



SVSU

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Board of Control  
Minutes

August 18, 2014



## **SAGINAW VALLEY STATE UNIVERSITY**

MEETING MINUTES

BOARD OF CONTROL

REGULAR FORMAL SESSION

Board of Control Room, Third Floor Wickes Hall

August 18, 2014

1:30 p.m.

*PRESENT:* Jeff Martin, Chair  
Cathy Ferguson, Vice Chair  
Jenee Velasquez, Secretary  
Scott Carmona, Treasurer  
Dennis Durco  
David Gamez  
John Kunitzer  
Jerome Yantz  
Donald Bachand, President- Ex Officio

*ABSENT:*

*OTHERS PRESENT:*

Shaun Bangert  
Andy Bethune  
JJ Boehm  
John Decker  
Craig Douglas  
Gene Hamilton  
Deb Huntley  
Jim Muladore

Carlos Ramet  
Joe Rousseau  
Judy Ruland  
Monica Sciba  
Mamie Thorns  
Joe Wojtkiewicz  
Carol Zimmerman  
Press

SAGINAW VALLEY STATE UNIVERSITY  
BOARD OF CONTROL  
AUGUST 18, 2014  
REGULAR FORMAL SESSION  
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***I. CALL TO ORDER***

Chair Martin called the meeting to order at 1:30 p.m.

***II. PROCEDURAL ITEMS***

**A. Approval of Agenda and Additions to and Deletions from Agenda**

There were no additions to or deletions from the agenda.

The agenda was APPROVED as distributed.

**B. Approval of Minutes of June 16, 2014 Regular Formal Session of the Board of Control**

**It was moved and supported that the minutes of the June 16, 2014 Regular Formal Session be approved.**

The minutes were unanimously APPROVED as written.

**C. Recognition of the Official Representative of the Faculty Association**

Professor Shaun Bangert, President of the Faculty Association, commented that she is looking forward to working with the Board as the university begins a new academic year.

**D. Communications and Requests to Appear Before the Board**

- Monika Sciba, Staff Member of the Month for June, was introduced to the Board. (See Appendix One: Sciba.)
- President Bachand introduced Dr. Craig Douglas as the newly appointed Director of the School University Partnership Office. His appointment was effective July 7, 2014.

***III. ACTION ITEMS***

**1. Resolution to Rename the Regional Education Center "Eric R. Gilbertson Hall"**

RES-2094     **It was moved and supported that the following resolution be adopted:**

**WHEREAS, Eric R. Gilbertson served as President of Saginaw Valley State University in Michigan from August 1989 until February 2014, providing exemplary leadership for an unprecedented twenty-four years; and**

**WHEREAS, Eric R. Gilbertson earned graduate degrees in economics and law. Prior to his presidency at Saginaw Valley State University, Dr. Gilbertson served as President of Johnson State College in Vermont; as Executive Assistant to the President of Ohio State University; and as Legal Counsel to the Ohio Board of Regents; and**

**WHEREAS, Under his leadership at SVSU, enrollment grew dramatically from 5,915 students when he arrived to 10,245 when he retired as president. In the years coinciding with his service, the physical plant tripled in size to more than 2.3 million square feet of building space and included what at the time was the largest instructional facility on campus, the 130,000 square-foot \$28 million Regional Education Center, equipped with the most advanced education technology then available; and**

**WHEREAS, Dr. Gilbertson directed several private fundraising campaigns to increase opportunities for students and to attract distinguished scholars to serve both students and SVSU's community partners throughout the region and the state. During the years of his presidency, SVSU's endowment grew twenty-fold, exceeding \$65 million and supporting nine endowed chairs, seven fellowships and more than 300 endowed scholarships and programs; and**

**WHEREAS, Eric R. Gilbertson was particularly committed to international education exchanges, believing these lift student aspirations and change lives and perspectives in dramatic and extraordinary ways. In consequence, the University during his tenure developed and expanded sister-institution relationships with universities in Japan, Great Britain, India and Taiwan, providing opportunities for hundreds of students from SVSU to participate in these and other international exchanges, and for dozens of SVSU faculty to develop professionally through collaborative research projects or presentations overseas on topics of bilateral interest. Similarly, the University during this period hosted hundreds of international visitors for short and long-term stays that enhanced the global awareness of the campus community; and**

