Board of Governors
of the
Pennsylvania State System of Higher Education

Meeting Minutes

174th Meeting
Thursday, April 5, 2012
Boardroom, First Floor
Administration Building
2986 North Second Street
Harrisburg, PA 17110-1201

9:00 a.m.

ATTENDING

Board of Governors:
Mr. Leonard B. Altieri
Ms. Jennifer G. Branstetter (designee for Governor Thomas W. Corbett)
Ms. Marie A. Conley
Ms. Sarah C. Darling
Representative Michael K. Hanna
Mr. Ronald G. Henry
Mr. Kenneth M. Jarin
Mr. Jonathan B. Mack
Mr. C. R. "Chuck" Pennoni
Mr. Guido M. Pichini *(Chair)*
Mr. Harold C. Shields
Mr. Robert S. Taylor
Secretary Ronald J. Tomalis
Mr. Aaron A. Walton
Senator John T. Yudichak

Representative Matthew E. Baker, Ms. Bonnie L. Keener, Mr. Joseph F. McGinn, Senator Jeffrey E. Piccola, and were absent.

Office of the Chancellor:
Dr. John C. Cavanaugh (Chancellor)
Ms. Karen S. Ball
Mr. Gary K. Dent
Mr. James S. Dillon
Dr. Peter H. Garland
Dr. Kathleen M. Howley
Mr. Leo Pandeladis

Also in attendance for participation or in support of Committee and Board activities from the Office of the Chancellor: Ginger S. Coleman, Steve R. Dupes, Audrey J. Guistwhite, Lois M. Johnson, Barbara G. Lyman, Kenneth D. Marshall, Georgia K. Prell, Jennifer S. Scipioni, Dean A. Weber, and Eric J. Zeglen

University Presidents in attendance: Angelo Armenti, Jr., F. Javier Cevallos, Charles T. Curry, Acting President, Robert J. Dillman, Allan J. Golden, Interim President, Michelle R. Howard-Vital, Francine G. McNairy, James D. Moran, Interim President, William N. Ruud, David L. Soltz, Greg R. Weisenstein, David J. Werner, Interim President, and Karen M. Whitney.

President Michael Fiorentino, Jr., was absent.

Chairman Pichini called the meeting to order at 9:18 a.m.

Attendance taken at the direction of the Chairman established that a quorum of the Board was present.

The Pledge of Allegiance was recited by those in attendance.

APPROVAL OF THE MINUTES OF THE JANUARY 19, 2012 AND MARCH 14, 2012 MEETINGS

Chairman Pichini noted that the minutes of the January 19, 2012 and March 14, 2012 meetings were distributed prior to the meeting. The Chairman moved **THAT THE MINUTES OF THE JANUARY 19, 2012 AND MARCH 14, 2012 MEETINGS BE APPROVED.**

The motion passed unanimously.

REMARKS OF THE CHAIR

Chairman Pichini welcomed everyone to the Board of Governors' April 2012 quarterly meeting.

Chairman Pichini acknowledged there were several important items on the agenda: the approval of three new academic programs and the appointment of new presidents for East Stroudsburg and Slippery Rock Universities of Pennsylvania.

Chairman Pichini stated the selection of university presidents ranks among PASSHE's most important responsibilities and during these challenging times, strong university leadership is essential to our students' success. Chairman Pichini thanked everyone who served on the presidential search committees at East Stroudsburg and Slippery Rock Universities for their hard work and commitment to PASSHE universities.

Chairman Pichini said a new Board Advocacy Committee was appointed under the leadership of Jonathan B. Mack, Board member. Chairman Pichini acknowledged there were more than 50 students, university presidents, council members, and PASSHE alumni who spent Tuesday, April 3, at the Capitol meeting with legislators to advocate on behalf of the State System.

Chairman Pichini mentioned the Board also appointed a Strategic Planning Committee to work on the System's next long-range plan. Mr. Aaron Walton, Board member, is chair of the committee, which also includes representation from our various constituencies, including the Councils of Trustees.

Chairman Pichini acknowledged the level of support PASSHE receives from the state will play an essential role in the System's future. PASSHE representatives testified before the House and Senate appropriations committees on February 28 and March 5 to make PASSHE's case for an appropriate level of funding in the next state budget. Chairman Guido M. Pichini, Chancellor John C. Cavanaugh, Kutztown University President, F. Javier Cevallos, and Clarion University student, Ms. Joanna Catalano participated in the House hearing.

Chairman Pichini acknowledged that PASSHE received a very positive reception and substantial support at both hearings. Chairman Pichini commented that there is a real understanding on the part of legislators of the situation we are facing and the impact that another 20 percent reduction in our funding level from the state would have on PASSHE students and universities. Chairman Pichini stated a number of senators and representatives, including both appropriations committee chairs, said they would do what they can to restore at least a portion of the cuts that have been proposed by the governor.

Chairman Pichini mentioned he had the opportunity on March 7, 2012 to meet with members of the PASSHE Foundation Executive Board to discuss the important role the Foundation can play on behalf of our students, especially through their efforts to raise private funds for scholarships.

Chairman Pichini responded that last month he participated in the first meeting of the Governor's Advisory Commission on Postsecondary Education. The commission includes representatives from all sectors of higher education, as well as business and industry, and has been charged with making recommendations that can be molded into a coordinated, long-term plan for the Commonwealth. Chairman Pichini said it has a very ambitious schedule planned throughout the spring and summer, and is expected to submit a final report to the governor by November 15. Chairman Pichini said he appreciated the opportunity to serve on the commission and represent PASSHE, along with Chancellor John C. Cavanaugh, and Mr. Gerald C. Eckert, Millersville University Vice President.

Chairman Pichini commended the Pennsylvania Association of Councils of Trustees (PACT) for their decision to bring the spring PACT Conference to Harrisburg. Chairman Pichini said this was an opportunity for trustees, board members, presidents, senior administrators, policymakers, and advocates to gather in Harrisburg on March 20-21, 2012 and learn from national experts about the issues facing higher education here and around the country. Chairman Pichini acknowledged Marcus Lingenfelter, East Stroudsburg University Trustee, for designing the program and for all his hard work.

Chairman Pichini said with the academic year soon coming to a close, the universities will be holding their spring commencement ceremonies. Chairman Pichini acknowledged these events are times of celebration, but it also means that Leonard B. Altieri, III, and Sarah C. Darling, two of our student Board members, will be leaving. Chairman Pichini stated Leonard and Sarah represented themselves and all PASSHE students extremely well and it has been a real pleasure having them serve on the Board.

Chairman Pichini mentioned the Board participated in a Finance Committee workshop on March 6, 2012 and interviewed candidates for the presidencies at East Stroudsburg and Slippery Rock Universities on March 14, 2012.

Chairman Pichini thanked Dr. Syed R. Ali-Zaidi for attending the Board meeting. Chairman Pichini acknowledged David Walton, the recipient of the annual Syed R. Ali-Zaidi award for academic excellence.

Chairman Pichini mentioned the Board met yesterday in executive session from 2:50 p.m. to 6:40 p.m.

REPORT OF THE CHANCELLOR

Chancellor Cavanaugh asked that we send our condolences to Board member, Mr. Joseph F. McGinn, whose mother-in-law passed away on April 4.

