

STCC Board of Trustees
COMMITTEE ON INTERNAL AND EXTERNAL RELATIONS
Monday, January 6, 2020 at 5:00 p.m.

Present: Trustee Steven Grande, Trustee William Johnson, Trustee Betty Sposito, Student Trustee Yanira Aviles, and Dr. John Cook

Presenters: Dr. Geraldine de Berly, VP of Academic Affairs; Denise Hurst, VP of Advancement and External Affairs.

- I. Call to Order – In the absence of Committee Chair, Frank Quigley, Trustee Steve Grande called the meeting of the Committee on Internal and External Relations to order at 5:00 p.m.
- II. Roll Call – Four out of Six Committee members present, constituting a quorum.
- III. President’s Perspective

A. Key Updates/Academic Affairs

Dr. Geraldine de Berly, Vice President of Academic Affairs

Dr. de Berly provided key updates and shared details on significant initiatives:

Workforce Development:

Status of Assistant Vice President search: anticipate a hire soon

New trainings/courses proposed for 2020 include Veterinary Assistant, Dental Anesthesiology, Sprinkler Fitting, Manicuring, Legal Interpretation, Security+, Hazardous Material Abatement Technician Training Certification, and House Flipping 101. Beginning in the Spring, an Asphalt Pre-Apprentice class, which upon successful completion will allow graduates to enroll in the 2000-hour paid on job training Apprenticeship Program. Also, the Working Water training offered in collaboration with Massachusetts Water Works Association, with sponsorship from Springfield Water and Sewer Commission, continues, with a second course starting in February and further development (water distribution) to follow.

Plumbing 1 & 2 start in the fall – each is a year-long program, and a question posed as to how this links to other opportunities like those offered at Pathfinder Voc/Tech.

Grants: Total grant funding in FY20 = \$5,533,666.

Federal Title V grant application is due on February 10. This is a 5-year grant, with the potential of \$3+ million. A consultant was hired to assist, and funds would expand and enhance equity/retention/STEM efforts.

Sterile Health Processing Grant awarded by Mass Comm Corp for \$249,975 over two years. Will lead to the training and placement of up to 44 underemployed or unemployed individuals to become Sterile Processing Technicians. School of Health working with a number of area community and healthcare partners and organizations.

Mass Workforce Capital Skills Grant provided \$250k for Robotics and \$250k for School of Health/Simulation. An additional request of \$250k in a second grant round was requested for Mechanical Engineering Technology (MET) to reconfigure lab and acquire Coordinate Measuring

Machines (CMM) to expand capacity.

Academic Programming

With significant discussions about Building 20, planning underway for Cosmetology program relocation (to remain on campus), and the relocation of Electrical Engineering Tech/Robotics.

Program Reviews:

2019 Phase I – 8 programs completed: Automotive, Landscape, ESET, CSET, Business, ECE, Fine Arts, General Studies.

2020 Phase II – Program review during the Spring semester – Changes in Curriculum resulting from programs reviews: Digital Media Production, Graphic Communication & Photography, Civil Engineering Technologies, Electrical Engineering Technology (including Robotics), Computer information Technology, Early Childhood, Office Information Technology, Cosmetology.

Other topics discussed:

Early Childhood: STCC received \$667k in funding from the Department of Early Education through the Career Pathways Grant. This funding will allow an increased number of credentialed providers in the area, which will allow providers to apply for a Child Development Associate (CDA).

Faculty Retirement: Five retirements in the fall of 2019. Four retirements in May of 2020. Six faculty positions posted, with anticipated start in the Fall of 2020.

Professional Development: Tracey Trottier is developing a faculty guidelines document. A representative from the Fulbright Foundation was on campus to discuss opportunities for faculty. ESCALA – Provider of Professional Development for HSI Faculty will be on campus for two days in May providing training for up to 30 participants. Since 2017, 29 Faculty have been trained, 14 of whom were from STEM.

B. Key Updates/ Advancement and External Affairs

Denise Hurst, VP of Advancement & External Affairs

Vice President Hurst provided key updates and shared details on significant initiatives:

Building 20/Legislative & Executive Branch engagement

Included November legislative breakfast and tour of Building 20; Included December hosting of Lt. Gov. Karen Polito, which included five Trustees in attendance

College for Kids: details TBD, but will again be offered in the summer of 2020

Additional investment of \$150k for Marketing (which brings the total for FY 20 to over \$500,000)

Used on expanding advertisement for the “This is STCC” ad campaign; digital and social ad campaign targeting Springfield and local area High School Students; Billboards highlighting the “I Hire STCC” campaign; and on a custom website, scheduled to launch mid-February 2020, designed to map out career opportunities tied to job in areas such as Health Science and Advanced Manufacturing.

The Marketing department also shared a communication piece announcing the Spring 2020 events. Denise also discussed the ongoing effort to renovate WTCC location, and address code issues. Funds for this project come from those the college manages from WTCC fundraising, but also a significant contribution from the college itself. STCC/WTCC celebrating 50th anniversary as a radio station.

Campaign for Student Success: launched in October 2019, this is the first major gifts campaign at the college in approximately 10 years. Includes a goal of \$3 million, and to date, approximately \$1.8 has been raised. Upcoming events, and planning discussed, and Denise shared a list of newly elected STCC Foundation Board Directors, and informed the committee on the interest of adding members to the Foundation Board.

C. President’s Perspective:

Note on Enrollment: Number of registered credits are up 1.5% for Fall Semester; Spring is level with last year.

