A Message from the Director

Saginaw Valley State University remains committed to excellence in academic and professional programs that prepare highly qualified graduates. To this end, the office of Sponsored and Academic Programs Support aims to increase faculty participation in sponsored programs and seeks to develop their capacity in the area of grant proposal development while supporting them in the submission of proposals. Assistance is offered by providing access to information about potential funding sources, aiding in the preparation and development of budgets, editing proposals prior to submission to external sponsors, publishing campus announcements and updates, hosting workshops for faculty and students, and assisting in the preparation of required reports.

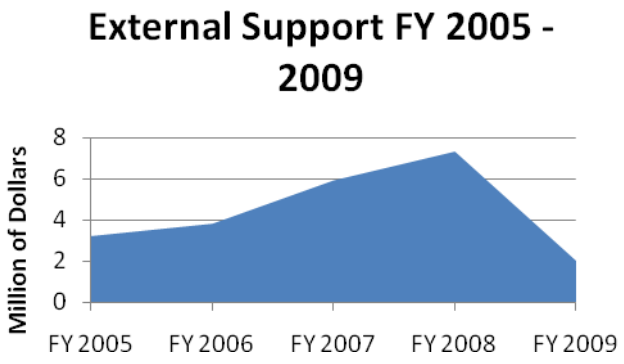
Sponsored Programs staff facilitates the external proposal development and submission process and administers selected awards after they are received. The staff in this office works with principal investigators/directors to monitor compliance procedures once grants are awarded. Careful management of selected institutional grants is vital, as the acquisition of future external funding is dependent on the University's ability to prove they are good stewards of the funding that has been granted.

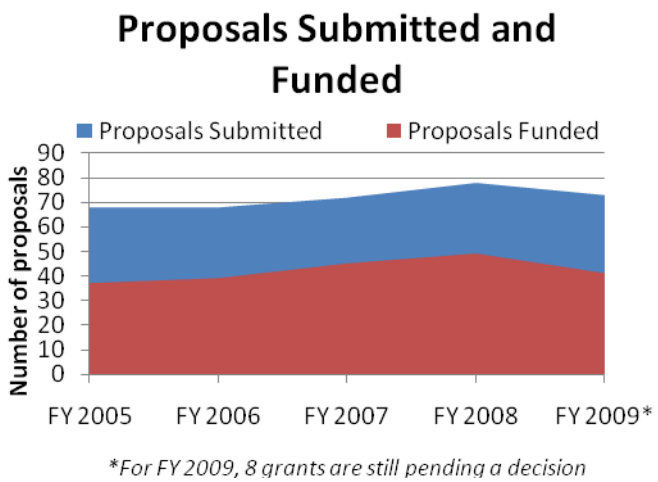
This annual report marks the achievements of our faculty and staff who further their work by winning grants and contracts from diverse sponsors. Saginaw Valley State University's sponsored and academic programs help build partnerships with institutions, agencies, and corporations—receiving nearly two million in external grants, contracts, and sponsored research funding in fiscal year 2009. We commend the members of the University community for their accomplishments.

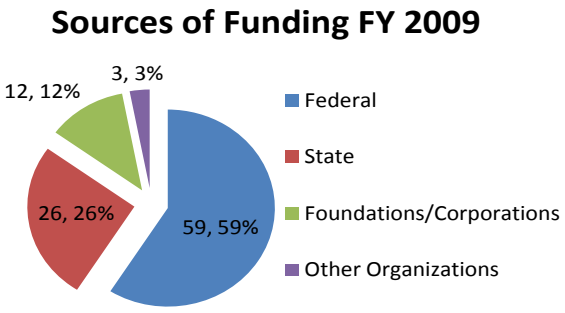
Janet Rentsch, Director

Sponsored and Academic Programs Support

Reports on Grants, Contracts and Sponsored Research Activities







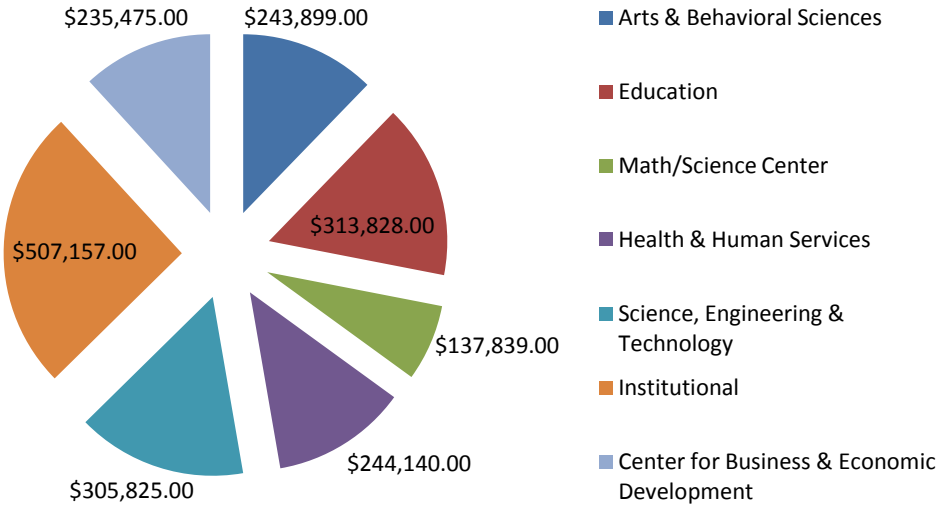
This annual report summarizes grants, contracts, and sponsored research activity at Saginaw Valley State University for the 2009 fiscal year. During this fiscal period—July 1, 2008 through June 30, 2009—a total of $1,988,163 was awarded for research and other sponsored projects. The top chart illustrates the total sponsored support at Saginaw Valley State University over the past five years.