Chancellor Cavanaugh thanked everyone who participated in the Advocacy Days, especially Sara S. Firestone and Karen S. Ball, for organizing the meetings and activities; Jonathan B. Mack, chair of the Advocacy Committee; and everyone who served on the committee. Chancellor Cavanaugh also thanked Chairman Guido M. Pichini and Mr. Joseph F. McGinn for their leadership and in helping to set up appointments and meetings. The Chancellor thanked all the students, trustees, presidents and alumni who participated.

Chancellor Cavanaugh said PASSHE will continue to work on budget restoration and the process is underway. Chancellor Cavanaugh stated PASSHE will continue to work with members of the administration and the General Assembly.

Chancellor Cavanaugh said the completion of the first segment of the PennREN network, Pennsylvania's fiber optic backbone, will be in two weeks and there will be a celebration in Montgomery County on April 19-20, 2012. Chancellor Cavanaugh said PASSHE played a role in convening PennREN to get the $100 million grant to help create the network.

Chancellor Cavanaugh mentioned the original footprint of the network will be finished in the summer of 2013 and Mansfield will be finished by the end of 2013. Chancellor Cavanaugh said PASSHE institutions will be part of the first highband-width education resource network in the Commonwealth. PASSHE will have lots of opportunities in sharing back-office capacity, teaching and learning opportunities, and partnerships with supercomputing and research centers that we do not have now because of a lack of capacity.

Chancellor Cavanaugh mentioned PASSHE is working to create and implement the system-wide data warehouse that will be housed at Indiana University (IUP). Chancellor Cavanaugh said PASSHE is in the process of working with IUP to make this happen as soon as possible, to make our daily reporting and monitoring easier and more effective to serve the System.

Chancellor Cavanaugh said the review of the Consolidated University Operations (CUO) Agreements is now in phase 2. PASSHE has work groups looking at each of the different topics for additional efficiencies and cost savings. Chancellor Cavanaugh said PASSHE expects the work groups to report back by early summer so PASSHE can implement any changes beginning in the 2012/13 academic year.

Chancellor Cavanaugh said the Governor's Advisory Commission on Postsecondary Education had the first meeting in March 2012. Chancellor Cavanaugh said he will be on the Administration and Financial Structures workgroup, Chairman Pichini will be on the Workforce Needs workgroup, and Mr. Gerald C. Eckert, from Millersville University will be on the Accessibility and Affordability workgroup. Chancellor Cavanaugh said there are four workgroups on the Commission and PASSHE has connections on three of them.

Chancellor Cavanaugh mentioned the Voter ID process and procedure. Chancellor Cavanaugh said he has been working with Representative Michael Hanna and PASSHE will have more discussion about the possible solution in the original legislature.

Chancellor Cavanaugh said PASSHE will have several new presidents this year and in order to focus on System issues and provide background information for the new presidents, PASSHE will have a Presidents' Academy in August 2012 where the new presidents can learn the workings of the System.

Chancellor Cavanaugh acknowledged that PASSHE has been working with the PASSHE Foundation, not only in fundraising, but also to leverage opportunities for PASSHE. Chancellor Cavanaugh mentioned PASSHE, PASSHE Foundation, and Hershey Entertainment and Resorts are working together. PASSHE and the PASSHE Foundation were able to obtain a contract for the Corporate University at Millersville University to provide leadership training. The first session was on Friday, May 30, and the feedback from Hershey Entertainment and Resorts was very positive.

Chancellor Cavanaugh's full report to the Board was sent by e-mail. The report includes highlights of University Accomplishments and Other Noteworthy Activities; Fundraising, Grants and Other Awards; University and Community Partnerships; Student and Faculty Recognition; and Fall Sports Highlights. (Attachment #1)

PUBLIC COMMENTS

Dr. Steve Hicks, APSCUF President, spoke about the proposed budget. (Attachment #2)

COMMITTEE REPORTS WITH RELATED ACTIONS

A.   **Academic and Student Affairs Committee**

Mr. Walton presented the report on behalf of the Academic and Student Affairs Committee.

There were no information items to report.

Mr. Walton noted that the Committee had three action items to recommend to the Board for approval.

Mr. Walton moved **THAT THE BOARD OF GOVERNORS APPROVE THE BACHELOR OF SCIENCE DEGREE IN MECHATRONICS ENGINEERING TECHNOLOGY AT CALIFORNIA UNIVERSITY OF PENNSYLVANIA.** (Attachment #3)

The original motion was amended by Mr. Henry: **THAT THE BOARD OF GOVERNORS AMEND THE MOTION TO REQUIRE THAT A REVISED SET OF PROJECTIONS BE PROVIDED AT THE OCTOBER BOARD MEETING THAT WILL FULLY REFLECT THE COST OF THE PROGRAM.**

The motion passed unanimously.

Mr. Walton moved **THAT THE BOARD OF GOVERNORS APPROVE THE BACHELOR OF SCIENCE DEGREE IN SOFTWARE ENGINEERING AT SHIPPENSBURG UNIVERSITY OF PENNSYLVANIA.** (Attachment #4)

The motion passed unanimously.

Mr. Walton moved **THAT THE BOARD OF GOVERNORS APPROVE THE BACHELOR OF APPLIED SCIENCE DEGREE IN TECHNOLOGY LEADERSHIP AT CLARION UNIVERSITY OF PENNSYLVANIA.** (Attachment #5)

The motion passed unanimously.

B. **Audit Committee**

Mr. Henry presented the report on behalf of the Audit Committee.

There were no information items to report.

Mr. Henry noted that the Committee had one action item to recommend to the Board for approval.

Mr. Henry moved **THAT THE BOARD OF GOVERNORS (1) APPROVE THE APPOINTMENT EXTENSION OF DEAN A. WEBER, AS DIRECTOR, OFFICE OF INTERNAL AUDIT AND RISK ASSESSMENT, BY ONE YEAR FROM JULY 1, 2012 TO JUNE 30, 2013 AND (2) DIRECT AUDIT COMMITTEE CHAIRMAN RONALD HENRY TO EXECUTE THE APPROPRIATE LETTER TO EXTEND THE APPOINTMENT.**

The motion passed unanimously.

C. **External Relations Committee**

Mr. Mack presented the report on behalf of the External Relations Committee.

The Committee reviewed two information items: Advocacy Update and Legislative Update.

There were no action items to report.

D. **Finance, Administration, and Facilities Committee**

Mr. Pennoni presented the report on behalf of the Finance, Administration, and Facilities Committee. The Committee had one information item: Fiscal Year 2012/13 Budget Update.

Mr. Pennoni noted that the Committee had one action item to recommend to the Board for approval.

Mr. Pennoni moved **THAT THE BOARD OF GOVERNORS ADOPT THE ATTACHED RESOLUTION TO AUTHORIZE FUTURE ISSUANCE OF REFUNDING BONDS WHEN MARKET CONDITIONS PERMIT AND AFTER THE VICE CHANCELLOR FOR ADMINISTRATION AND FINANCE CONSULTS WITH THE CHAIR OF THE FINANCE, ADMINISTRATION, AND FACILITIES COMMITTEE.** (Attachment #6)

The motion passed unanimously.

E. **Human Resources Committee**

The Human Resources Committee reported on work updating Human Resources polices of the Board. The Committee met on March 23 to continue a review of policies and how these policies affect various constituent groups.

F. **Executive Committee**

Chairman Pichini presented the report on behalf of the Executive Committee.

The Committee reviewed one information item: PASSHE Strategic Plan.