**WHEREAS, Eric R. Gilbertson has been deservedly recognized with many awards and honors including the Spirit of Saginaw Award from the Saginaw Country Chamber of Commerce; an Honorary Doctor of Management Degree from Ming Chuan University in Taiwan; the Robert H. Albert Lifetime Community Service Award from the Saginaw County Chamber of Commerce; and the Outstanding Achievement Award in Higher Education from the National Association for the Advancement of Colored People.**

**NOW, THEREFORE, BE IT RESOLVED THAT in recognition of these contributions and achievements the building currently known as the Regional Education Center be renamed "Eric R. Gilbertson Hall."**

Chair Martin commented: "While no single recognition can fully express our gratitude or adequately capture all of the contributions Eric made over the past quarter century, our hope is that Gilbertson Hall will serve as a lasting tribute to his legacy of commitment to putting students' needs first and of building collaboration across the Great Lakes Bay Region." Chair Martin further noted that a formal building-naming ceremony will take place on October 13, 2014.

The motion was APPROVED unanimously.

2. Resolution in Appreciation of Joseph G. Rousseau

**RES-2095     It was moved and supported that the following resolution be adopted:**

**WHEREAS, Mr. Joseph G. Rousseau served Saginaw Valley State University with dedication and distinction from 2004 to 2014 through a series of increasingly responsible positions; and**

**WHEREAS, Mr. Rousseau assumed the role of Director of the School and University Partnership Office in 2010, providing effective and insightful leadership during a four-year period. Mr. Rousseau brought more than forty years of experience in public education administration to that position and guided the department with the care and consideration that have marked his career; and**

**WHEREAS, Mr. Joseph G. Rousseau has been actively engaged in the community and in professional organizations, serving as President of the Michigan Association of School Administrators for Region IV, as a Trustee for the Saginaw Art Museum, and as President of the Compassionate Friends Inc., an international support organization for bereaved parents and siblings; and**

**WHEREAS, Mr. Rousseau has been deservedly recognized for his contributions to public education and the quality of life in our region. His various awards include the Golden Rule Community Service Award from the J.C. Penny Company, the Jefferson Award for Community Service from WNEM-TV, and the *Saginaw News* Family of the Year Award, also for community service.**

**NOW, THEREFORE, BE IT RESOLVED, That the Saginaw Valley State University Board of Control convey to Mr. Joseph G. Rousseau its sincere gratitude and appreciation for his contributions to advancing excellence in education and for his dedicated support of and service to the University.**

**BE IT FURTHER RESOLVED, That a copy of this resolution be framed and presented to Mr. Rousseau as a permanent expression of the University's appreciation.**

Chair Martin thanked Mr. Rousseau for his commitment to advancing excellence in education and for his leadership and dedication to the University.

President Bachand also expressed his appreciation to Mr. Rousseau for the devotion and professionalism that he brought to his work. He also commended Mr. Rousseau for the strong leadership he provided during the past four years as Director of the School University Partnership Office.

The motion was APPROVED unanimously.

3. Resolution to Approve the Appointment of Isabelle Weiss to the Marshall M. Fredericks Sculpture Museum Board

**RES-2096     It was moved and supported that the following resolution be adopted:**

**WHEREAS, The Marshall M. Fredericks Sculpture Museum Board is comprised of qualified individuals who have the responsibility of advising the President and the University Board of Control regarding major decisions of the Museum; and**

**WHEREAS, The Museum Board recommends that Isabelle Weiss be appointed to serve a three-year term ending in May 2017.**

**NOW, THEREFORE, BE IT RESOLVED, That the appointed member serves on the Marshall M. Fredericks Sculpture Museum Board as stipulated in the organization's bylaws.**

The motion was APPROVED unanimously.