In addition to support for research-related activities, grants and contracts support education, student services, and program development projects. A total of 73 proposals were submitted to external sponsors during fiscal year 2009; 41 of those proposals (56%) have been funded, with eight proposals still pending a decision.

External sponsors represent a cross section of government agencies, business and industry representatives, community organizations, and educational institutions. The bottom chart categorizes the grants SVSU received by agency type.

External Funding by Unit

Each unit contributes to overall funding, and the following chart compares the external award totals by unit for fiscal year 2009. Some of the awards received in fiscal year 2009 are a result of proposals submitted in previous fiscal years.



University Goals Supported by Grants

Academic Improvement - *The University will continuously develop and improve academic programs which are effectively delivered and periodically assessed, thereby motivating and enabling students to participate professionally and intellectually in an increasingly diverse, global, and technological society.*

Program Qualitative Distinctiveness - *The University will develop nationally recognized programs and areas of excellence that promote quality throughout the University and enhance the value of an SVSU degree.*

Enrollment Management – *The University will continue to be an institution of choice and opportunity for students who seek and obtain a college degree.*

Technology - *The University will continue to develop, maintain, and enhance its technological resources to facilitate excellence and innovation in teaching and learning and to improve institutional efficiency and effectiveness. The University will provide leadership for the greater community on technology issues.*

Campus Culture - *The University will promote and continuously enhance a culture and environment that fosters and supports the personal and intellectual growth of its students, faculty, and staff.*

Community Relations - *The University will continue to improve and expand its contributions to the greater community's quality of life and will forge stronger connections by becoming the premier cultural and intellectual center and resource for schools, businesses, and governments.*

INTERNAL GRANTS FOR FACULTY DEVELOPMENT

Four internal grant opportunities, described below, are available to SVSU faculty to support their professional growth and research. Fiscal year 2009 recipients of internal funds and release time are listed in this report under the college in which they reside.

SVSU Faculty Research and Professional Growth Awards

Each year the University Unit Committees recommend funding for faculty proposals requesting release time for research and/or professional development with consultation between the president of the Faculty Association and the vice president for Academic Affairs. The charge of the committees is to encourage and promote scholarship, advanced studies, and research among the faculty of Saginaw Valley State University. Committee responsibilities include the evaluation of applications and recommendation for the allocation of these funds. In fiscal year 2009, the University Unit Committees supported faculty requests totaling $64,459 and 48 hours of release time.

Sabbatical Leave

Eight sabbaticals were granted by the Board of Control in fiscal year 2009. SVSU professors are eligible to apply for sabbatical leave upon six consecutive years of service to the University.

SVSU Faculty Supplemental Funds

Each academic dean and vice president for Academic Affairs determines additional University support for professional development conference participation. Fifty–eight faculty requests were supported with $28,540 in fiscal year 2009 for presentations and conference participation.

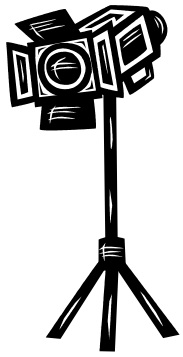
SVSU Foundation Resource Grants

SVSU Foundation Resource Grants enhance scholarship, further the academic and cultural missions of the University, and/or have significant impact on the University community for projects and programs which directly benefit and involve SVSU students. The Resource Grant Program was established in 1998 by the SVSU Foundation Board of Directors, and available funds are generated by distributions from the SVSU Foundation Resource Fund endowment. The evaluation committee includes appointed community members from the Saginaw Valley State University Foundation Board. For fiscal year 2009, ten grants were awarded totaling $23,836.

SUPPLEMENTAL FUNDS FOR STUDENT DEVELOPMENT

SVSU encourages student development by offering supplemental funds to students to attend conferences, symposiums, or to present their research. Last year, a total of $24,572 was given to students through the office of Academic Affairs and four of the University's colleges.