Chairman Pichini noted the Committee had two actions items to recommend to the Board for approval.

Chairman Pichini moved **THAT THE BOARD APPROVE THE APPOINTMENT OF MARCIA G. WELSH AS PRESIDENT OF EAST STROUDSBURG UNIVERSITY OF PENNSYLVANIA EFFECTIVE JULY 2, 2012 AND AUTHORIZE THE CHAIRMAN AND THE CHANCELLOR TO EXECUTE THE NECESSARY DOCUMENTS.**

The motion passed with one abstention and three no votes

Chairman Pichini moved **THAT THE BOARD APPROVE THE APPOINTMENT OF CHERYL J. NORTON AS PRESIDENT OF SLIPPERY ROCK UNIVERSITY OF PENNSYLVANIA EFFECTIVE JUNE 4, 2012 AND AUTHORIZE THE CHAIRMAN AND THE CHANCELLOR TO EXECUTE THE NECESSARY DOCUMENTS.**

The motion passed with one abstention and three no votes

BOARD ACTION

Mr. Pennoni read into the record a resolution honoring Leonard B. Altieri III.

Mr. Pennoni moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #7)

The motion passed unanimously.

Mr. Walton read into the record a resolution honoring Sarah C. Darling.

Mr. Walton moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #8)

The motion passed unanimously.

Chairman Pichini moved **THAT THE BOARD OF GOVERNORS APPROVE THE NOMINATING COMMITTEE AS PRESENTED BY THE CHAIR:**

> Mr. C.R. ''Chuck Pennoni, Chair
> Mr. Ronald G. Henry
> Mr. Jonathan B. Mack

The motion passed unanimously.

ANNOUNCEMENT

Chairman Pichini announced the next quarterly Board of Governor's meeting is scheduled for June 27 and June 28, 2012 at the Dixon Center in Harrisburg.

ADJOURNMENT

There being no further items of business to come before the Board, the Chairman adjourned the meeting at 10:36 a.m.

Executive Session convened at 10:45 a.m.

Executive Session adjourned at 11:15 a.m.

ATTEST: _____
        Peter H. Garland
        Secretary to the Board

Highlights from the
Pennsylvania State System of Higher Education (PASSHE)
April 5, 2012

System and University Accomplishments
and Other Noteworthy Activities

PASSHE Board of Governors Chair Guido M. Pichini, **PASSHE** Chancellor Dr. John C. Cavanaugh and **Millersville University of Pennsylvania** Vice President for Advancement Gerald C. Eckert have been named to the Governor's Advisory Commission on Postsecondary Education. The panel, appointed by Governor Tom Corbett, has been charged with developing a long-range plan to guide postsecondary education in the Commonwealth. The commission will meet throughout the spring and summer and is expected to submit its recommendations to the governor by November 15.

Jonathan Weber of **East Stroudsburg University of Pennsylvania** won the top prize in the first PASSHE Student Business Plan Competition. Chaz Sztroin of **California University of Pennsylvania** captured second place and Michael Grimm of **Kutztown University of Pennsylvania** took third. The competition was designed to provide student entrepreneurs a real-world opportunity to pitch their original business plans and to win funds to assist in the start-up of their businesses. A total of 236 students submitted business ideas in the competition, which was supported by a Keystone Innovation Grant from the state Department of Community and Economic Development and the sponsorship of the Pennsylvania State Employees Credit Union and J.P. Morgan. The 25 semi-finalists were recognized at an awards program held in the state Capitol.

Bloomsburg, Indiana, Kutztown, Lock Haven, Slippery Rock and West Chester Universities of Pennsylvania have been selected as members of the 2012 President's Higher Education Community Service Honor Roll. The Honor Roll recognizes higher education institutions that reflect the values of exemplary community service and civic engagement and that achieve meaningful outcomes in their communities.

Cheyney University of Pennsylvania celebrated its second annual Founder's Week in February. The activities included special lectures, musical performances, a donor recognition dinner and a 175th Founder's Day celebration featuring Cheyney alumnus, trustee and MSNBC commentator Robert Traynham.

Clarion University of Pennsylvania's Council of Trustees endorsed an initiative that will make the Venango Campus the university's fourth college, joining the College of Arts and Sciences, the College

of Education and Human Services and the College of Business Administration. Venango College will add new academic programs that meet educational needs in the region and continue to follow the career ladder model, incorporating the concepts of stacking credentials and partnerships that set Venango apart from other institutions.

East Stroudsburg University of Pennsylvania raised nearly $2,000 during a silent auction as part of its ongoing efforts to provide aid for earthquake victims in Haiti. ESU's Haiti Earthquake Relief last semester collected more than 400 backpacks to send to Haiti for use by young children in the remote rural school locations surrounding Borgne. To date ESU students, faculty and staff have raised more than $20,000 for Haitian relief efforts.

Edinboro University of Pennsylvania has been ranked among the top five universities in the nation for providing full services to disabled students. According to Chris Wise Tiedemann's *College Success for Students with Physical Disabilities*, Edinboro University and four other American universities are considered the nation's best when it comes to offering support and services to students with disabilities living on campus.

Kutztown University of Pennsylvania's College of Education has received continuing accreditation from the National Council for Accreditation of Teacher Education (NCATE), the profession's national accrediting organization. KU's College of Education is the university's largest school with more than 2,000 undergraduates and 110 graduate-level students... **KU** recently broke ground for the renovation and expansion of the Nathan C. Schaeffer Auditorium. The auditorium went off-line at the end of 2011 for an extensive 18-month renovation and remodeling, the first in the auditorium's 74-year history.

Lock Haven University of Pennsylvania will celebrate the inauguration of Dr. Michael Fiorentino Jr. as its 14th president on April 27. The theme for the event will *be Honoring our Past, Embracing our Future...* The Middle States Commission on Higher Education has reaffirmed Lock Haven University's accreditation... **LHU** has been named to Pennsylvania Business Central's list of the *Top 100 Organizations in Central Pennsylvania*.

Mansfield University of Pennsylvania has established the Marcellus Institute at Mansfield University, an academic/shale gas partnership that will work with all segments of the gas industry to help meet the educational needs of employees and to develop academic programs to prepare MU students for careers in the field. Gov. Tom Corbett praised the initiative, saying, "The sustainability of the tremendous opportunities offered from shale gas development is dependent on meeting the educational and training needs of our first-class workforce. I applaud Mansfield University and its partners for launching this exciting new Institute"... **Mansfield University** students moved into a pair of new residence halls in January, the first new housing units built on campus since 1976. They are part of a $38 million dollar project financed by the Mansfield Auxiliary Corporation in cooperation with the university to replace all residence halls on campus. The project will be completed in three phases... The **Mansfield University** Concert Choir will participate in the 2012 World Choir Games, the largest international choral competition in the world, in July. The event, known as the "Olympics of choral music," will take place July 4-14 in Cincinnati, the first time the event will be held in North America.

Shippensburg University of Pennsylvania hosted the Mid-Atlantic Writing Center Association Conference last month. Approximately 350 individuals attended the event, including participants from Kenya and Saudi Arabia who are seeking information on starting a writing center at their colleges and universities... **Shippensburg University** was featured on the homepage of the American Association of State Colleges and Universities.