But, enrollment remains a complex consideration > [Students/Credits]

	This Spring/Last Spring	
Computer/IT Security	122/102	(+20%)
Health Science	115/33	(+200%)
Nursing	166/191	(-13%)
Undeclared/Non-matriculated	466	1,767 credits (avg/3.8)
General Studies	470	4,588 credits (avg/9.8)

Accreditation/NECHE: March 2021 – visiting team. STCC’s 100-page self-study will have been submitted in advance. In the spring semester/2020, Committees are moving from exploration to writing. As an example, Dr. Cook brought up a question from standard 1, “What is our mission and purpose, and how does it relate to planning and priorities.” He pointed out a list of key terms/topics related to this question: Middle names, Technology/digital innovation, Labor Blueprint/Region, Equity, and Facilities. Dr. Cook also pointed out the relationship to future college strategic plan (existing set to expire at the end of 2020) and on how the self-study will help shape and guide the next college strategic plan.

Personnel updates: Dr. Cook introduced Janice Mazzallo, who will remain in the role of HR Consultant through June 2020 (began the role 8/2019); status review of the Vice President of Student Affairs search/position – Trustee Vickie Crouse serving on the Search Committee; Tenure/Promotion: 8 faculty and 1 professional staff eligible; Raises: MCCC – Collecting bargaining at state level, and funding imminent with retroactive to 2018; Non-Unit Professionals – not budgeted for FY 2020, but given budget/enrollment, NUP merit raises (up to 2%) are moving forward.

Early College: 35+ students from Commerce starting in the spring.

Alumni Trustee Process: discussed, including the role Advancement/External Affairs is providing in the request for nominations and facilitation of voting.

- IV. Old Business - None
- V. New Business - None
- VI. Next Meeting Date and Time: Monday, March 9, 2020
- VII. Adjournment: Trustee Betty Sposito moved to adjourn the meeting at 5:55 p.m., seconded by Trustee Bill Johnson, approved unanimously.

Respectfully submitted by Nanette Flores

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People News

Six new faculty, four in Nursing, one in Early Childhood and another in Social Work are joining STCC this fall. Two faculty searches will be posted in the upcoming academic year for applied psychology and for Mechanical Engineering Technologies.

Aimee Dalenta, Early Childhood Education Assistant Professor and Program Coordinator, Dalenta holds a BA in elementary education from Springfield College. Her MA in elementary education is from Western New England University and she expects to complete her Ed.D. in teaching and learning from American International College in August of 2019.

Since December of 2017 she has been an assistant professor of early childhood education at Goodwin College and has taught seven courses within the early childhood curriculum. From 2015-17, she was a reading instructor at Springfield College and taught eight courses including a graduate offering: teaching and assessing literacy across the content areas from K-12. She has been the Student Teaching and Fieldwork Placement Coordinator for Goodwin College since 2017 and served in that capacity at Springfield College for two years (2015-17). Additionally, she served as adjunct faculty at Springfield College from December of 2013-August of 2015 as well as at Bay Path University. For two years she owned a preschool in East Longmeadow and for five years she worked as a fifth grade classroom teacher in Center Elementary School.

Nicole Esposito, Assistant Dean of Liberal and Professional Studies holds an Ed.D. in Educational Psychology, a Certificate of Advanced Study in Adjustment Counseling and an MS in Forensic Psychology all from American International College. Her BS in Psychology is from Springfield College. She is also a licensed mental health counselor in Massachusetts. Dr. Esposito has been at Manchester Community College (MCC) since 2012 initially as an adjunct professor in psychology and social services (2012-14). She became a full

time instructor at MCC and was subsequently promoted to associate professor and program coordinator/program head of the Disability Specialist and SLPA Programs in September of 2014. In that role, she was responsible for hiring, supervising and evaluating adjunct faculty. Additionally, she prepared program documentation related to assessment, student outcomes and accreditation. Of note is her work on the Framework and Implementation Review Committee which consisted of representatives from each of the CT community colleges working on building transfer degrees (2014-19).

Tamara Fricke, Grants Development Specialist, Grants Office, joined STCC on February 11, 2019. She has strong technical skills having been the Director of Technology Management at Mass Mutual from 2001-07. She was also Vice-President for Communications and Technology for the Massachusetts Chamber of Commerce. For nearly five years, she was Director of Grant Services for National Training Associates in Agawam, MA. During that period, she was responsible for identifying relevant RFPs, drafting grant proposals and overseeing compliance of said grants which were Massachusetts workforce based. Ms. Fricke has an AA from STCC, and a BA in English from Mount Holyoke College. Additionally, she holds a Six Sigma Green Belt Certification in process and quality management from American International College.

Lisa Fugiel was appointed Assistant Dean of School of Health and Patient Simulation in addition to continuing as Director of Nursing which she has been since 2015. She received her Baccalaureate Degree in Nursing from Salem State College and her Master's degree in Nursing from the University of Phoenix. She is ANCC certified in medical-surgical nursing, and is a CPR instructor trainer for the American Heart Association. Lisa began at STCC as a Professor of Nursing in 2003. Her expertise is in Medical-Surgical Nursing, patient simulation, and nursing education. She held various positions at a local Medical Center including: nurse manager, staff development, supervisor, and staff nurse. She worked collaboratively

to develop innovative educational programs, including the integration of simulation for orientation and competency assessment, as well as the development and instruction of Meditech's automated documentation system for nursing. Lisa has been presenting nationally and internationally on simulation since 2004 and co-authored a publication on Simulation and using a template to develop simulation scenarios, and was also involved with the National League for Nursing High Stakes Assessment project. Lisa has been in nursing education and leadership positions in academia and the acute care hospital setting for over 25 years and actively works with other colleges and universities in support of our Nurse graduates.