	Conference/Symposium	**Amount**
Academic Affairs	Midwest Sociological Society Conference	$1,620
	Chicago Law School Forum	$8,748
	London Study Abroad	$2,400
Arts & Behavioral Sciences	Stratford Shakespeare Festival	$1,788
	Society for Psychophysiological Research	$750
	National Association of Teachers of Singing	$312
	MI Academy of Science, Arts & Letters	$1,939
	Midwest Sociological Society	$678
	Central States Communication Conference & Undergraduate Student Honors Conference	$852
	MFL 190 – Arabic Culture & Language	$291
	Friends of Roethke – tour	$300
	MI High School percussion tour	$912
	Friends of Roethke – tour	$230
	American College of Theater Festival	$275
	Spanish 419	$74
	Friends of Roethke – tour	$230
	Sociology/Africa tour	$500
	Chippewa Nature Center, Shiawassee Nature Center	$585
Business & Management	RISE Conference	$600
	Beta Gamma Sigma Student Leadership Forum	$450
Education	Leadership Summit	$600
Science, Engineering and Technology	Engineering Expo	$172
	MathFest	$266



SPOTLIGHT ON FACULTY AND STAFF

A sample of grants that impact faculty research, SVSU students, and the Great Lakes Bay Region

Serving our community

Brian Thomas, Professor of Sociology, College or Arts and Behavioral Sciences
Dr. Thomas received $7,000 from the Saginaw Community Foundation to combine service-learning and research when experimenting with hydroponic systems for urban food production. As a result of this grant, Dr. Thomas received additional funding from Michigan Campus Compact that will further his efforts to improve healthy food access in urban settings.

Improving education

Poonam Kumar, Professor of Educational Technology and Development, College of Education
Dr. Kumar is in her second year of a five-year cooperative agreement with the U.S. Department of Education to integrate evidence-based instruction into the undergraduate special education teacher preparation program. She will receive a total of $581,585 over five years to ensure that SVSU's special education pre-service teachers meet highly-qualified teacher requirements, ultimately improving the achievement of K-12 students with disabilities.

Advancing health care

Debra Wagner, Assistant Professor of Nursing, College of Health and Human Services
Dr. Wagner's grant of $103,000 from the Michigan Department of Community Health will allow SVSU to provide an on-site education option for Covenant HealthCare System RNs completing their BSN degrees through computer-based learning and interactive television.

Impacting our environment

David Karpovich, Associate Professor of Chemistry, College of Science, Engineering and Technology
Dr. Karpovich's latest research grant from the Michigan Soybean Promotion Committee could potentially improve the economics of biodiesel production from soybean oil. His award of $19,975 allows Dr. Karpovich to hire students to assist in his research.

Developing instructional technology

Deborah Huntley, Dean, College of Science, Engineering and Technology
Ken Schindler, Executive Director, Information Technology Services
SVSU received $1,776,833 from the U.S. Department of Education under the Title III Strengthening Institutions program. These funds will assist in the improvement and expansion of online and distance education programs.

Enriching our culture

Linda Farynk, Director, Melvin J. Zahnow Library
Carlos Ramet, Executive Assistant to the President
Ms. Farynk and Dr. Ramet authored three grants each to support the Theodore Roethke Centennial Celebration. The Celebration, which consisted of a series of events in memory of Saginaw-born poet Theodore Roethke, was held in November 2008. All six grant proposals were funded for a total of $9,750 in support.

COLLEGE OF ARTS AND BEHAVIORAL SCIENCES

Externally Sponsored Awards

Grants, Contracts, and Appropriations

M. PATRICIA CAVANAUGH *English*
SVSU Students as Literacy/Volunteer Tutors Motivating Young Children
Saginaw Community Foundation - Ruth & Ted Braun Fellowship.....**$37,500**

CHS/SVSU Writing Academy
Michigan Campus Compact **$3,109**

HOLLY CHILD *Criminal Justice*
Faces of the Future - Evaluation Services
Oak Park Business & Education Alliance **$400**

BARBARA COHEN *Modern Foreign Languages*
Foreign Language Teaching Assistant (FLTA), Host Institution
U.S. Department of State.....**$40,000**

MARY HEDBERG *Arts & Behavioral Sciences*
College Transitions Digital Portfolio Project (KCP 4S, Year 3 of 3)
Michigan Department of Labor & Economic Growth **$134,618**

JOHN LESKO *English*
TESOL Arabia Travel Grant
TESOL Arabia International Conference Travel Grant Committee.....**$272**

DAVID SCHNEIDER *Communication*
President of the Executive Committee
Michigan Association for Higher Education **$10,000**

BRIAN THOMAS *Sociology*
Piloting two small-scale, four-season hydroponics for urban food production in the City of Saginaw
Saginaw Community Foundation.....**$7,000**

CAROL ZIMMERMANN *Criminal Justice*
SISD REMS Evaluation
Saginaw Intermediate School District **$11,000**