4. Resolution to Approve New Members and Reappointments to the Saginaw Valley State University Board of Fellows

**RES-2097     It was moved and supported that the following resolution be adopted:**

**WHEREAS, The Saginaw Valley State University Board of Fellows shall consist of a minimum of twelve and a maximum of forty members who shall serve for four-year terms; and**

**WHEREAS, Trish Burns, Janet M. Greif, Donald F. Pussehl Jr., Laura B. Yockey and William A. (Bill) Zehnder have been recommended for appointment as new members; and**

**WHEREAS, Waheed Akbar, Paul C. Chaffee, John A. Decker, Kenneth W. LeCureux, Terrance E. Lerash and Scott Walker have been recommended for reappointment to the Board of Fellows;**

**NOW, THEREFORE, BE IT RESOLVED, That the new members and the reappointed members serve on the Saginaw Valley State University Board of Fellows as stipulated in the organization's bylaws.**

The motion was APPROVED unanimously.

5. Resolution to Approve Renovation of South Campus Complex (Buildings B and C)

**RES-2098     It was moved and supported that the following resolution be adopted:**

**WHEREAS, The South Campus Complex Buildings B and C, constructed in 1966 and 1968, provide office space for Information Technology Services, Mailroom, Receiving and the Graphics Center;**

**WHEREAS, The South Campus Complex buildings remain structurally sound as originally built and can provide functional space for the University well into the future if properly maintained; and,**

**WHEREAS, South Campus Complex windows, doors and various other ancillary items are in need of repair or replacement;**

**NOW, THEREFORE, BE IT RESOLVED, That the Board hereby authorizes the President or Executive Vice President for Administration and Business Affairs to enter into contracts for the renovation of South Campus Complex B and C with a project budget of \$475,000.**

The motion was APPROVED unanimously.

6. Resolution to Approve Master of Arts in Teaching Chinese as a Foreign Language

**RES-2099 It was moved and supported that the following resolution be adopted:**

**WHEREAS, the University Graduate Committee unanimously endorsed the creation of a new collaborative proposal between Saginaw Valley State University and Ming Chuan University in its meeting on January 24, 2014 and the faculty unanimously supported this program at the March 13, 2014 ratification meeting, and**

**WHEREAS, ability in Chinese (Mandarin) language is of increasing importance in a globalized society and international business, and**

**WHEREAS, it is crucial for the University to maintain and develop current and relevant programs, to benefit both our students and our region, and to collaborate effectively with international partners, and**

**NOW, THEREFORE, BE IT RESOLVED THAT the Master of Arts in Teaching Chinese as a Foreign Language be approved for implementation in the Fall semester of the 2014-2015 academic year, and**

**BE IT FURTHER RESOLVED, THAT, the faculty in the Colleges of Education and Arts and Behavioral Sciences be commended for their creative and innovative development of a shared program with our international partner, Ming Chuan University.**

President Bachand noted that the program is a joint effort with Taiwan-based Ming Chuan University, which dedicated its Michigan campus on SVSU's campus in June. He further noted that Mandarin has become an increasingly important language in the business world and global society, and SVSU expects demand for the program to grow among both domestic and international students.

The motion was APPROVED unanimously.

#### ***IV. INFORMATION AND DISCUSSION ITEMS***

##### **7. Charter Schools Update – Michigan Department of Education Visit**

Dr. Craig Douglas, Director of the School and University Partnership, updated the Board on a Michigan Department of Education (MDE) special meeting that was held for Charter School Authorizing Agencies on July 28, 2014.

Dr. Douglas reported that the MDE is establishing rigorous principles for measuring transparency, academic, and financial practices for charter authorizers, and they are conducting a thorough review of each authorizer. Dr. Douglas noted that the purpose of the meeting was to review these proposed authorizing requirements, processes, procedures and protocols. Dr. Douglas expressed confidence that the School University Partnership Office currently operates within the guidelines that are being set forth by the MDE.

##### **8. Charter Schools – HEART Academy Closure**

Dr. Craig Douglas, Director of the School and University Partnership, notified the Board that HEART Public School Academy Board of Directors adopted a resolution to dissolve the academy on July 23, 2014.