Richard Greco was appointed Dean of Liberal and Professional Studies having served as Interim Dean. Dean Greco holds an AA from STCC in general studies with a biology concentration. He has two bachelor of science degrees from American International College: human biology and biochemistry. His MS in cellular biology and human physiology is from the University of Saint Joseph. Originally enrolled in a doctoral program in education at the University of Massachusetts Amherst, he has changed focus and is now enrolled in the Ed.D. in Educational Leadership and Organization at Bay Path University. In his first year, he has championed revitalization of the social work and early childhood programs (securing a grant for the latter). With faculty support an urban studies program under general studies accompanied by an articulation agreement with Worcester State University was established. He worked closely with the Business Administration Department on the program review process that resulted in a complete rethinking of the departmental offerings. The outcome (ratified by the Curriculum Committee) is a reduction of second year courses with low enrollment and a more robust business transfer or general business option thereby meeting state pathway requirements.

Theresa Hawley-Inacio, Assistant Professor, Nursing holds an AA in liberal arts as well as an AS in nursing from Holyoke Community College. Her BA in Biology is from Mt. Holyoke College and her MSN in nursing (education track) is from Elms College. An experienced nurse, she worked at Baystate Medical Center for eight years as a staff nurse in chronic and palliative care units. She also held positions with Genesis Health Care at Heritage Hall in Agawam and worked as a floating staff nurse at Western Massachusetts Hospital where she currently works as a staff nurse. For three years she worked at SunBridge of East Longmeadow as a per diem staff nurse working with patients on sub-acute, long-term and dementia care units. Ms. Hawley-Inacio has also been working as a clinical instructor for STCC since 2017 based at Western Mass Hospital.

Kyle Stephanie Kraus, Instructional Designer came to STCC in September 2018. She holds an M.Ed. from UMass Amherst in educational technology and a BA in planned studies in student development from Ithaca College. Prior to STCC, Kyle worked at UMass Amherst in positions in Residence Life, Student Affairs and Continuing & Professional Education - Online Education for 19 years. Ms. Kraus has worked as a consultant for Amplify Education, Inc. and presents frequently at professional meetings. She has created numerous training wikis and blogs for students

as well as worked extensively with faculty on best practices in online and blended formats. Her educational interests focus on non-traditional learning environments and application of human communication principles in the classroom and online.

Karen LaFrance, Assistant Professor, Nursing holds and AS in nursing from Springfield Technical Community College. Her BSN is from the University of Massachusetts and her MSN in nursing (education focus) is from the University of Hartford. An experienced nurse, she worked at Baystate Medical Center for nineteen years as a staff nurse in cardio vascular telemetry. Ms. LaFrance has also been working as an adjunct clinical instructor/lab instructor based at Baystate Medical Center for STCC since 2016.

Elliot Levy has been appointed Acting Assistant Vice President of Workforce Development. Mr. Levy has been serving as the Senior Director at the Workforce Development Center (WDC) since 2018. From 2016-18, he was the WDC internship coordinator. Mr. Levy came to STCC from Branford Hall Career Institute where he was the executive director of career services for seven years. From 2004-08, he was general manager at Gekay Sales and Service in Ludlow and for nine years he was the president and owner of Stewart Foods in West Springfield. Levy holds a BA in economics from UMass Amherst, an MBA from Babson College and additional certifications : Certificate in Human Resource Studies from Cornell University, ServSafe Certification from the National Restaurant Association and is a SHRM certified professional (Society for Human Resource Management).

Sarah MacIntyre, Assistant Professor of Social Work & Field Services Practicum Coordinator - holds a Master's in Social Work from Springfield College and a Bachelor's in Social Work from Elms College. For the past year, she has served as STCC adjunct faculty and field coordinator for Social Work. Ms. MacIntyre's work experience includes serving as a social worker at Baystate Noble Hospital (2014-16) and Westfield Infant Toddlers (2016-18). Additionally, since July 2018, she has been an outpatient therapist for River Valley Counseling Center in Chicopee.

Marissa Morassi, Assistant Professor, Nursing holds a BSN from Worcester State University and an MSN with an education focus from Sacred Heart University in Fairfield, CT. She has been a staff nurse in the Emergency Department at Connecticut Children's Medical Center since 2017. She is also working at Baystate Medical Center as a staff nurse in the neuroscience unit where she assumed the role of an adjunct clinical instructor for STCC in the spring 2019 term.

Eugene Noble, Senior Research Analyst, Institutional Research, joined STCC May 13, 2019, formerly an analyst for LIMRA, Secure Retirement Institute in CT. While completing his master's, he worked as an intern research assistant/data analyst at the Public Policy Center of Economic Excellence and Cultural Competence at the New York State Psychiatric Institute. From October 2015 to September 2016, he was a research assistant at the Montefiore Department of Children's Pediatrics in New York City. He also worked as a research assistant at Shawnee State University from December 2013- January 2015. Mr. Noble holds a BA in psychology from Shawnee State University in Portsmouth, Ohio. His MA in psychology with a concentration in applied statistics and research methods is from Teachers College, Columbia University.