Total Amount Awarded FY 2009 **$243,899**

Internally Sponsored Awards

SVSU Faculty Research and Professional Growth Awards		**Dollars Allocated/ Release Time Allocated**
PETER BARRY	*Philosophy* Same-Sex Marriage and the Liberal State	**3 hours**
GEOFFREY CARTER	*English* New Media Instruction and Virtual Cultures- An Edited Essay Collection	**3 hours**
FENOBIA DALLAS	*English* Driving Mr. Dwight: How the Eisenhower Interstate System Impacted a Community	**$4,028/ 3 hours**
JANE GIRDHAM	*Music* Amateur Music-Making: Issues of Technique and Gender in Eighteenth-Century Britain	**$1,700**
JOSEPH JAKSA	*Criminal Justice* The Impact of Ideologies in Criminal Justice Education: Investigating the Acceptance of a Practical Based Curriculum in Undergraduate Education	**$1,500**
KENNETH JOLLY	*History* "'Agitate' is mighty close to 'fight'. Well what of it?": William Sherill and the Politics of Black Self-Determination in 1930's Detroit	**3 hours**
JOHN KACZYNSKI	*Psychology* Michigan State University Doctoral School	**$1,500**
SARA BETH KEOUGH	*Geography* Leaving Home for Home: Radio and Cultural Identity in the Newfoundland Diaspora in Alberta, Canada	**$5,078**
MICHAEL MOSHER	*Art* Digital Technology, California Muralists & Community Art Machines	**4 hours**
JANET ROBINSON	*Psychology* Repressiveness in two keys: The relationship between measure of repressiveness and cognitive function	**$6,225**
SCOTT YOUNGSTEDT	*Sociology* Contemporary Civil Society in Niger: Grassroots Development in the Poorest Nation on Earth	**$4,400**

SVSU Foundation Resource Grants

SARA CLARK	*Art* Art Student Trip to See SOFA Chicago and the Art Institute of Chicago	**$1,994**
FENOBIA DALLAS	*English* To allow the Association of Professional and Technical Writers (PTW) student organization to host a mini-conference and provide students the opportunity to present papers and posters	**$1,500**
KAREN LANG-KRAUSE/ KIRSTIE STROBLE	*Sociology/ SVSU Student* Student Trip to Costa Rica to Study Sociology/Spanish	**$500**
JULIE MEYER	*Music* SVSU Voice Majors Participation in Michigan National Association of Teachers of Singing Fall Adjudications	**$1,622**
JANET RUBIN/ CHRISTOPHER BIEK	*Theatre/ SVSU Student* Twelve Theatre students to travel to the joint conference of the American Alliance for Theatre and Education and the Association for Theatre in Higher Education in New York City	**$4,250**

Sabbaticals Granted for Research

SHAUN BANGERT	*Art* Pentimenti - Animated Stories from the Lives of Women	**Fall 2009**
JANE GIRDHAM	*Music* Amateur Music-Making Issues of Technique and Gender in Eighteenth-Century Britain	**Winter 2010**
GARY THOMPSON	*English* Performance-Related Scholarship	**Fall/Winter 2009-2010**
SCOTT YOUNGSTEDT	*Sociology* Book on Hausa Communities of Niamey, Niger West Africa	**Fall/Winter 2009-2010**

SVSU Faculty Supplemental Funds for Conference Presentations

PETER BARRY	*Philosophy* Same-Sex Marriage and the Charge of Illiberality	**$600**
	Mirror, Saints, and Evil Persons	**$500**
FENOBIA DALLAS	*English* From the Melting Pot to the Diversity Diversion: Multiculturalism as Anathema	**$191**
JESSE DONAHUE	*Political Science* From the Circus to the Zoo: Gus Knudson, Animal Welfare, and the New Deal	**$302**
ERIC GARDNER	*English* Rethinking the Occasional: Nineteenth Century Black Women's Newspaper Poetry	**$600**
GLADYS HERNANDEZ	*Modern Foreign Languages* La mujer almodovariana	**$600**
KENNETH JOLLY	*History* "By Our Own Strength": Recovering William Sherrill and the Politics of Self-Determination in 1930's Detroit	**$500**
ELISABETH JORGENSEN	*English* Granola-eating, Birkenstock-wearing Treehuggers Who Want to Take Your Guns: Re-framing Sustainable, Organic, Local Food Production	**$500**
	Lines, Angles, and Squares: Linear Epistemology and Cosmology in American English Idiom	**$671**
SARA BETH KEOUGH	*Geography* Internal Migration in Canada: The Case of Alberta's Oil Industry	**$600**
	Leaving Home for Home: Migration of Newfoundlanders to Alberta, Canada	**$600**
JOEL LEWIS	*History* Communists as patriots? The Young Communist League and citizenship debates in Britain and the United States, 1933-1939	**$188**
MATTHEW MARGRES	*Psychology* Teaching Behavior Modification	**$596**
MARGRET MCCUE-ENSER	*Communication* "He Was My Son." Judy Shephard Speaking as a Mom: Consciousness Raising as a Rhetorical Tool to Create Social Change	**$500**

SVSU Faculty Supplemental Funds for Conference Presentations (continued)