Dr. Douglas noted that HEART Academy's legal counsel will perform all duties necessary for the orderly dissolution of the school.

##### **9. Academic Affairs – Report on New Hires**

Dr. Deborah Huntley, Provost and Vice President for Academic Affairs, reviewed the attached list of faculty and academic staff hires for fall 2014. (See Appendix Two: New Hires.)

##### **10. Overview of STEM Initiatives (See Appendix Three: STEM)**

Dr. Deborah Huntley, Provost and Vice President for Academic Affairs, provided an overview of the recent SVSU involvement in Science, Technology, Engineering and Math (STEM) initiatives at the middle school, high school and college levels, and particularly within the Great Lakes Bay Region.

Provost Huntley noted that more must be done to prepare students to succeed locally and to compete globally. She acknowledged that students who come to SVSU to study STEM are going to have a wide range of new opportunities for undergraduate research that will

give them a competitive advantage when they are seeking jobs or applying to graduate schools.

Provost Huntley further added that SVSU is collaborating with employers as well as K-12 schools to provide needed resources. She stated that this is within SVSU's mission as a regional public university; she further indicated that she foresees SVSU doing even more in the years to come.

11. Title IX Update

Dr. Mamie Thorns, Special Assistant to the President for Diversity Programs, briefed the Board on the U.S. Department of Education Office of Civil Rights Title IX regulations.

Dr. Thorns addressed the news of recent federal investigations into colleges and universities over concerns about how sexual assault cases are being handled. She outlined the procedures that are in place at SVSU regarding sexual harassment and sexual violence.

President Bachand noted that in August he attended the Public Safety retreat and addressed the issue of Title IX compliance. He also reinforced the roles and responsibilities the University has in addressing and handling sexual assault cases on campus. He stressed that there is zero tolerance for this type of behavior.

12. Crime Prevention Council Update

Dr. Carol Zimmermann, Associate Professor of Criminal Justice, presented an overview of "engaged learning". Criminal Justice students, along with students from Modern Foreign Languages (Spanish) and Geography have had experiential learning opportunities with the Saginaw County Crime Prevention Council (SCCPC), which is hosted by SVSU. The Saginaw County Crime Prevention Council is a collaborative, multi-agency, multi-level group that meets regularly to provide a countywide forum to open lines of communication and support strategic efforts to prevent crime in Saginaw County.

Dr. Zimmermann provided data to support the symbiotic relationship between the SCCPC and students. Students build their ability to interact with professionals and meet the requirements of the council for crime mapping, research, and practical assistance with crime prevention efforts. These included marketing plans, brochures, and handouts (in Spanish and English) to equip citizens to maintain the peace in their community.

Zimmermann asserted that SVSU's support of these engaged learning experiences provides our students with skills they need to succeed in their programs. It also prepares them to take strategic leadership roles when they leave SVSU.

***V. REMARKS BY THE PRESIDENT***

President Bachand made no formal remarks.

**VI. OTHER ITEMS FOR CONSIDERATION**

There were no other items for consideration.

**VII. ADJOURNMENT**

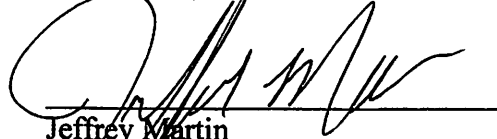
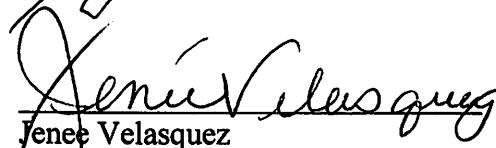
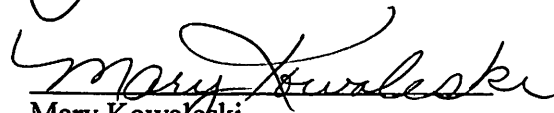
13. Motion to Adjourn

BM-1160      **It was moved and supported that the meeting be adjourned.**

The motion was APPROVED unanimously.

The meeting was adjourned at 3:05 p.m.