Elizabeth Slepchuk, Assistant Professor, Nursing holds a BSN from Curry College in Milton, MA and just completed her master's of science in nursing education at American International College. She has been a registered nurse at Harrington Memorial Hospital in Southbridge, MA since 2016 working in several units: ICU, PACU, Pediatric, Cancer and Medical Surgical Telemetry. She also has experience teaching having been a nursing clinical adjunct faculty member at Quinsigamond Community College as well as at Becker College at three sites: St. Mary's Health Care Center and Fairlawn Rehabilitation Hospital both located in Worcester, as well as at the Harrington Hospital in Southbridge.

Barbara Washburn was named Interim Dean of Science, Technology, Engineering and Math. Professor Washburn a tenured Professor of Physics who has been teaching at STCC since 1997. She has been Chair of the Physics department for a number of years and previously Co-Chaired the Electronics Systems Group. She holds two Masters; an M.Ed. in educational leadership from the University of Connecticut, and an M.S. in electrical engineering from Tufts University with an emphasis on laser electro-optics engineering. Her Bachelor's is in electrical engineering from Western New England University. Professor Washburn also taught at Massachusetts Bay Community College where held a leadership role; she also spent a year at Naugatuck Valley Community College and assumed the role of division director (Dean) of Engineering Technology. Her industry experience includes working as an electrical engineer at Raytheon Corporation as well as a communications engineer at Dynamics Research Corporation. She has been a co-principal investigator on multiple grants particularly focused on teaching and learning in photonics and light communications technology.

Pamela Westmoreland, Director of Early College Initiatives. This is a new position responsible for working closely with the area high schools to prepare the students for the STCC experience. Since 2012, Ms. Westmoreland has been the Perkins Coordinator at STCC. In that role, she has worked with area high schools, Job Corps and STCC faculty to develop articulation agreements focusing on Career-Technical Education programs. For one term she taught an early childhood class at Springfield College as an adjunct. Ms. Westmoreland holds a J.D. from Howard University, an M.Ed. and a B.A., both in early childhood from the University of Massachusetts Amherst. Previous positions include Labor Law Editor for the Bureau of National Affairs, attorney with the firm Carnot, Zapor & Klassen in Maryland and a field attorney for the National Labor Relations Board.

Mary Wiseman, Instructional Designer joined STCC in September 2018. She holds an MS in higher education, online teaching and program administration from Bay Path University, a graduate certificate in instructional design from the University of Wisconsin (Stout), and two degrees from the New School for Social Research: an MA in media studies and a BA in social sciences. Prior to STCC, Mary worked at Bay Path University [BPU], Longmeadow, MA as an instructional designer. Mary worked with program directors and their faculty to bring graduate courses into the online environment. Prior to BPU, Mary worked with the Collaborative for Educational Services in Northampton, MA creating online courses. Mary has been teaching and learning online for 25 years and is specifically interested in how mobile devices impact teaching and learning.

Faculty retirements effective August 2019

We recognize the many contributions and the dedication of the faculty who have retired and have left STCC enriched for their time spent in educating our students and strengthening our programs.

Linda Belton, Office Information Technology

LuAnn Carbaugh, Digital Media

Ken Forfia, Visual and Performing Arts

Andrew Maynard, Computer Information Technology

Gary Masciadrelli, Mechanical Engineering Technology

Dawn Tamarkin, Biology

Jean Zenor, World Languages

In addition, **Professor Kathleen McLaughlin, Nursing** has announced her retirement effective October 31.

Administrative Updates

STCC's Growing OER Initiative

Thanks to grant funding and increased awareness, the use of open educational resources (OER) at STCC has expanded greatly over the last year. In 2018, the library received funds from the National Network of Libraries of Medicine - New England Region (NNLM-NER) as well as Title III/HSI-STEM, which were used to pay stipends to STCC faculty who redesigned their courses using free/open materials. Stipends were awarded to 14 different faculty for 18 courses, resulting in a combined student textbook savings of over \$90,000. These projects bring the total number of free-textbook courses at STCC to 43, for a total annual savings of approximately \$317,742.

The NNLM-NER grant has been renewed for the current academic year and the funds will be used for a faculty fellowship program. Twelve STCC faculty will be selected to participate in this year-long professional development opportunity where they will learn about finding and using OER. They will also receive guidance as they redesign a course to use free/open materials. The program will result in twelve new OER courses and the faculty fellows will also become excellent resources for other faculty who are interested in OER.

OER helps our students by reducing the cost of their education. The money students save can be used for other expenses like transportation, childcare, or taking more courses. Research shows that reducing or eliminating textbook costs has a positive impact on student retention and reduces drops, fails, and withdrawals. The effects are even greater for students who receive Pell grants and students from underserved populations.

For more information about the effects of reduced textbook costs and the STCC OER initiative, visit the OER website: <https://libguides.stcc.edu/oer>. The site includes readings, videos, a collection of resources by subject, and a list of current OER courses at STCC. If you are teaching a course that does not require students to purchase a textbook, or a course with a total materials cost of \$50 or less, please contact **Chelsea Contrada** (cacontrada@stcc.edu) so that your course can be added to the list. You can also contact Chelsea to learn more about open educational resources and how they impact our students.

