quarter</u> 1/1/2013-3/31/2013		<u>FY2013-2014 Third Quarter</u> 1/1/2014-3/31/2014	
TOTAL PROPOSALS	\$	4,218,376 (23)	\$	6,306,234 (36)
	<u>YTD - FY2012-2013</u> 7/1/2012-3/31/2013		<u>YTD - FY2013-2014</u> 7/1/2013-3/31/2014	
TOTAL PROPOSALS	\$	15,057,322 (70)	\$	17,925,927 (90)

#### FUNDED PROPOSALS (Number)

	<u>FY2012-2013 - Third Quarter</u> 1/1/2013-3/31/2013		<u>2013-2014 - Third Quarter</u> 1/1/2014-3/31/2014	
TOTAL PROPOSALS	\$	811,734 (11)	\$	947,358 (12)
	<u>YTD - FY2012-2013</u> 7/1/2012-3/31/2013		<u>YTD - FY2013-2014</u> 7/1/2013-3/31/2014	
TOTAL PROPOSALS	\$	3,338,266 (54)	\$	6,334,028 (58)

# PROPOSALS SUBMITTED TO EXTERNAL FUNDING SOURCES

## Third Quarter Report - FY2013-2014

January 1, 2014 - March 31, 2014

PRINCIPAL INVESTIGATOR	DEPARTMENT	FUNDING SOURCE	PROJECT TITLE	AMOUNT
Abraham, Martin	College of STEM	AICHE	Environmental Progress & Sustainable Energy Office Program	21,040
Beatrice, Jonelle	Student Life	Great Lakes Community Investments	2014-2015 Great Lakes College Success Grant	164,623
Schaper, Michele	Center for Human Services Development	U.S. Department of Housing and Urban Development	HMIS Expansion--2014	30,825
Schaper, Michele	Center for Human Services Development	U.S. Department of Housing and Urban Development	Homeless Management Information System Renewal--2014	51,314
Schaper, Michele	Center for Human Services Development	U.S. Department of Housing and Urban Development	Second HMIS Expansion--2014--2	65,425
Maraffa, Thomas	Geography	National Geographic Society through Ohio State University	Administration of Ohio Geographic Alliance	10,000
Conner, Brett/ Manogharan, G./ Cortes, Pedro/ Martin, Holly/ Wagner, Tim Oder, Tom	Mechanical & Industrial Engineering	National Science Foundation	Acquisition of a Laser Engineered Net Shaping (LENS) for Multi-disciplinary Metals and Manufacturing Research	836,500
Johnston, Carl/ Simeonsson, Josef	Physics & Astronomy	National Science Foundation	Acquisition of a Plasma Etching System for Multidisciplinary Research and Education	307,422
Sharma, Suresh	Biological Sciences	Ohio Plant Biotechnology Consortium	Fungal and Plant Strategy for Remediation of Polycyclic Aromatic Hydrocarbon Contaminated Soils	9,820
Meyers, Kerry	Civil/ Environmental & Chemical Engineering	Ohio Sea Grant College Program	Phosphorus Leading Reduction Strategy in Western Lake Erie from Agricultural Land of Maumee	9,964
Lovelace-Cameron, Sherri	Mechanical & Industrial Engineering	National Science Foundation	Re-engaging Active Instruction to Support Engineering Undergraduate Progress (RAISEUP)	824,342
Lyons, Joseph Conner, Brett	Chemistry	American Chemical Society	American Chemical Society Project SEED	2,500
Wagner, Timothy/ Cortes, Pedro/ Solomon, Virgil/ Peters, Mark/ Marie, Hazel Schaper, Michelle	Health Professions	Youngstown Foundation	Senior Mentorship Program	13,875
Wang, Ruigang	Mechanical & Industrial Engineering	Ohio Board of Regents	Additive Manufacturing Technologies for Workforce Development	300,000
Abraham, Martin	Chemistry	National Science Foundation	Phase Composites by Integrated Computer Modeling and Experimental Validation	874,698
Sharif, Bonita	Center for Human Services Development	U.S. Department of Housing and Urban Development	Homeless Management Information System Expansion 2nd Expansion	65,425
Abraham, Martin	Chemistry	National Science Foundation	Cooperative Role of Perovskite-Fluorite Oxides Support on Low Temperature CO Oxidation	259,070
Sharif, Bonita	College of STEM	National Science Foundation through Case Western Reserve University	Collaborative Research: AGEP-T: Northern Ohio AGEP Alliance (NOA-AGEP)	107,760
Sharif, Bonita	Computer Science & Information Systems	Association of American Colleges and Universities	Transforming Teaching in Introductory Computer Science and Mathematics Courses to Support Minority Students at Youngstown State University	269,651