MARGRET MCCUE-ENSER	Inviting the "Unconventional": Teaching to Retain First-Generation and Non-Traditional Students; plus panel chair	**$600**
MICHAEL MOSHER	*Art* Visual Engineering: Mid 20th Century Power Systems and Electronics' Impact Upon a 21st Century Artist	**$600**
SANDRA NAGEL	*Psychology* Tridimensional Personality Questionnaire and Adult Attention-Deficit/Hyperactivity Disorder	**$500**
C. VINCENT SAMARCO	*English* The World is What We Make It: Teaching Working-Class Students in the Creative Writing Classroom	**$500**
DIANA TREBING	*Communication* Two presentations supported at same conference: Non-Native English Speaking Teachers: Issues Considerations and Examining Stress Factors Among ESL/International Student Populations	**$600**
LEE TREPANIER	*Political Science* Co-Director -- International Symposium	**$500**
	Justice, Vengeance, and Conciliation in Ancient and Modern Perspective	**$400**
ERIK TRUMP	*Political Science* From the Circus to the Zoo: Gus Knudson, Animal Welfare, and the New Deal	**$300**
ANTON TUPA	*Philosophy* Not "Who?" but "Why?": Information and Consent in the Ethics of Contemporary Health Care Decision-Making	**$544**
SCOTT YOUNGSTEDT	*Sociology* In and Out of Niamey: Cosmopolitanism in the Sahel Olumide Abimbola	**$600**

COLLEGE OF BUSINESS AND MANAGEMENT

Internally Sponsored Awards

SVSU Faculty Research and Professional Growth Awards		**Dollars Allocated/ Release Time Allocated**
JOSEPH OFORI-DANKWA	*Marketing and Management* Business success factors in the emerging sub-saharan nation of Ghana	**$4,400/ 4 hours**
RHONDA ROSS	*Business Law* Feasibility of Developing Affordable Alternate Energy Systems for Mid-Michigan Businesses and Farms	**4 hours**
ARIF SULTAN	*Economics* Parental Labor Supply and Childhood Obesity and Overweight	**$750/ 4 hours**

SVSU Foundation Resource Grants

WAYNE MACKIE/ RYAN SULLIVAN	*Finance/ SVSU Student* Student Attendance of the RISE Conference in Dayton, Ohio	**$5,000**

Sabbaticals Granted for Research

HONG PARK	*Economics* Knowledge Creation Mechanism	**Fall/Winter 2009/2010**

SVSU Faculty Supplement Funds for Conference Presentations

GARY CLARK	*Marketing and Management* Integrating College Students, Practitioners, and Professors in the Classroom: A Case Analysis for Improving 'Real-World' Class Projects	**$353**
HONG PARK	*Economics* Mortgage Credit Securitization and Subprime Mortgage Crisis	**$600**
RHONDA ROSS	*Business Law* Two presentations supported at same conference: Panel - Air Toxics Update: Implementation Area Sources and Residual Risk Presentation - Modeling an International Greenhouse Gas Emission Program on a Successful Market-Based Program	**$500**
SHYAMALENDU SARKAR	*Economics* The Role of Macroeconomics in Effective Business Decision-Making	**$500**
DANILO SIRIAS	*Marketing and Management* Raising Exam Scores with TOC	**$350**

COLLEGE OF EDUCATION

Externally Sponsored Awards

Grants, Contracts, and Appropriations

POONAM KUMAR *Educational Technology and Development*
SVSU Special Education Preservice Reform and Induction Cooperative Agreement (Year 2 of 5)
U.S. Department of Education: Office of Special Education & Rehabilitative Services……**$95,125**

HELENE J. LUSA *Educational Leadership*
Coaching for Instructional Effectiveness
Michigan Department of Education……**$197,703**

JAMES ROYLE *Teacher Education*
SISD Special Needs Consultant
Saginaw Intermediate School District ……**$21,000**

SVSU Regional Mathematics and Science Center

TAMARA BARRIENTOS
Middle School Mathematics Partnership for Algebra
Michigan Department of Education: Title II, A(3), (additional funding)…… **$42,341**

WALTER RATHKAMP
2008-2009 Mathematics and Science Center
Michigan Department of Education: Mathematics and Science Centers Program……**$76,878**

Great Lakes Stewardship Initiative
Great Lakes Fishery Trust …… **$18,620**

Total Amount Awarded FY 2009 **$451,667**

Internally Sponsored Awards

SVSU Faculty Research and Professional Growth Awards		**Dollars Allocated/ Release Time Allocated**
PUNAM KUMAR	*Educational Technology and Development* Structured Equation Modeling	**$1,649**

SVSU Faculty Supplemental Funds for Conference Presentations		
SUSAN HILLMAN	*Teacher Education* Measuring Fair Shares for All: Contexts for Fraction Division	**$500**
	Sorting Out Confusions: Bar Graphs and Histograms with the T1-73	**$500**
	Exploring the Confusions: Bar Graphs	**$500**
DEBRA LIVELY	*Teacher Education* Never Stop Reflecting: Using a Reflective Teaching Framework with Student Teachers	**$500**
	Two presentations supported at same conference: Come Play With Me: Supporting Play in Natural Environments for Infants/Toddlers Who Are Deaf/Hard of Hearing Leave Your Toys at Home! Strategies for Working with Families	**$500**
DEBORAH SMITH	*Teacher Education* Two presentations supported at same conference: Engaging Students with Probable Passages: A Strategy for Teaching and Learning Overcoming Resistance in the Classroom: Moral Reasoning as a Means for Teaching about Social Inequality	**$500**
CARRIE SORENSEN	*Teacher Education* Service as Chair of Carter G. Woodson Book Award Subcommittee	**$500**

SVSU Faculty Supplemental Funds for Conference Presentations (continued)