Status of Program Review and Updates

Last year (AY18/19) STCC implemented program review to take a reflective look at the health of academic programs. Eighteen programs were reviewed in total, with the following in **Arts, Humanities, Social Science** (Art-FINE.AA, Early Childhood Education CHLD.AS and Transfer ECTR.AS, General Studies-LTGS.AA) , **Business & Information Technology** (Accounting-ACCT.AS, Business and Administration-BUSN.AS, Business Transfer-BTCM.AS, Entrepreneurship-ENTM.AS, Management-MANG.AS, Marketing- MRKT.AS), **Engineering Technology & Math** (Automotive Technology AUTM.AS & AUTO.COC, Computer Systems Engineering Technology-CSET.AS, CSET.COC, Electronic Systems Engineering Technology-ESET.AS, ESET.COC, Landscape Design & Management Technology-LAND.AS, LAND.COC).

As of result of program review, the Business Department merged their six degree programs into two (BUSN.AS and BTCM.AS). Accounting, Entrepreneurship, Management and Marketing will now be tracks folded into the two Business degrees rather than separate degree offerings. It is expected that this will support students in degree completion and transfer as well as lead to robust enrollments in the 200 level courses in the four tracks.

This year STCC will continue the review of our academic programs. A total of 31 programs will be reviewed. They include the departments in **Liberal and Professional Studies** (Medical Office Administrative Assistant - MOAA.AS, Medical Office Administrative Assistant - MOAA.COC, Professional Office Administrative Assistant - POAA.AS, Clerical Office Assistant -CLER.CRT, Teacher Education Transfer - Elementary - EDEL.AA, and Teacher Education Transfer - Secondary - EDSE.AA), **Health and Patient Simulation** (Health Information Technology - HIIM.AS, Medical Coding & Billing Specialist - MCBS.AS, and Medical Coding & Billing Specialist - MEDC.COC), and **Science, Technology, Engineering and Math** (Civil Construction Management - CNST.AS, Civil Construction Management - CNST.COC, Civil Engineering Technology - CIVL.AS, Civil Engineering Technology - CIVL.COC, Electrical Engineering Tech. - ELEC.AS, Electrical Engineering Tech. - EROB.COC, Digital Photography - DPHO.AS, Digital Photography - DPHO.COC, Digital Publishing - DPUB.COC, Graphic Design - CART.AS, Web and Advertising Design - WEBA.AS, Comm & Digital Media Transfer - CDMT.AS, Digital Audio Broadcasting - DAUD.AS, Inter Media & Animation Design - MLTD.AS, Multimedia Technology - ACMM.COC, TV Production Technology - ACTP.COC, TV Production Technology - TPRD.AS, Computer and IT Security - CITS.AS, Computer and IT Security - CITS.COC, Microcomputer Specialist - MCRC.COC, Programmer - PROG.AS, and Programmer - PROG.COC). Faculty will present the findings from their program review to a campus audience during the college hour on April 13 and April 17, 2020.

New Programs

Internet of Things Certificate of Completion in Computer Systems Engineering Technology department. The Internet of Things (IoT) is a blend of electronic sensors or actuators, networks of small energy efficient computers, and the data centers used to collect the data from the IoT nodes or control the devices. IoT requires skills from engineering, electronics, security, and information

technology. While these disciplines are typically separate and distinct, this certificate bridges the knowledge and skills necessary to create and administer secure Internet of Things systems.

Child Development Associate Plus Certificate of Completion in Early Childhood Education department. The Child Development Associate Plus Certificate of Completion will prepare graduates to sit for credentialing as Child Development Associates (CDAs) through the **Council for Professional Recognition**. Credentialing offers early educators working with children ages birth to 5 years old the opportunity to demonstrate their knowledge, skills and abilities in the early childhood education field. The CDA credentialing program assesses candidates using multiple sources evidence, including an exam, observation and professional portfolio with resources and competency statements prepared by the Candidate.

Building Automation option to the AS in Energy Systems Technology. Building automation refers to the automatic centralized control of a building's heating, ventilation and air conditioning (HVAC), lighting and other systems through a building management system or building automation system. The objectives of building automation are improved occupant comfort, efficient operation of building systems, reduction in energy consumption and operating costs, and improved life cycle of utilities.

Accreditation

Associate Business Professor Christina Atwater and Dean of Institutional Research Suzanne Smith are the NECHE (New England Commission of Higher Education) self-study co-chairs. Invitations were sent to faculty and staff to act as co-chairs for the nine standard committees who will attend a NECHE self-study workshop in October. NECHE Senior Vice President Patricia O'Brien will present at the August 29 Professional Day on the STCC campus. She will provide an overview of the process as well as facilitate workshops with standard chairs. The Professional Day Program has been distributed to campus.

Workforce Development Center

The Asphalt Academy is possible through the providing of a mobile laboratory from the Massachusetts Aggregate and Pavement Association (MAAPA). Taking the lead on securing equipment for STTC was **Janet Callahan** of Palmer Paving who worked with MAAPA to steer this project. The lab was delivered in July, fitted out in August and offerings will begin in the fall.

STCC received \$30k from the Springfield Water and Sewer Commission to fund the development and offering of an online course. WDC then worked with the Massachusetts Water Works Association (MWWA) to convert its Concepts and Practices of Drinking Water Treatment course from a classroom based format to online. The course will be free to matriculated Massachusetts community college students from the participating workforce development units. The course will prepare students for the State Board of Certification exam thereby providing career opportunities for students seeking to enter the water utility industry. The first offering is anticipated to be on September 9.