Slippery Rock University of Pennsylvania trustee John Hicks has been elected president of the Pennsylvania Association of Councils of Trustees (PACT). Hicks is a professor emeritus of elementary education. He retired from SRU in 2002, following nearly 30 years of service... More than 200 **SRU**

students studied new media in London, health practices in Spain, pre-Columbian art in Peru, sales management in Italy and a host of additional topics in other nations during spring break. A dozen SRU classes included an international component that took them to 10 different countries as part of their standard coursework.

Fundraising, Grants, Gifts and Other Awards

The **Bloomsburg University** Foundation has received a $2 million commitment from Susan McDowell of Selinsgrove to establish the McDowell Institute for Teacher Excellence in Positive Behavior Support. The gift from McDowell, a member of the BU Foundation Board of Directors, is the largest in the foundation's history. The Institute will equip educators with strategies, practices and experiences to effectively support the academic, social and emotional growth of all students... The **BU** Foundation's First and Goal scholarship campaign is approaching its $2 million goal. The campaign celebration and dedication of the football field in honor of Coach Danny Hale will take place April 28, in conjunction with the spring football game.

Cheyney University of Pennsylvania as a recent fundraiser offered *An Evening with Maya Angelou*. The sold-old appearance by Angelou was held to support the university's Keystone Honors Academy.

The **Clarion University** Foundation is nearing the conclusion of a three-year, $5 million endowed scholarship campaign known as *Fly, Eagles, Fly*. The campaign was launched in 2009 to encourage scholarship support for all Clarion students, while focusing on providing opportunities for students committed to the rigorous professional preparation of the Honors Program and to those participating in Golden Eagles athletics. To date, the campaign has raised $4.3 million and stands at 87 percent of goal... The Dr. Deb Scholarship was established in January and has been supported by alumni and friends in honor of the 20th anniversary of the Women and Gender Studies Program and the retirement of Dr. Deborah Burghardt... The **Clarion University** wrestling alumni and the university's athletic administration, in conjunction with the Clarion University Foundation, completed a new initiative designed to support intercollegiate wrestling, Clarion's only Division I program.

The **East Stroudsburg University** Foundation recently accepted on behalf of the university a collection of 114 original paintings by the prolific and renowned artist, Sterling B. Strauser. Best known for his florals, Strauser's paintings also are included in the permanent collections of the Allentown Art Museum; Lehigh University; Everhart Museum, Scranton; Cheekwood Museum and Vanderbilt University, both in Nashville, Tenn.; Maier Museum of Art (Randolph-Macon Woman's College), Lynchburg, Va.; the American Museum, Bath, England; and numerous corporate collections. Strauser, 88 at the time of his death in 1995, spent his adult life in East Stroudsburg as a self-taught painter. The university will hold a May 1st opening and special reception to showcase the permanent display of the collection... The **ESU** Foundation also received as a gift for the university the Zoot Sims Collection, which is now part of the Al Cohn Memorial Jazz Collection at ESU. The collection was donated by Louise Sims, wife of legendary saxophone jazz artist John Haley "Zoot" Sims. It features unique material from Sims' notable music career, including photographs, musical manuscripts, press and publicity materials, correspondence and media recordings. The collection will be housed in the Kemp Library.

Edinboro University of Pennsylvania has received more than $1 million for endowed scholarships over the last year. Among the largest contributors were from the estate of Sukhbans K. Dhillon, which added $363,325 to a previously established memorial scholarship fund honoring Mrs. Dhillon's son, Surinder S. Dhillon; from the estate of O.E. Bertrum Shaffer, which contributed $334,720 in unrestricted funds to Edinboro University; from Donald and Patricia Kaufman, who established a $100,000 honors program scholarship; from the Elva Elder Reither family, which added $100,000 to the Elva Elder Reither Memorial Scholarship; from the Hill/Skelton Scholarship, which added $84,057 to the scholarship fund honoring James R. Hill Jr., and his wife, Frances Jeanne Skelton Hill; from the Roth Marz Partnership architectural firm, which donated $15,000 for

honors scholarships; and from the estate of Erie Attorney Will J. Schaaf, which contributed $10,000 to the scholarship fund.

The Foundation for **Indiana University of Pennsylvania** has received a $100,000 grant from the Alcoa Foundation to support a national forum IUP's Safety Sciences Department will host in the fall on fatality prevention in the workplace. The two-day forum scheduled for October 29 and 30 will be held at the Embassy Suites in Pittsburgh.

Kutztown University of Pennsylvania has received a $600,000 grant from the National Science Foundation to fund advancements and scholarships in the environmental sciences and marine science. Scholarship recipients will receive up to $7,000 a year through the grant and also will receive support through tutoring, career development and leadership training.

The **Lock Haven University** Foundation announced the establishment of a new endowed scholarship—The TurnKey Electric Student Scholarship to support students enrolled in the Physician Assistant Program. The fund was established with a $50,000 gift from TurnKey Electric Inc... The **LHU** Foundation announced the establishment of the endowed Krevsky Scholarship for the Arts in honor of Margery Krevsky, a 1966 graduate of the university, current member of the university's Council of Trustees and a supporter of the arts at LHU. The scholarship will be awarded to students who are studying in an arts related discipline.

A team of **Millersville University of Pennsylvania** faculty have received a $5,000 grant from the American Association of University Women (AAUW). The team, consisting of Dr. Tracey Weis, coordinator of the women's studies program and professor of history; Dr. Tim Mahoney, Dr. Linda McDowell and Dr. Cheryl Desmond, educational foundations; and Dr. Rita Smith Wade-El, psychology, received $5,000 for its proposal, "Crossing the Line in Lancaster County: Adolescents, Sexual Harassment and Cyber Bullying," which will be the anti-sexual harassment project of the Millersville University CAP team.

The **Shippensburg University** Foundation received a more than $500,000 grant from the U.S. Agency for International Development to fund three projects; a feasibility study to establish a Center of Excellence in Finance and Banking at Baghdad University; to establish a Center for Teaching Excellence for Iraqi Colleges of Management and Economics; and to foster quality assurance, development of administrative capacity and guidance through the Association to Advance Collegiate Schools of Business (AACSB) accreditation advising. College of Business Dean Dr. John Kooti led a three-member team from the John L Grove College of Business to Bagdad in January... The SU Foundation has secured commitments of cash or pledges totaling $7,732,816 since July 1, 2011...Two **Shippensburg University of Pennsylvania** professors will use a $174,226 grant from the National Science Foundation to develop a smart phone application to increase student performance on pre-calculus problems and classes. Dr. Doug Ensley, professor of mathematics, and Dr. Lea Adams, assistant professor of psychology, along with Dr. Barbara Kaskosz, professor of mathematics at the University of Rhode Island, received the grant, which continues until December 2014.

Slippery Rock University of Pennsylvania's "Farewell Gala Honoring the Presidency and Leadership of Robert and Ramona Smith" raised more than $200,000 in need-based scholarship support; nearly two times more than any other single fundraising event...
Jerome "Jerry" Bejbl, a 1963 **Slippery Rock University** secondary education graduate and retired president and owner of The Armoloy Corp, based in DeKalb, Ill., was awarded SRU's first Diamond Level pin for giving more than $1 million to the university.

West Chester University of Pennsylvania has received an anonymous gift of $1.4 million for its endowment... The university also received a $300,000 gift for music scholarships and nearly $40,000 to support its planetarium fund.