ANNE TAPP	*Education Technology and Development* Never Stop Reflecting: Using a Reflective Teaching Framework with Student Teachers	**$400**
	Come Play with Me: Supporting Play in Natural Environments for Infants/Toddlers Who Are Deaf/Hard of Hearing	**$500**
	Two presentations supported at same conference: Virtual Internships: Extending Beyond Geographical Boundaries Panel on E-Learning at Your Institution: What is the Opportunity Cost?	**$600**

CRYSTAL M. LANGE COLLEGE OF HEALTH AND HUMAN SERVICES

Externally Sponsored Awards

Grants, Contracts, and Appropriations

JANALOU BLECKE *Nursing*
Michigan Teaming Tactically Educating Nurses (MITTEN) Project
U.S. Department of Veterans Affairs……**$107,640**

2009 Graduate Nursing Scholarships - MI Department of Community Health
Michigan Department of Community Health……**$18,000**

2009 Undergraduate Nursing Scholarships - MI Department of Community Health
Michigan Department of Community Health……**$13,500**

ROSE LANGE *Nursing*
Benefits and barriers of physical activity: Differences in BMI weight classifications in women
Sigma Theta Tau International, Inc. - Theta Chi Chapter ……**$1,000**

SUZANNE SAVOY *Nursing*
Depressive Symptoms in Women Being Screened for Cardiovascular Disease Risk
Sigma Theta Tau International, Inc. - Theta Chi Chapter ……**$1,000**

DEBRA WAGNER *Nursing*
Partnering Around Capacity Enrichment (PACE) FY 2009
Michigan Department of Community Health…… **$103,000**

Total Amount Awarded FY 2009 **$244,140**

Internally Sponsored Awards

SVSU Faculty Research and Professional Growth Awards		**Dollars Allocated/ Release Time Allocated**
MARK GIESLER	*Social Work* The recruitment and retention of male social workers: A view from the academy	**$2,569**
BONNIE HARMER	*Nursing* PhD Completion	**$1,500**
KATHY PUTMAN	*Nursing* Continuing Nursing Education	**$1,500**
SUZANNE SAVOY	*Nursing* Depressive Symptoms in Women Being Screened for Cardiovascular Disease Risk	**$1,500**
DEBRA WAGNER	*Nursing* Doctor of Nursing Practice (DNP) program	**$1,500**

SVSU Foundation Resource Grants		
JOSHUA ODE	*Kinesiology* Student Attendance of the Annual American College of Sports Medicine Conference in Seattle, Washington	**$3,500**

SVSU Faculty Supplemental Funds for Conference Presentations		
TIMOTHY BLASIUS	*Occupational Therapy* Generation Y Versus Occupational Therapy Education	**$500**
KAREN BROWN-FACKLER	*Nursing* Student Incivility	**$300**
MARK GIESLER	*Social Work* Two presentations supported at same conference: Negotiations of Power and Privilege: The Male Social Worker Experience Voices From the "Quiet Revolution:" Gay Fathers Speak Out About the Child Welfare System	**$500**

SVSU Faculty Supplemental Funds for Conference Presentations *(continued)*

MARK GIESLER	Writing the Inside Out Narrative: Coming Out in Academia "On the Margins of Fatherhood?" Gay Fathers Who Parent Girls	**$500**
JEREMY KNOUS	*Kinesiology* Assessment of Cardiovascular Disease Risk Factors in College Students	**$500**
ROSE M. LANGE	*Nursing* Two presentations supported at same conference: A New Dynamic Pedagogical Method to Teach Health Behavior Planning to Community Health Nursing Educators The Endocrine Disruptor Hypothesis: Effective Teaching To and Bh Community Health Nurses About An Environmental Concern	**$500**
JANET NAGAYDA	*Occupational Therapy* Teaching as Therapeutic Intervention	**$500**
JOSHUA ODE	*Kinesiology* Diagnostic Accuracy of Body Mass Index in the Detection of Overfatness: A Meta-Analysis	**$500**
SUZANNE SAVOY	*Nursing* Abstract for poster presentation - A Synthesis Project Addressing Nurse Sensitive Quality Indicators: An Intervention for Never Events	**$500**
	Conference - A Synthesis Project Addressing Nurse Sensitive Quality Indicators: An Intervention for Never Events	**$500**
DEBRA WAGNER	*Nursing* A Synthesis Project Addressing Nurse Sensitive Quality Indicators: An Intervention for Never Events	**$500**
STEPHEN YANCA	*Sociology* Generalist Social Work Practice with Groups: Sharing a Past, Present, and Future	**$500**

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY

Externally Sponsored Awards

Grants, Contracts, and Appropriations

ANDREW CHUBB *Chemistry*
Research Equipment
U.S. Department of Energy-Chicago Office……..**$79,701**

DAVID KARPOVICH *Chemistry*
Developing glycerin in oil emulsions for as heating fuel supplements
Michigan Soybean Promotion Committee ……**$19,975**

MORTEZA MARZJARANI/ *Computer Science/*
ROCHELLE HAND SVSU Student
Study of our Planets
Michigan Space Grant Consortium – Undergrad. & Grad. Fellowship Program……..**$2,500**