Blackboard

As announced in the Dec. 2018 Academic Newsletter, Blackboard/Ellucian integration for online and hybrid courses is being implemented for the fall 2019 term. Scott Lambert reports that faculty should see improved systems impacting student course drops and withdrawals which will automatically impact the roster. In the past, faculty using BB had to manually drop students from their rosters. Now this will be automatic through the integration. Midterm and final grades can also be automatically delivered to the Registrar thereby eliminating the past double entry process and minimizing errors. For questions or support, please contact **Scott Lambert**- salambert@stcc.edu.

Campus printing

Users of campus copy machines are asked to send any printing jobs over 250 copies to the Copy Center. Work study students will deliver printing jobs to campus departments. Another option for faculty seeking alternatives to printed paper is loading materials onto Blackboard. Any faculty can request a Blackboard shell. Shells are available to faculty irrespective of course delivery format: hybrid or face-to-face formats. Please contact **Scott Lambert**- salambert@stcc.edu

Finally, another printing reduction strategy is to encourage the use of open educational resources (OER). Librarian **Chelsea Contrada** is ready to assist faculty in locating resources as well as in developing materials for which there are grants (see above).

Grants

Bay Path Paragus (\$94,500) - **Brian Candido** serves as coordinator, working with Bay Path staff to provide internships for STCC students in IT with various companies. Students are paid for their time by submitting time sheets to STCC payroll department. Ends 6/30/20.

Guardian Money Management (\$268,433) – **Richard Greco** is the PI and **Rhoda Belemjian** serves as coordinator for the Guardian grant, which pays for students to take a personal finance course. Funds are also allocated for a financial literacy coach, textbooks, and debt forgiveness for students with a balance due on their accounts. Ends 6/30/20 (Annual renewal).

NSF Discovery Research (\$1,108,984) - **Beth McGinnis-Cavanaugh** and Sonia Ellis are working to design curriculum for educator professional development, and implement in partnership with Springfield Public Schools. Isabel Huff will be returning in the role of support as Outreach Coordinator to SPS. Website Developer Tunnel 7 will serve as consultant (\$120,000 over 4 years). Small amount of funds for travel/supplies each year. Ends 8/31/2022.

NSF ATE (\$599,388) - **Gary Mullett** and **Ed Bigos** serve as Co-PI's on NSF grant designed to improve STEM undergraduate education focusing on computers, electronics, and networking technology. Funds allocated each year for consultants, participant support, travel to conferences, supplies, and UMass sub-award for Dr. Aura Ganz. Ends 9/30/2021.

NSF APMPBL (\$551,202) - **Nick Massa** and **Gary Mullett** serve as Co-PI's on NSF grant creating workshops/curriculum. Additional part time staff responsible for conduct outreach to schools, give tours of lab, and handle daily project tasks. Funds allocated each year for travel to conferences, consultants, supplies, and sub-award to the New England Board of Higher Education. Ends 8/31/2021.

STEM Starter Academy (\$265,000) - **Reena Randhir** serves as the coordinator for the STEM Starter Academy, which runs during the summer. The grant covers the cost of the classes, and also pays stipends to the students upon completion of the program. Funds are allocated each year for supplies for on campus events, bus transportation to events, and program evaluation. Ends 9/21/2019 (Annual renewal)

NSF STEM Scholars (\$634,889) - **Brian Candido** and **Sharon Sheng** are Co-PI's on the NSF STEM Scholars grant, which provides tuition scholarships to students in STEM field. Additional funds are available for supplies and travel to local STEM companies. Ends 2/29/20.

HSI Update/STEM Center

Since October 2016, STCC has been engaged in numerous activities through its federal HSI STEM grant, whose goal is to increase the number of Hispanic and low-income students who enter, progress, complete, and transfer in STEM disciplines. This has led to a number of projects around campus that have focused on youth exposure to educational and employment opportunities, as well as faculty professional development and course redesign for student academic success. Continuing in the pursuit of increased access and academic success for students, STCC will open the doors of the new STEM Center in fall 2019.

Similar to other college campuses across the country, STCC is investing in the success of its students in STEM courses through the launch of a dedicated space on campus where members of the campus community can gather together and learn more about what STEM has to offer. Located in the former Testing and Assessment Center in building 17, room 425, the STEM Center will serve students, faculty, and staff through its activities and resources. Students will be able to use computers stocked with software packages that support STEM classes in the computer lab. There will be a student lounge where students can work together in groups or with a tutor to review course material. Faculty members can also meet their students in the student lounge for one-on-one or group meetings. The multipurpose room, which will be outfitted with a wall-mounted, touchscreen panel, can be used for faculty lectures, talks by invited speakers, documentary screenings and discussions, or even student club or faculty meetings. For students, faculty, and staff, in-house professional development opportunities will be offered through the STEM Center.

A sampling of planned activities to be housed within the STEM Center for the upcoming fall 2019 semester includes:

September 2019: Open House for the STEM Center

October 2019: film screening and discussion of *Underwater Dreams* (collaboration with the *Hispanic Association in Higher Education*)

The sons of undocumented Mexican immigrants learn how to build underwater robots from Home Depot parts, and defeat engineering powerhouse MIT in the process. However, winning the competition was only the beginning. These boys forged a legacy that could not have been imagined.

October 2019: *Identifying and Reframing Microaggressions within STEM*

The language we use, whether intentional or unintentional, can have significant impact on others. In this workshop, we will explore the nature of microaggressions, examples of how microaggressions can be used, and how you can reframe them. (To repeat during the academic year.)