The **PASSHE Foundation** and the **Office of the Chancellor** recently initiated a new relationship with

Hershey Entertainment & Resorts. After meeting with Chancellor Cavanaugh and being introduced to PASSHE's workforce training and advanced degree product line, HE&R signed a contract with **Millersville University of Pennsylvania**, its first with a PASSHE university, for supervisor training services. Millersville's CorpU will provide the services through June 21st...

The **PASSHE Foundation** has received a number of gifts since the beginning of the fiscal year. They include: $5,400 contributed through the Board of Directors' Appeal, $7,950 through the Board of Governors' Appeal, $13,095 for scholarships from the Edith Davis Eve Foundation, $15,704 for scholarships from the Minnie Patton Stayman Foundation, $5,000 for scholarships from the Sheller Family Foundation, $5,000 from Greenlee Partners for the William D. Greenlee Memorial Scholarship, $10,000 for scholarships from M&T Bank, and $10,000 from the Pennsylvania State Employees Credit Union and $2,000 from JP Morgan Chase Bank for the PASSHE Student Business Plan Competition... Chancellor Cavanaugh and **PASSHE Foundation** President and CEO Jenny Scipioni successfully solicited Highmark for its fourth consecutive commitment of $250,000 to fund undergraduate scholarships, graduate awards and academic initiatives surrounding healthcare. The gift will perpetuate Highmark as the largest corporate donor to the PASSHE Foundation with cumulative support totaling $1 million. It will also provide funding for the 2012-2013 academic year... Information on the scholarship funds secured and disbursed to PASSHE students by the **PASSHE Foundation** can be found by visiting the website, www.thepafoundation.org. ...Two separate solicitations have been crafted by Chancellor Cavanaugh and Ms. Scipioni. "Program Development Funding for Targeted Healthcare Curriculum for PASSHE" is a $150,000 proposal made to the Arthur William Phillips Trust on March 15th. "AT&T/PASSHE Partnership Program: Improving College Access and Retention of Minority and Low Income Students in Pennsylvania" is a $1 million proposal that will be delivered to the AT&T Foundation in the coming weeks... PNC Institutional Investments made a $2,500 contribution to the **PASSHE Foundation** to sponsor the inaugural offering of the *PASSHE Enrichment Series* in February. The purpose of the event was to share the PASSHE story with a targeted audience of prospects, donors and legislators in order to engage new partners and deepen existing relationships... The **PASSHE Foundation** Board of Directors welcomed three new members: Tiffany Baehman, vice president and general manager of the Philadelphia Market at AT&T; Wayne Failor, the first vice chancellor for finance and administration at PASSHE; and attorney John Havas... The **PASSHE Foundation** has retained the consulting firm of Barnes & Roche Inc. for the purpose of conducting a campaign readiness assessment. Chancellor Cavanaugh, his leadership team, the PASSHE Foundation Board of Directors and the Board of Governors have been engaged in the readiness assessment process. Barnes & Roche plans to submit a conclusive report to the PASSHE Foundation by the end of April.

University and Community Partnerships

Dr. Rachelle Prioleau, dean of **Clarion University of Pennsylvania's** College of Arts and Sciences, has been appointed chair of the Pennsylvania Network for the American Council on Education Inclusive Excellence Group beginning June 2012.

Continuing its service to the Erie area, and in cooperation with the Warren-Forest Higher Education Council, **Edinboro University** in Erie-The Porreco Center, is now Erie County's site for GED preparation and testing. Additionally, the Adult Education Program of the Northwest Tri-County Intermediate Unit offers GED preparation classes at The Porreco Center for free.

Indiana University of Pennsylvania Archaeological Services, directed by anthropology professor Beverly Chiarulli, has extended its cultural resources partnership with the Pennsylvania Department of Transportation for five years in a new $820,000 agreement, which will allow IUP faculty and students to assist PennDot with artifact curation, in-house surveys, public outreach and geophysical investigations.

Kutztown University of Pennsylvania signed an articulation agreement with Reading Area County Community College that creates a dual admission and core-to-core program between the two

schools. Under the agreement, RACC students who submit a dual admissions intent form to enter KU, will be guaranteed admission into a KU bachelor's degree program and will enter KU as juniors.

Slippery Rock University of Pennsylvania's Sustainable Enterprise Accelerator opened an office in downtown Slippery Rock earlier this spring to help to local business owners and would-be entrepreneurs looking to launch their ideas.

Student and Faculty Recognition

Bloomsburg University of Pennsylvania nursing students won the ninth annual Geoffrey Allen Walp Memorial Student Nurse Challenge, sponsored by the **East Stroudsburg University** chapter of the Student Nurse Association of Pennsylvania. The challenge helps prepare student nurses for the National Council Licensure Examination for their Registered Nurse license... Members of **Bloomsburg University's** Community Government Association Executive Board partnered with the St. Bernard Project, a non-profit organization located in New Orleans, to help rebuild a house in New Orleans damaged during Hurricane Katrina. The students worked on the community service project while attending the American Student Government Association conference... **BU** history professor Michael C. Hickey's book, *Competing Voices from the Russian Revolution, Fighting Words*, has been selected by the American Library Association as a Reference and User Services Association (RUSA) Outstanding Reference Source for 2012. The ALA RUSA award is given to 10 books a year, from among all reference books published in all fields.

Two **California University of Pennsylvania** professors have been selected to participate in the Fulbright Specialist program. Dr. J. Kevin Lordon, associate professor in the Department of Secondary Education and Administrative Leadership, will travel to Hebei University in China to continue work on teacher leadership. Joseph Schwerha, associate professor in the Department of Business and Economics, will take his expertise in cybercrime to the University of Malta. The Fulbright Specialist Program sends U.S. faculty and professionals abroad for two to six weeks to serve as expert consultants on curriculum, faculty development and institutional planning at overseas academic institutions.

Six undergraduate students from **East Stroudsburg University of Pennsylvania** traveled to Wroclaw, Poland, in January to participate in *Eurosim 2012*, a four-day international simulation of the European Union (EU), the world's largest economic and political union. The ESU students were among some 200 students from 24 universities in Europe and the United States who attended the prestigious event. ESU has been chosen to host the spring 2013 international European Union simulation. It will be the largest and most diverse gathering of international students and faculty ever at ESU, with some 200 students and 30 faculty members from 25 universities, representing an estimated 42 nationalities.

Dr. Tony Peyronel, chair of **Edinboro University of Pennsylvania's** Department of Communication & Media Studies, has been selected to participate in the 2012 Scripps Howard Leadership Academy at Louisiana State University June 4-7. Organized and hosted by LSU's Manship School of Mass Communication and funded by the Scripps Howard Foundation, the Leadership Academy brings together mass communication professionals, scholars and administrators to share strategies and insights on academic programs in journalism and mass communication.

Indiana University of Pennsylvania's student alumni association, the IUP Ambassadors, was honored for the 15th time by the Council for Advancement and Support of Education Affiliated Student Advancement Programs. The IUP Ambassadors received the district 2012 Outstanding External Program Award for the *Young Alumni Achievement Award* program and the 2012 Tried & True Program award for the *Tuition Raffle Program*. Ambassador adviser Sara Lawer also was selected as the district 2012 Outstanding Adviser... **IUP's** honor society for nursing students was recognized for excellence at the international honor society's convention in Grapevine, Texas. IUP's Zeta Lambda

chapter of Sigma Theta Tau was one of seven Pennsylvania chapters honored at the organization's biennial convention. It was recognized for excelling in three areas: creating welcoming environments; enhancing knowledge, resources and network; and contributing in global health.