Respectfully submitted:

  
\_\_\_\_\_  
Jeffrey Martin  
Chair  
\_\_\_\_\_  
Jeneé Velasquez  
Secretary  
\_\_\_\_\_  
Mary Kowaleski  
Recording Secretary  
Secretary to the Board of Control

# Monika Sciba

Special Assistant, College of Health & Human Services • June Staff Member of the Month

There's rarely a dull moment in the professional life of Monika Sciba. Still, every year the sound of the SVSU marching band's summertime rehearsals outside her office window never fails to jolt her with a renewed sense of enthusiasm for work.

"Even though it means the summer is almost over, the start of fall semester gives me the feeling of excited anticipation for all that the new academic year will bring," she said.

Sciba, a special assistant in the College of Health & Human Services dean's office, is juggling diverse projects no matter what time of year it is.

"When someone has a need, I'm often the person they come to," said the June Staff Member of the Month. "The day never unfolds as I envision."

The College of Health & Human Services has grown substantially in the four years since she arrived there.

Sometimes she's called on by the dean to research data needed to kickstart a new program. While much of her work is administrative in nature, she has been asked to lead impromptu tours of the college for international visitors or community partners. She's coordinated faculty volunteers to participate in student outreach activities and has been recruited by faculty to participate in healthcare simulations. She is happy to do anything that supports SVSU and helps students graduate, Sciba said.

The variety of work is unending. So is the energy. Sciba said being around students provides an added push.

Sciba began working with them in 1997 when she joined SVSU as an academic advisor in Wickes Hall.

"One thing that's been rewarding about moving from the administrative building is that now I'm in the students' environment," she said. "It's a privilege to see how the faculty and staff in our college help students grow and develop their professional health and human services identities."

SVSU runs in the Sciba family now, too. Her daughter, Ellie, will be a sophomore this academic year.

Sciba considers herself a proud member of the campus community, even outside of her work duties.

She is an SVSU graduate with a master's degree in organizational leadership and administration. She credits her participation in the Healthy U program with reversing a pre-diabetes condition. She's a member of SVSU groups such as the Student Conduct Hearing Board and the LGBT Advisory Committee. Sciba has been trained as an inclusion advocate for search committees too. And she can be seen attending events including theatre productions and athletic contests, where that comforting, familiar sound of the marching band sometimes plays.



## SVSU Welcomes New Faculty for Fall 2014

Department	Name	Rank	Degree	Degree From	Came From
<b>College of Arts &amp; Behavioral Sciences</b>					
Art	Phillip Hanson*	Asst	MFA	The Ohio State University	SVSU - Adjunct Faculty
English	Kristin Sovis*	Asst	PhD	Western Michigan University	SVSU - Adjunct Faculty
English	Michael Somers	Lec	MA	Northern Michigan University	Delta College
History	Isaac Stephens	Asst	PhD	University of California-Riverside	Auburn University/Huntington Library
Modern Foreign Languages	Maribel Colorado-Garcia*	Asst	PhD	Western Michigan University	Grand Valley State University
Political Science	Agnes Simon*	Instr	PhD	University of Missouri	The OSCE Academy - Kyrgyzstan
Psychology	Travis Pashak	Asst	PhD	Saint Louis University	Saint Louis University/Purdue University
Art Gallery Coordinator	Corey Gilbert		BFA	Saginaw Valley State University	Saginaw Art Museum
Executive in Residence	Eric Gilbertson		JD	Cleveland State University	SVSU
<b>College of Business &amp; Management</b>					
Economics	Micah DelVecchio	Asst	PhD	Colorado State University	Colorado State University
Management/Marketing	Izabela Szymanska	Asst	ABD	University of North Carolina at Charlotte	University of North Carolina at Charlotte
<b>College of Education</b>					
Educational Leadership	Michael Frazee*	Asst	EdD	Western Michigan University	SVSU/CMU - Adjunct Faculty
<b>Crystal M. Lange College of Health &amp; Human Services</b>					
Health Science	Maureen Muchimba	Asst	DPH	University of Alabama at Birmingham	University of Colorado
Kinesiology	Michelle Kabay	Asst	PhD	Duquesne University	Waynesburg University
Kinesiology	Adam Coughlin	Assoc	PhD	Michigan State University	Adrian College
Kinesiology	Ian Cowburn*	Asst	PhD	Michigan State University	Michigan State University
Nursing	Dustin Spencer	Asst	DNP	Frontier Nursing University	SVSU - Adjunct Faculty
Nursing	Cynthia Hupert*	Asst	MSN	Saginaw Valley State University	SVSU - Adjunct Faculty
Nursing	Olga Munguia-Castanon	Asst	MSN	Saginaw Valley State University	SVSU - Adjunct Faculty
Nursing	Cuiqing Liu			International Visiting Scholar	Jinan University
Nursing	Xuemai Lai			International Visiting Scholar	Jinan University
Social Work	Denise Dedman	Asst	PhD	Western Michigan University	University of Michigan-Flint
Social Work	Michael Heron*	Asst	MSW	Fordham University	SVSU - Adjunct Faculty
Executive in Residence	James Collins		PhD	University of Illinois-Urbana	Dow Chemical
Wickes Endowed Chair in Nursing	Kathleen Schachman		PhD	University of Missouri-St Louis	Montana State University
Nursing Simulated Learning Laboratory Specialist	Sharon Panepucci		MSN	Ferris State University	Kirtland Community College
Clinical Coordinator in Nursing	Danielle Trombley		BSN	Saginaw Valley State University	Bay Regional Pediatrics