November 2019: film screening and discussion of *The Boy Who Harnessed the Wind* (collaboration with the *Office of Multicultural Affairs*)

13-year-old William Kamkwamba comes from a family of Malawian farmers. Seeking to save his village from drought, inspired by a science book he read, William devises a plan to build a wind turbine to power an electric water pump that he scavenged earlier.

November 2019: *How to Get Peak Performance with Your Studying*
While often practiced, cramming course content within a condensed amount of time is not an effective way for students to study. In this student-centered workshop, we will talk about some myths associated with studying, how forgetting newly learned material works, and what can be done to improve your retention of course content.

In the works are future plans for guided hands-on activities for students, staff, faculty, and local middle and high school youth. When fully staffed, the STEM Center will be operational Monday through Thursday from 8:00am to 8:00pm, Friday 8:00am to 4:00pm, and Saturday 9:00am to 1:00pm. Join us in the STEM Center for fun and learning.

Title III- Supplemental Instruction at STCC

Supplemental Instruction was introduced at STCC in the fall of 2016 as part of the Title III grant. Within the first two years, the program has grown to support over 1,000 students, with an increase of usage from the first semester to the fifth semester of over 350%. Of these students, 42% identified as white while the remaining 58% identified as students of color. During the same time period, the data has shown that participation in the program has had a positive impact on students' success and completion. Grade outcomes for students who were enrolled in sections supported by SI showed that students who utilized the program are more likely to receive a grade of C- or better (85.6%) as compared to students who did not utilize the program (74.7%). In addition, analysis showed that students who participated in SI review sessions were far less likely to withdraw (3%) as compared to students who did not (9.9%). While the number of courses offering SI fluctuates semester to semester, at its peak, the program supported students from 26 separate courses consisting of 55 lecture sections and 17 lab sections. These quantitative outcomes combined with qualitative study have made it clear that students are not only eager to take advantage of the review sessions that SI Leaders offer, but are finding the additional support to be instrumental in their college success.

Part of the success of the SI program is attributed to a comprehensive semester-long training component, stemming from the philosophy that successful training cannot be a singular event. As a critical component to ensuring the SI leaders' success, the program is designed to foster a strong sense of community amongst the SI leaders and the students they serve. Prior to the start of the semester, SI leaders are required to attend a two-day workshop covering topics such as group facilitation skills, cultural competency and language. SI faculty are invited to attend the second day of training, having the opportunity to spend the first half of their day working their colleagues and the second half working with their assigned SI leaders to prepare for the semester to come. This kick-off training event is followed up with weekly training sessions for the SI leaders, with faculty being invited to attend throughout the semester.

The involvement of SI faculty is another critical component that has contributed to the success of the SI program. Faculty plays a substantial role, identifying the students who they hope to work with by providing names of candidates to program staff for interviews. Upon their hire, faculty agree to meet with their SI leaders on a weekly basis, acting as mentors and providing feedback regarding activities, materials, and strategies for review sessions. Additionally, SI leaders utilize their faculty when they have questions surrounding their work with students. There is a collaborative relationship between the faculty, SI leader, and program staff that has had a positive impact on program implementation and sustainability.

Faculty interested in learning more about the program are encouraged to reach out to **Jane Lerner**, Director of Title III at jelerner@stcc.edu or x4293.



Division of Advancement & External Affairs

- Community Engagement
- Marketing & Communications
- Multicultural Affairs
- STCC Foundation

Denise M. Hurst, Vice President

Legislative Advocacy Building 20

✓ City of Springfield & Western Mass Gov.'s Office tours Building 20

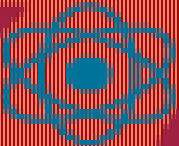
✓ Lt. Governor Polito tours Building 20

☐ Economic Development Bill Support, FY21-FY22

☐ Mass Infrastructure Grant Support, FY21-FY22

☐ Governor Baker tours Building 20-TBD

SUMMER 2020

College
for Kids  at
STCC

An additional investment of \$140,000

- Professional-quality video production to promote Early College and the "This Is STCC" ad campaign
- A digital and social ad campaign targeting Springfield + Four high school students
- Instagram and Facebook ads targeting prospective students
- Billboards highlighting the "I Hire STCC" campaign, went live on Interstate 391 in early January; I91 and I291 to follow in February
- A custom website, scheduled to launch mid-February 2020, that maps turnkey career trends, opportunities and salaries, and a regional job listings with the STCC programs that will prepare students for those jobs, i.e. Health Science and Advanced Manufacturing Careers.

I Hire STCC Grads.

“**STCC graduates
are ready to go to work
on Day One.**”

"If the resume has a STCC name attached to it, I'm absolutely going to make sure that person is looked at. I'm proud to have gone there. It's a great environment."

Ed Demetrian '80, '81
Vice President of Sales
Tiger Press, East Longmeadow



"STCC trains students using state-of-the-art equipment. They're using the same software programs that we're using."

Kristin Carlson
President
Peerless Precision, Inc., Westfield



"STCC students are fighters. We want people who are trying to make their lives better."