Z. PATRICK PAN *Mathematical Sciences*
Characterizations of Transformations 2009
Saginaw Community Foundation - Ruth & Ted Braun Fellowship ……..**$37,500**

CHRISTOPHER SCHILLING *Mechanical Engineering*
Biodegradable Plastics of Protein and Polysaccharide Carboxylates: Manufactuarability Studies
Michigan Initiative for Innovation and Entrepreneurship (MIIE).……**$83,000**

ROBERT TUTTLE *Mechanical Engineering*
Solidification Based Grain Refinement in Steels, Volume 1: Technical Proposal (Year 2 of 2)
Office of Naval Research……..**$81,725**

BING YANG *Biology*
Consulting and Services Agreement
Life Sciences ……..**$1,424**

Total Amount Awarded FY 2009 **$305,825**

Internally Sponsored Awards

SVSU Faculty Research and Professional Growth Awards

		Dollars Allocated/ Release Time Allocated
PLAMMOOTTIL CHERIAN	*Biology* Monoclonal Antibodies as Therapeutic agents against Emerging Strains of Pathogens and Tumor cells using Escherichia coli O157:H7 a model	**$4,615/ 4 hours**
ARTHUR MARTIN	*Biology* The Influence of Dominance on the acquisition and maintenance of a food resource in the crayfish, Orconectes rusticus	**$3,600/ 3 hours**
JASON PAGANO	*Chemistry* Physicochemical Studies of Precipitation Tubes	**$7,195/ 3 hours**
SALLY SHEPARDSON	*Biology* Ultrastructural Study of Bittacus strigosus and Panorpa acuta Sperm	**$2,250**
TAMI SIVY	*Chemistry* Investigations of toxic metabolites in the isoprenoid metabolism pathways	**$5,000/ 3 hours**
WILLIAM VAUTAW	*Mathematical Sciences* The Torelli Group	**$2,000/ 3 hours**
BING YANG	*Biology* Development of Polymer Carriers for Platelet Derived Growth Factor (PDGF)	**4 hours**

Sabbaticals Granted for Research

GARRY JOHNS	*Mathematics* Determining Distance Properties for Large Graphs via Graph Transformations	**Winter 2010**
MORTEZA MARZJARANI	*Computer Science and Information Systems* Application of Fuzzy Logic to the Six Sigma Project	**Fall 2009**
MARIAN SHIH	*Physics* Revision of the PHYS 107 Physics Laboratory Manual	**Winter 2010**

SVSU Faculty Supplemental Funds for Conference Presentations

HASAN AL-HALEES	*Mathematical Sciences* On 2-Local Isometries on Continuous Vector-Valued Function Spaces	**$500**
ANTHONY CRACHIOLA	*Mathematical Sciences* Cancellation for 2-Dimensional Unique Factorization Domains	**$500**
CURTIS GROSSE	*Mathematics* Math for Minorities Program Collaboration between SVSU and High Schools	**$345**
FARID HALLOUCHE	*Computer Science and Information Systems* Two presentations supported at same conference: 2- Knowledge Management: Assessment of Strategies and Innovative Technologies	**$500**
	Capstone Experiences: Lessons Learned in Mastering CS Competencies	
TAI-CHI LEE	*Computer Science and Information Systems* Blowfish Encryption/Cecryption Using FPGA and Custom Instructions	**$500**
MORTEZA MARZJARANI	*Computer Science and Information Systems* Fuzzy Logic and Six Sigma	**$500**
	Parallel Processing in Artificial Intelligence	**$500**

INSTITUTIONAL

Externally Sponsored Awards

Grants, Contracts and Appropriations

DIANE BOEHM *University Writing Program*

The Saginaw Bay Writing Project – FY 2009
National Writing Project……**$43,000**

LINDA FARYNK *Melvin J. Zahnow Library*

Performance of Roethke and Me: Conjuring the Garden Master
Maxwell K. Pribil Memorial Fund ……**$5,000**

Performance of Roethke and Me: Conjuring the Garden Master
Northeast Michigan Arts Council……**$1,000**

Theodore Roethke Centennial Celebration
Michigan Center for the Book……**$750**

CALVIN MCFARLAND *Minority Student Services*

GEAR UP/College Day Project (Federal Grant and State Appropriated Funds)
Michigan Department of Education: Department of Labor & Economic Growth/
U.S. Department of Education ……**$44,894**

DEBORAH HUNTLEY *Academic Affairs*

SVSU's Strengthening Institutions Project FY 2009 – 2013 (Year 1 of 5)
U.S. Department of Education ……**$350,205**

CARLOS RAMET *Office of the President*

The Theodore Roethke Poetry Prize Celebration
Saginaw Community Foundation……**$2,000**

Theodore Roethke Poetry Prize Celebration Event
Michigan Humanities Council ……**$500**

MAMIE THORNS *Diversity Programs*

King Chávez Parks Future Faculty Fellowship Program 2008-2009
Michigan Department of Labor & Economic Growth……**$35,890**