Kutztown University of Pennsylvania's football team was recognized on the floor of the state Senate for winning its first Pennsylvania State Athletic Conference championship last fall. Led by head coach, Ray Monica, the team set a school record with 11 victories while also winning its first NCAA playoff game.. **Kutztown University** art professor Dr. John Howell White received the 2012 National Higher Education Art Educator of the Year Award from the National Art Education Association. Dr. White has been chair for the Department of Art Education and Crafts since 2002.

Albert Jones, associate director of Human Resources and assistant to the president for social equity at **Lock Haven University of Pennsylvania**, recently was installed as the 19th president of the Pennsylvania Black Conference on Higher Education... Dr. David Curtin, associate professor of music at **LHU** was invited for the second consecutive year to be a faculty practitioner/performer at the International Choral Music Society's Music Festival in Shanghai in February. Curtin also spent time in Beijing, where he was Artist-in-Residence at the International School of Beijing... **Lock Haven University** assistant professor Jonathan E. Stout has been appointed for a three-year term as chair of the Bureau of Indian Affairs Advisory Board for Exceptional Children. Dr. Stout has been serving as a member of the board for two years. The Board assists the Secretary of the Interior in performing duties under the Individuals with Disabilities Education Improvement Act of 2004... As the world's leading physicists assembled in Boston earlier this year for the 2012 meeting of the American Physical Society, **Lock Haven University** had a major presence, with 15 students presenting two oral and 13 poster technical presentations, and two summer internship oral presentations. One of the LHU presenters, Tracy Swinger, received an Undergraduate Presentation Award in recognition of her outstanding presentation of undergraduate research.

The **Mansfield University of Pennsylvania** Student Chapter of the American String Teachers Association has been named "The Most Improved Student Chapter" in the nation in 2011. Five members of the Mansfield chapter and faculty advisor Professor Kenneth Sarch travelled to Atlanta to receive the award at the ASTA national convention held last month.

Millersville University of Pennsylvania graduate student Kofi Adutwum won the Committee Leadership Award for the Committee on Union Government at the 10th annual Model African Union, hosted by Howard University in Washington, D.C. The award is given to the individual who has made the most significant contribution to fostering consensus, capturing the essence of complex issues and leading the respective committees and council toward effective action... Dr. Abdelhadi Halawa, a professor of wellness and sport sciences, was selected by the Senior Advisory Board of Intellectbase International Consortium to serve as a conference co-chair for the Multi-Disciplinary International Academic Conference held in Bangkok, Thailand, last month... Dr. Richard D. Clark was inducted as a Fellow of the American Meteorological Society at the 92nd Annual Meeting held in New Orleans in January.

Shippensburg University of Pennsylvania senior history major Kayla Reed will participate in the highly selective Posters on the Hill Conference in Washington, D.C., later this month. Reed was selected by the Council on Undergraduate Research, the nation's foremost organization that fosters undergraduate research, present her research findings to federal government officials, agency personnel and policy-makers... *The Law and U*, a legal guide for college students, created by **Shippensburg University** communication/journalism graduate students has moved from a classroom project to a booklet, newspaper series and website hosted by the Pennsylvania Bar Association, all designed to provide basic legal information for college students... A **Shippensburg University** service-learning project was the highlight of a recent adult continuing education conference in State College. The project, a collaborative effort between members of a writing class taught by Dr. Laurie Cella, assistant professor of English, and the Lincoln Intermediate Unit No. 12's Franklin County Literacy Council, was highlighted during the Pennsylvania Association of Adult Continuing Education

Conference... A five-member group of **Shippensburg University** students won the Pennsylvania Collegiate Championship in Carlisle. Students Clay Henninger, Nick Pedersen, Pepe Chavez, Mike Vendetti and Toan Do won the completion, which included colleges and universities from throughout Pennsylvania including from Pennsylvania State University and the University of Pittsburgh.

Slippery Rock University of Pennsylvania professor of computer science David Dailey presented during a two-day workshop in February to more than 250 students from 39 universities at the Kurukshetra 2012 technology festival in Chennai, India. Dailey, a world-recognized expert in computer scalable vector graphics, or SVG, was invited to present at the computer festival billed as the "Battle of the Brains." The conference was hosted by Anna University, one of the oldest technical institutes in the world... **SRU** geology professor Patrick Burkhart will co-lead NASA's Lunar and Planetary Science Academy summer internship program. Burkhart will teach 20 of the nation's finest college science majors about the surface of the earth and supervise a student-faculty research expedition to the Grand Canyon.

The **West Chester University of Pennsylvania** Forensics Speech and Debate won state titles in impromptu speaking, rhetorical criticism and program oral interpretations at the Pennsylvania State Championship Tournament held at Cedar Crest College. The team finished second overall and won 26 individual awards... Donna Sanderson, an associate professor of early and middle grades, has been selected as an early childhood educational consultant to the Friends of Liberia International Organization, which trains teachers to teach early literacy and math skills in Liberia, Africa.

APSCUF President Implores PASSHE Board Not To Slash Funding

The PASSHE Board of Governors met on Wednesday, April 4, and Thursday, April 5, for its quarterly board meeting. State APSCUF president Steve Hicks made a brief statement during the public comment period about the impact of the governor's proposed budget cuts on students. He implored the board to act in the best interests of students and to boldly lead the state system into the future.

"In January, I implored you to not comply with the Governor's rescission of 5 percent of the PASSHE state appropriation that was announced in January. I don't think you have yet voted on this, so I will reiterate: it would be damaging on top of last year's $90 million cut to our appropriation, and more so if we end up with anything like the $82 million cut currently on the table for 12-13. And, also, let me urge you to tell CFOs to spend that money, as students need handouts in classes as we near finals, they need academic support to help them return, and universities need to purchase those day-to-day items that make them run efficiently and professionally.

Since you last met here, you all know the Governor has announced 20% cut for PASSHE. Saying "again" is…redundant? We have worked already to turn that number into something smaller — a lot like a zero seems workable from where I stand. As mentioned already, we have spent time in legislative offices lobbying and we'll do more. We held a student rally on the Capitol steps last week, with a handful of legislators and many students speaking, and there have been rallies on almost every campus across the state. Again this year the media coverage has been extensive and positive.

We could not stand quietly by this year and let this happen. We plan on working on this legislation until it's on its way to the Governor's desk. And any cut is damaging, devastating and potentially catastrophic.

We should all be worried that our mission and the stories it provides to show our success is in jeopardy here. We need to keep telling our story. Mr. Altieri has just given us example of that kind of story about a first generation student, that is our staple, and the success we can help them find. But his story is on the verge of becoming history: with the cuts the Governor has proposed, and may continue to propose, including cuts to PHEAA, and the tuition increase of last summer and another of some sort the likely end of any 20% cut this year, first-generation college students across the Commonwealth will no longer be able attend our institutions. We need to tell the stories that are so like Mr. Altieri's, and we need to tell legislators, parents, voters, and the media over and over that the Commonwealth is NOT better off if that opportunity disappears.

On the theme of opportunity, we need to keep what was said about Cheyney at your last Board meeting in mind. The problems there haven't been resolved in less than three months, although we've been working on them; we all need to keep some attention there.

It seems these days our attention is needed many places, on the Hill, across the campuses, and at Cheyney. Tough times, they say, bring out tough leaders. Let's lead in a direction to make sure we have a system with continued access and opportunity for future students."