Tartir, Jamal	Mathematics and Statistics	National Science Foundation	Topological Foundations of Fuzzy Sets and Information Processing (TOFFSIP)	19,925
Korenic, Robert	Engineering Technology	American Society of Engineering Educators	Soil Composition Analysis of the Youngstown State University "Gateway Project" Rain Garden	500
Simeonsson, Josef/ Johnston, Carl	Chemistry	U.S. Environmental Protection Agency	Restoring Communities through Phytoremediation of Lead at Post-demolition Sites	90,034
Balendiran, Ganesaratnam	Chemistry	National Science Foundation	Studies of Pyruvate Formate Lyase, Pyruvate Synthase and Acetyl-CoA C- acetyltransferase	297,843
Manogharan, Guha	Mechanical & Industrial Engineering	Ohio Third Frontier	Precision Printed Parts Network (P3N)	183,811
O'Dell, Valerie	Nursing	Health Resources and Service Administration	Nurse Anesthetist Traineeship Program	355,680
Schaper, Michele	Center for Human Services Development	City of Youngstown Community Development Agency	HMIS ESG 2014-15	33,000
Martin, Holly J.	Civil/ Environmental & Chemical Engineering	American Chemical Society Petroleum Research Fund	Reducing the Corrosion of Steel Pipelines by Chemically Bonding the Biopolymer, Chitosan	55,000
Cortes, Pedro	Civil/ Environmental & Chemical Engineering	American Chemical Society	Synthesis of Carbon Nanotubes Using Crude Oil	110,000
Sharma, Suresh	Civil/ Environmental & Chemical Engineering	National Science Foundation	Sediment and Phosphorus Load Reduction Strategy from Agricultural Land for Environmental	86,930
Langarica, Alicia	Mathematics and Statistics	AMS-Simons Foundation	Upscaling Discrete to Continuous Mathematical Models of Biological Processes	4,000
Sexton, Gary	WYSU-FM	Corporation for Public Broadcasting	CPB Community Service Grant 2014	45,257
George, Ricky	Center for Human Services Development	Ohio Department of Education	East Liverpool Elementary - LMAP Afterschool Program - Year 1	200,000
George, Ricky	Center for Human Services Development	Ohio Department of Education	Campbell Elementary - LMAP Afterschool Program - Year 1	200,000
George, Ricky	Center for Human Services Development	Ohio Department of Education	East Liverpool Middle School - LMAP Afterschool Program - Year 1	200,000
George, Ricky	Center for Human Services Development	Ohio Department of Education	Positive Steps Afterschool Program - Brookfield - Year 5	100,000
George, Ricky	Center for Human Services Development	Ohio Department of Education	Career Paths Afterschool Program - Niles - Year 5	100,000
Total Proposals Submitted to External Sources Third Quarter FY2013-2014				\$ 6,306,234

# PROPOSALS FUNDED BY EXTERNAL SOURCES

## Third Quarter Report - FY2013-2014 January 1, 2014 - March 31, 2014

PRINCIPAL INVESTIGATOR	DEPARTMENT	FUNDING SOURCE	PROJECT TITLE	AWARD
Abraham, Martin	College of STEM	American Institute of Chemical Engineers	Environmental Progress & Sustainable Energy Office Operation	\$ 21,040
Bailey, Dora	College of Education	New Castle Area School District	NCASD - Professional Development Agreement	6,000
Beiersdorder, Raymond	Geological & Environmental Science	Consortium for Ocean Leadership	2014 Penguin Bowl: Regional Competition of the National Ocean Sciences Bowl	5,000
Floyd, Arlene	Associate Degree & Tech Prep Programs	Ohio Board of Regents	Secondary Career Technical Alignment Initiative	4,000
King, Tammy	Bitonte College of Health & Human Services	The Healthpath Foundation of Ohio	Youngstown State University's HPAC	33,400
Korenic, Robert	Engineering Technology	American Society of Engineering Educators	Soil Composition Analysis of the Youngstown State University "Gateway Project" Rain Garden	1,000
Licata, Betty Jo	Williamson College of Business Administration	U.S. Small Business Administration through the Ohio Development Services Agency	The Ohio Small Business Development Center at Youngstown State University	145,704
Pallante, Martha	History	Home Savings Charitable Foundation	Home Savings & Loan Archives Project	10,000
Rodabaugh, Stephen	College of STEM	U.S. Department of Labor to Commonwealth of Pennsylvania through West Central Job Partnership, Inc.	OH-PENN Interstate Region Manufacturing Internship Clearinghouse--Internship Program	624,000
Schaper, Michele	Center for Human Services Development	U.S. Department of Housing and Urban Development	Homeless Management Information System Expansion II	67,056
Sharma, Suresh	Civil, Environmental & Chemical Engineering	National Institutes for Water Resources through The Ohio State University	Scenario Analysis for the Impact of Hydraulic Fracturing on Stream Flows in Various Climactic Conditions: Case Study of Muskingum Watershed in Eastern Ohio	15,000
Unger, Darlene	Rich Center for Autism	U.S. Department of Education through The Ohio State University	YSU Transition Options in Postsecondary Education for Young Adults with Autism (YSU-TOPS)	15,158
Total Proposals Funded from External Sources Third Quarter FY2013-2014				\$ 947,358