King Chávez Parks Visiting Professors Program 2008-2009
Michigan Department of Labor & Economic Growth……**$11,258**

Volunteer START - Tuscola Street Community Garden
United Way of Saginaw County ……**$2,500**

Grants, Contracts and Appropriations (continued)

Saginaw County Youth Leadership Learn & Serve Challenge
Michigan Campus Compact ……..……..……..**$500**

MARILYN WHEATON *Marshall M. Fredericks Sculpture Museum*

Nancy Thayer Paintings and Russell Thayer Sculptures Exhibition
Michigan Council for Arts and Cultural Affairs …….**$6,200**

The Softness of Iron: Welded Sculptures
Saginaw Community Foundation……..……**$2,500**

Alden B. Dow/Marshall M. Fredericks Exhibit Planning Project
Michigan Humanities Council……..……**$960**

Total Amount Awarded FY 2009 **$507,157**

Internally Sponsored Awards

SVSU Foundation Resource Grants

DIANE BOEHM/ JAMIE WENDORF	*University Writing Program/ SVSU Student* To establish the Living Through Literacy Program at SVSU which creates unique volunteer opportunities for students and helps hospice patients produce written heirlooms	**$2,000**
DIANE BOEHM/ RACHEL AUDET, NOAH ESSENMACHER, KELLI FITZPATRICK, ROBBIE PIESCHKE	*University Writing Program/ SVSU Students* SVSU Writing Center Mentor Attendance & Presentation at International Writing Center Association Conference	**$770**
ANDREA ONDISH	*Marshall M. Fredericks Sculpture Museum* Scholarships for Area Children to Attend MFSM Sculpture Summer Camp	**$2,700**

CENTER FOR BUSINESS AND ECONOMIC DEVELOPMENT

Externally Sponsored Awards

Grants, Contracts and Appropriations

MARK CLEVEY
Social Entrepreneurship
National Collegiate Inventors & Innovators Alliance ……**$6,500**

HARRY LEAVER
Emerging Technologies Fund (Year 1 of 2)
Dow Corning Corporation ……**$35,100**

Entrepreneurship Internship Program
Michigan Initiative for Innovation and Entrepreneurship (MIIE)……**$3,000**

MONICA REYES
Step-Up Workshops FY 2009
ThumbWorks!……**$23,125**

Best Practices for Non-Profits
Harvey Randall Wickes Foundation……**$5,000**

Pain Management: Making A Difference
Endo Pharmaceuticals…… **$2,000**

Pain Management: Making A Difference
Purdue Pharma L.P.……**$2,000**

ROBERT SCHOOKS
MMTC Administration FY 2009
Michigan Manufacturing Technology Center ……**$158,750**

Total Amount Awarded FY 2009 **$235,475**

STUDENT RESEARCH AND CREATIVITY INSTITUTE AWARDEES

Student	*Faculty Mentor*	*College*	*Amount*
DAVID BOSCO, JASON KOPKA, ASHLEY SCHUMACHER To create an engineering project, utilizing mechanical engineering knowledge, to create an outdoor wheelchair-accessible merry-go-round	**Brooks Byam**	Science, Engineering and Technology	**$6,950**
MUFADAL AMIJI, MOHAMED MKAKILE, DEAN NORFLEET To design a system for SVSU which will automate the process of collecting critical data used in maintaining and monitoring of an aquaponics system	**Russell Clark**	Science, Engineering and Technology	**$5,120**
RON ALLISON, JASON GERARD, PAUL MILLER, BEN WEIHL To create a hybrid alternative energy system (solar and wind) to charge an electric cart vehicle	**Russell Clark and Chris Schilling**	Science, Engineering and Technology	**$9,777**
CHRISTI RAINES To analyze the population genetics of Mid-Michigan waterfowl populations using microsatellite DNA markers	**Gail Kantak**	Science, Engineering and Technology	**$6,050**
NANA KWAME AKOWUAH To train Ghanian marketplace women in basic managerial skills and to establish a model entrepreneurial program	**Ken Kousky**	Business and Management	**$8,229**
PETER MARTINI To purchase human response dials, conduct a case study of jury attitudes towards rape victims, and to present findings at a conference	**Sandra Nagel**	Arts and Behavioral Sciences	**$952**
BRETT ELLIOT, TYLER FRANK, JENNIFER WILK A collaborative act: Bringing the thrills and entertainment of murder mystery theatre to the Saginaw Community	**Ric Roberts**	Arts and Behavioral Sciences	**$2,000**

Student Research and Creativity Institute Awardees (continued)

ADELINE BAUER To examine and analyze the population genetics of mussels in the Great Lakes.	**David Stanton**	Science, Engineering and Technology	**$5,600**
SAMANTHA NOAH A research project to investigate the effects and implications of the increase in the Michigan minimum wage on Tri-County businesses.	**Christopher Surfield**	Business and Management	**$1,463**
CLAIRE HERHOLD To support primary source research in Boston and New York City on attitudes towards abolition by Colonel Shaw and to produce a scholarly paper for publication.	**Paul Teed**	Arts and Behavioral Sciences	**$4,089**
Total Amount Awarded FY 2009			**$50,230**