Executive Summary of New Degree Program Proposal
Bachelor of Science Degree in Mechatronics Engineering Technology
California University of Pennsylvania

April 4, 2012

1. Appropriateness to the Mission

The proposed Bachelor of Science degree in Mechatronics Engineering Technology is designed to produce a graduate with a multidisciplinary high-tech skill set and knowledge that integrates mechanical, electrical, and computing technology through automated control and information systems. Mechatronics is an evolutionary design development that requires horizontal integration between various engineering disciplines as well as vertical integration between design and manufacturing.

The proposed program prepares individuals to apply mathematical and scientific principles to the design, development and operational evaluation of computer controlled electro-mechanical systems and products with embedded electronics, sensors, and actuators; and which includes, but is not limited to, automata, robots and automation systems. The interdisciplinary curriculum includes instruction in mechanical engineering, electronic and electrical engineering, computer and software engineering, and control engineering.

The proposed California University (CAL U) mechatronics program is aligned with the Pennsylvania State System of Higher Education (PASSHE) *Strategic Directions* as well as CAL U's mission and strategic goals through the development of a Science, Technology, Engineering, and Mathematics (STEM) discipline that is designed to meet the current and emerging workforce needs of the Commonwealth.

2. Need

The multidisciplinary skill set has been identified by the Pennsylvania Department of Labor and Industry as a high priority occupation (HPO) skill set. In the study of recent annual growth rates of 280 U.S. companies, growth rates averaging 20 percent were reported in the manufacturing, service, and medical and robotics sector.

The national Council on Competitiveness estimates that 100 million new jobs will be created in the 21st century at the intersection of disciplines rather than within or through individual disciplines. Graduates of the proposed mechatronics engineering technology bachelor degree program will satisfy the need in a number of different economic sectors across the Commonwealth such as: biotechnology; transportation and logistics; special trade construction; aerospace; agriculture, food and forestry, green energy, homeland security and defense; telecommunications and information services; life science and medical

equipment; production support and industrial machinery, and advanced manufacturing. The proposed STEM program will position CAL U as a regional leader in mechatronics career development to meet STEM workforce needs across industries for Pennsylvania and the global society by graduating high tech multi-skilled mechatronics engineering technologists.

3. Academic Integrity

The Bachelor of Science degree in Mechatronics Engineering Technology will be housed in the Department of Applied Engineering and Technology. There will be options to transfer credits from the CAL U associate degree program in Robotics Engineering Technology and associate degree offerings from local and statewide community college engineering technology programs with appropriate preparation in math and science. The mechatronics engineering technology program was planned and prepared with reference to Technology Accreditation Commission of Accreditation Board of Engineering and Technology (TAC of ABET) criteria, with input from the Mechatronics Industrial Advisory Board members, and current faculty at CAL U.

The 120 credit hour multidisciplinary program has clearly identified program objectives and articulated student learning outcomes that include internships, faculty-supervised student projects designed to solve industry problems, industry partnerships, and a capstone senior project.

4. Coordination/Cooperation/Partnerships

Partnerships with existing programs will be a strong point of the proposed mechatronics engineering technology program at CAL U. The benchmark in-house programs that will aid in the building of the curricular foundation for the Bachelor of Science degree in Mechatronics Engineering Technology are the accredited (TAC-ABET) Electrical Engineering Technology, Computer Engineering Technology programs, ATMAE accredited Technology Management program, and the CAC of ABET Computer Science program. There are 34 credits from these stellar programs that are required in the mechatronics engineering technology program. Regional community colleges in Westmoreland, Butler, and Allegheny counties as well as Pierpont Community College (in Fairmount, WV) have associate degree programs in engineering technology that will articulate well with the proposed offering in mechatronics engineering technology program. Currently, articulation agreements with these community colleges are in place for our electrical engineering technology, computer engineering technology, and technology management programs. A total of seven (7) community colleges in Pennsylvania have 2+2+2 articulation agreements with the Applied Engineering and Technology Department. Also, CAL U was the PASSHE lead with the funded Pathways for Career Success Program (Robotics Engineering Technology program), and has 2+2+2 articulation agreements with four high schools, three career and technology centers, and two community colleges. CAL U will expand on all of these existing agreements and throughout the Commonwealth. Along with a strong Mechatronics Advisory Board (created to advise the development of the Mechatronics Engineering Technology program) at CAL U, efforts are currently underway with a number of agencies

and organizations to strengthen the engineering technology offerings by developing relationships with corporations for internships and donations.

5. **Assessment and Accreditation**

The Bachelor of Science degree in Mechatronics Engineering Technology has been developed in accordance with the 2011-2012 TAC of ABET criteria for accrediting engineering technology programs. ABET is the premier accreditation body for engineering and engineering technology programs throughout the world. In addition to the ABET criteria, the degree program had an industrial advisory board that contributed to the development of the program. Once established, CAL U will pursue accreditation through TAC of ABET. In addition to the ABET accreditation process, Board of Governors Policy 1997-01: *Assessing Student Learning Outcomes,* will ensure continued effectiveness. The program will be reviewed within three years of its approval by the Board of Governors, and on a regular five-year cycle following its initial review.

6. **Resource Sufficiency**

The Department of Applied Engineering and Technology has support faculty to teach the electrical engineering technology and computer engineering technology courses, which are part of the technical core within the mechatronics degree, but additional faculty members and a lab technician will be needed to adequately deliver the program. CAL U plans to hire at least two mechatronics engineering technology faculty members and share an electrical engineering technology faculty member to teach, recruit, conduct research in the field, pursue accreditation, and resource acquisitions for the program. A lab technician will be hired to maintain the facilities (labs), aid faculty in setup of demonstrations and activities, support recruitment, and perform other duties as contracted. To achieve the delivery of the mechatronics program without added cost, CAL U plans to fill the positions through attrition when current regular faculty within the department, college, or university retire or otherwise separate. CAL U has identified 3-5 FTE faculty lines that are available due to attrition and will be allocated to the mechatronics program. The budget has been adjusted to reflect those faculty lines.

The Mechatronics Engineering Technology program will require state-of-the art facilities, update of current facilities, and the procurement of equipment/hardware/software to adequately prepare the mechatronics engineering technology student so that they can compete in the global marketplace.

CAL U has a well-defined outreach plan designed to develop a student pipeline for the current engineering technology programs that will support the new program. CAL U has collaborated with workforce agencies and 70 regional companies to support high school student participation in robotics competitions; BotsIQ and the VEX World Cup. For example, BotsIQ has 42 schools with over 400 competitors that compete at CAL U every year. Other relevant outreach activities include teacher professional development, technical skill development, summer robotics camps for middle and high school students, and the recent

development of a scout leader training for a robotics merit badge for the Boy Scouts.

7. **Impact on Educational Opportunity**

CAL U will target recruitment activities toward minority and female students for the Bachelor of Science degree program in Mechatronics with an initial marketing campaign prior to the start of the program and expand throughout the advertisement process. CAL U will seek grants such as National Science Foundation funds designated to increase minority student recruitment and retention in engineering and technology fields.

The University will conduct national searches to hire engineers to teach in the mechatronics program with particular attention to minority and women candidates.