**College of Science, Engineering & Technology**

Biology	William Calvin Borden	Asst	PhD	Cleveland State University	Loyola University of Chicago
Computer Science	George Corser	Asst	ABD	Oakland University	Oakland University
Computer Science	Chad Dewey	Lec	ABD	Capella University	SVSU/Davenport University - Adjunct Faculty
Electrical and Computer Engineering	Young-Man Kim	Asst	PhD	Wichita State University	University of Michigan-Flint
Mechanical Engineering	Annamalai Pandian	Asst	DEMS	Lawrence Technological University	University of Wisconsin-Stout

**International and Advanced Studies**

ELP - International Visiting Scholar from Shikoku University	Mark Fennelly		MA	University of Birmingham	Shikoku University
ESL Specialist	Jannette Hermina		PhD	University of New Mexico	University of New Mexico
ESL Specialist	Derek Drake		PhD	University of Wisconsin	SVSU
ESL Specialist	Michael Bush		PhD	University of Toronto	SVSU
International Student Advisor	Jasmine Cao		MA	Bowling Green State University	Yunna University

**Enrollment Management**

Assistant Director Academic Advisement Center	Neil Baumgartner		MA	Saginaw Valley State University	Ferris State
Assistant Director Academic Advisement Center	Theodore Lind		MA	Saginaw Valley State University	University of Michigan Flint
Assistant Director Admissions	Eric Davis		BA	Saginaw Valley State University	SVSU

**Student Affairs**

Resident Director, Residential Life	Elyse Ledy		BA	SVSU (Comm/Mgmt)	SVSU
Assistant Director, Student Life Center	Anthony Ciandolo		BA	SVSU (History)	SVSU
Assistant Director, Student Counseling Center	Anne Acker		MA	CMU (Counseling)	MidMichigan Medical Center

**Academic Affairs**

Assistant Vice President for Community Engagement and Intc	Kerry Rastigue		JD	Wayne State University	University of Michigan
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\*One year temporary appointment

## STEM EDUCATION AT SVSU

AUGUST 18, 2014

### DEFINING STEM

- Defined most broadly as

- SET programs
  - Biology
  - Chemistry
  - Computer Sciences
  - Engineering
  - Mathematics
  - Physics
- HHS programs
  - Health Science (including neuroscience)
  - Occupational Therapy
  - Exercise Science
  - Nursing
  - Medical Lab Science



- COE Programs

- Secondary Teacher Education
  - Biology
  - Chemistry
  - Mathematics
  - Physics
  - Integrated Science