Pia Kumar
Co-owner, Chief Strategy Officer
Universal Plastics, Holyoke



stcc.edu

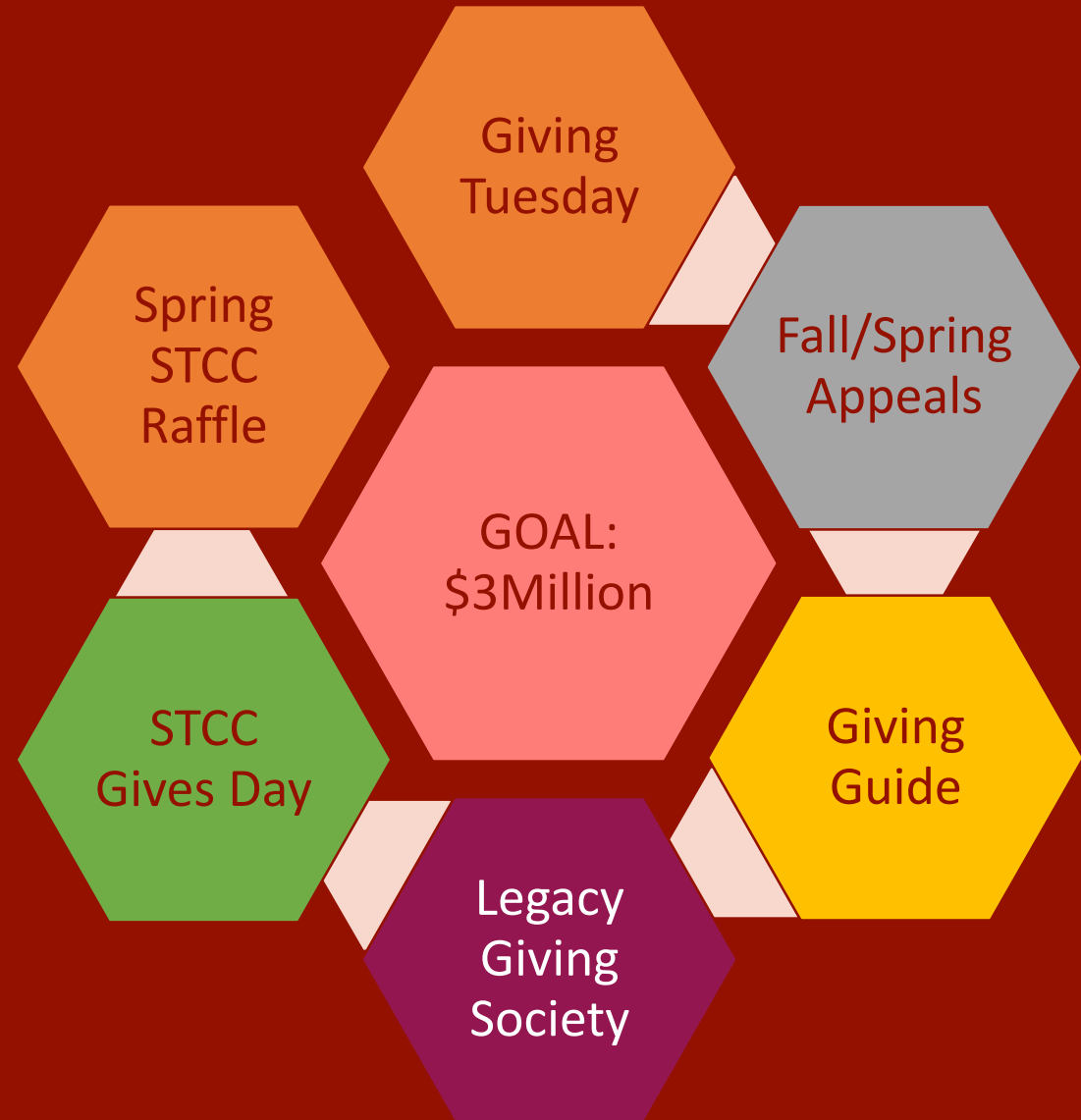
Need interns this fall?
Call STCC's Workforce
Development Center today!
(413) 755-4225

 **STCC**
Springfield Technical Community College

Campaign for Student Success

- *Since September 2019, approximately \$500k has been secured*
- *Total secured, approximately \$1.8Million*

Launch 10.22.19



2019-2020 STCC Foundation Board of Directors

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Newly Elected STCC Foundation Board Directors

- **Jacqueline Johnson** is the Chief Operations Officer for the Caring Health Center in Springfield and an Adjunct Professor at Bay Path University. She joined the health center in 2008. Jackie is a graduate of Mount Holyoke College and University of Massachusetts Amherst, and has held various leadership roles for over ten years. She has served as a Board Member to several non-profits in Western Massachusetts.
- **Hanan Khan '20** hails from Saudi Arabia, and is of Indian descent. She came to the United States in the spring of 2015, and began studying at STCC in 2017. Hanan is currently a Health Sciences student and feels STCC has given her a lifetime of experiences. She is a member of the Student Government Association and serves as Student Representative to the Foundation.
- **Elizabeth Ryan '17** is a graduate of STCC's Advanced Manufacturing program. She is a manufacturing engineer for Savage Arms, Inc. in Westfield, and is currently studying for her Bachelor's degree in Advanced Manufacturing at Northeastern University. Liz also serves as a member of Chicopee Comprehensive High School's Advisory Board.
- **Michelle Salamone** is the Director of Banquets, Catering & Conference Services at MGM Resorts International. She joined the MGM team in April 2018 and previously worked at Sheraton Hotels & Banquets and Westin Hotels & Resorts. She is a graduate of Bryant University and hails from Suffield, CT.