**Roughly 35% of undergrads are majoring in STEM fields**


**Enrollments in most areas have increased significantly in last five years.**

## MAJOR STEM PROJECTS



**SAGINAW BAY ENVIRONMENTAL SCIENCE INSTITUTE AT SVSU**

- Established in January 2013 to
  - facilitate the expansion of SVSU's capabilities for advanced scientific work on the watershed expanding the participation of faculty, students, and disciplines
  - develop educational, scientific, governmental, and community partnerships in the watershed through mutually beneficial collaborations
  - develop and expand watershed focused STEM educational experiences and programs
- serve our community as a scientific resource facilitating land and water management practices leading to an improved watershed ecosystem
- provide opportunities for student and faculty service learning through community engagement



## THE DOW SCIENCE AND SUSTAINABILITY EDUCATION CENTER

- Engages high school students and teachers in summer research with SVSU students and faculty
- Provides outreach through a mobile lab geared up to provide research and hands-on experimental opportunities in regional schools and communities
- \$2,000,000 funding for this project over five years



## DOW CORNING FOUNDATION-SVSU COMMUNITY STEM PARTNERSHIP

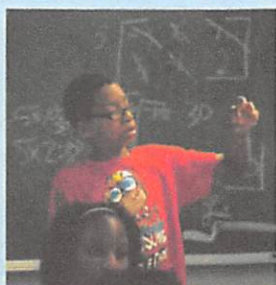
- Primary goal is to impact Great Lakes Bay Region middle and high school students' perceptions, attitudes and knowledge of STEM through the establishment of a network of STEM experiential teachers, known as Dow Corning Foundation Fellows.
  - Work with teachers to help move STEM education out of the textbook and into hands-on discovery and exploration within the curriculum
- \$250,000 funding for the first two years of this project



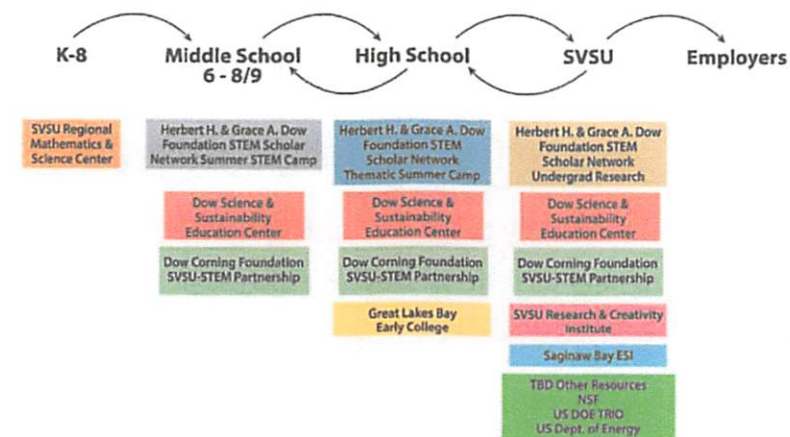
## HERBERT H. AND GRACE A. DOW STEM SCHOLARS NETWORK

### Three Components

- Summer STEM Opportunity Camps (academically challenged middle school students)
- High School Thematic STEM Camps (high school students)
- Undergraduate Research Opportunities
- \$5,000,000 grant/endowment



### SVSU STEM Education Talent Pipeline Students Served



#### Other K-16

- Great Lakes Bay Regional Alliance STEM Initiative
- K-12 School District & Community College Partnerships
- Community Organizations (ex. United Way, Michigan Works!, Boys & Girls Clubs, Scouting, Professional Organizations)

NOTE: Each level pushes to next. Each level pulls from previous. Higher level mentors lower levels. Employers mentor all levels of student participation.

## VISION

- The STEM Collaborative at SVSU
  - Coordinated network of opportunities that links K-12, university, and regional employers
    - Professional development for STEM teachers
    - Experiential learning for students at all grade levels
- Create an enhanced workforce of professionals with STEM education
  - Both strong theoretical background and ability to apply knowledge to solve problems
  - Ability to work collaboratively and communicate effectively
- Expand talent pool to enhance regional development
- Enhance knowledge and appreciation for the role of STEM