Prepared by: Dr. John R. Kallis, Chairperson, Department of Applied Engineering and Technology, California University of Pennsylvania

Implementation Date: Fall 2013

FIVE-YEAR BUDGET PROJECTION
UNIVERSITY: California University of Pennsylvania
PROPOSED PROGRAM: Bachelor of Science (B.S.) in Mechatronics

ESTIMATED REVENUES	2011-12 Rates	2013-14		2014-15		2015-16		2016-17		2017-18		5-Yr Total
		Year 1		Year 2		Year 3		Year 4		Year 5		
		Existing	New	Existing	New	Existing	New	Existing	New	Existing	New	
Projected Tuition or University E&G	$6,240	$0	$205,920	$164,736	$205,920	$296,525	$205,920	$401,956	$205,920	$526,496	$205,920	$2,419,313
External Grants & Contracts		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	-
Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
TOTAL REVENUE		$205,920		$370,656		$502,445		$607,876		$732,416		$2,419,313
ESTIMATED EXPENSES		Year 1		Year 2		Year 3		Year 4		Year 5		
Salaries and / or benefits	$0	$0		$0		$0		$0		$0		$0
Learning resources	$200	$0	$6,000	$4,800	$6,000	$8,640	$6,000	$11,712	$6,000	$15,341	$6,000	$70,493
Instructional equipment		$1,600,000		$800,000		$300,000		Annual refresh rollover $85,000		Annual refresh rollover $85,000		$2,870,000
Facilities and / or modifications		$460,000		$230,000		$230,000		$0		$0		$920,000
Other- Faculty Professional Development		$10,000		$10,300		$10,609		$10,927		$11,255		$53,091
Total Expenses		$2,076,000		$1,051,100		$555,249		$113,639		$117,596		$3,913,584
Difference (Rev.- Exp.)		($1,870,080)		($680,444)		($52,804)		$494,237		$614,820		($1,494,271)
Estimated impact of new program		Year 1		Year 2		Year 3		Year 4		Year 5		
FTE Enrollment		30		54		73		96		116		
Projected annual credits generated		900		1620		2196		2876		3489		
Tuition Generated		$187,200		$336,960		$455,520		$599,040		$723,840		$2,302,560

Note: * The department has identified 3-5 FTE faculty lines that are available due to attrition and redirect those lines to the mechatronics program

Executive Summary of New Degree Program Proposal
Bachelor of Science Degree in Software Engineering
Shippensburg University of Pennsylvania

April 4, 2012

1. Appropriateness to the Mission

The Computer Science Department at Shippensburg University is proposing a Bachelor of Science Degree in Software Engineering. The program is designed to prepare students for careers developing large-scale software while working in highly effective development teams. Graduates will have the skills necessary to design, construct, and test large-scale software systems. They will understand the tools and techniques used by software development teams to plan and manage such projects, and will be ready to help meet the large and growing demand for trained software developers in the Commonwealth and surrounding region. The proposed degree is consistent with several elements of Shippensburg's mission and vision including a commitment to developing programs to meet the needs of the Commonwealth and region. This commitment is one of the State System's goals as outlined in the Pennsylvania State System of Higher Education's (PASSHE) Strategic Initiatives. This initiative specifically lists goals of "capitalizing on the broadband initiative for educational, health, and economic improvement; and aligning academic programs at all levels with the Commonwealth's strategic needs." This Software Engineering program supports the Commonwealth's goals of continuing to develop high tech industries and the department's faculty stands ready to assist public policy initiatives that will leverage the skills of Shippensburg University graduates to support economic improvement.

2. Need

The Occupational Supply Demand System (OSDS) (www.occsupplydemand.org) provides long-term supply and demand data for a wide variety of careers. Nationally, OSDS reports an expected growth in open software engineering positions of 30.3 percent with 823 open positions per year in Pennsylvania. According to OSDS, Pennsylvania currently has four (4) undergraduate Bachelor degree programs in Software Engineering programs (Allegheny College, Drexel University, Penn State-Erie-Behrend College, and Robert Morris University) that graduated a combined total of 29 undergraduates in similar programs in 2008. In addition, ABET lists only three accredited Software Engineering programs (Drexel University, Gannon University, and Penn State – Erie-Behrend College). The small number of programs reflects the fact that software engineering is a relatively new field with a body of knowledge that has been standardized for less than ten years. While these numbers reflect an average of only 7.5 graduates per year,

Shippensburg University's proposed program is expected to graduate 13-15 students per year and thus will not be a low-enrolled program.

In addition, with radio and print advertising across central Pennsylvania, Maryland and Northern Virginia, this number is expected to grow.

3. Academic Integrity

The proposed program contains 32 credits of computer science/computer engineering courses, 20 credits of software engineering courses, 16 credits of mathematics (6 count toward general education), 14 credits of science (9 count toward general education), and 33 credits of other general education courses in order to meet ABET accreditation standards. Given that this program contains 69 credit hours of major and cognate courses, and thus exceeds the 60 credit hour maximum in the BOG 1990-06-A policy, Shippensburg University has requested and received approval for an exception from the Office of the Chancellor. The computer science courses give the students strong fundamentals in programming skills, algorithms, and the underlying machine language with courses in programming, data structures, computer organization, operating systems, databases, and algorithms. These are supported by appropriate mathematics (calculus I, discrete mathematics, statistics, and linear algebra), science (a two semester lab-based science sequence plus two general science courses), and general education. Within the software engineering courses, the students are focused on (1) strategies for designing large scale systems that are modifiable, reliable, maintainable, and scalable, (2) development processes and tools that teams can use to structure and plan projects, and (3) process management, the standards by which software development processes are evaluated, and how metrics can be used to improve the development process. While the proposed program shares many of the same resources with the other departmental offerings, this will be structured as a wholly separate degree offering, and will be accredited according to those program specific criteria.

4. Coordination/Cooperation/Partnerships

Collaboration possibilities with sister institutions were investigated, but there are currently no other Software Engineering majors or concentrations within PASSHE. However, the first two years of this software engineering program are similar to courses that are in the first two years of many computer science programs. Students could complete that work at any of the PASSHE schools and transfer those credits to Shippensburg University to complete the Software Engineering degree. Students at community colleges have successfully transferred into Shippensburg's computer science program for many years. Additionally, due to the articulation agreements set forth in the PA Transfer and Articulation Center (PA TRAC) in response to state legislation, students will be able to transfer into either Computer Science or Software Engineering at Shippensburg University.

Shippensburg University's computer science program has a center, the BROADSIDE Center, where faculty and students work on projects with local

industrial partners. Recently, projects in that center have included engineering projects with CyberDerm, Inc. and Z-Band, Inc. With Cyberderm, students built a medical device that measures the amount of melanin in skin and wrote an application that analyzed that data for a clinical trial. With Z-Band, a team developed the software for an embedded Linux processor that controls their GigaBud devices that allow transmission of TV signals on CAT-5 wires. In addition, the Z-Band team built a web site that communicates with those processors to remotely manage devices all over the world. Both of the projects demonstrate the ability of faculty and students to work with industrial partners on software engineering projects. The BROADSIDE Center will continue to foster these types of software engineering relationships in addition to its traditional role with computer science. After participation in BROADSIDE or related internships, companies like MicroTech have readily hired Shippensburg University graduates.

5. **Assessment**

The assessment plan for this program will be built around the rigorous assessment required by ABET. It will include course assessment, senior exit surveys, the Major Fields Assessment Test in Computer Science, internship evaluations, feedback from our Industrial Advisory Council, and alumni surveys. This framework will allow assessment of individual courses, the goals of the program and the performance of graduates after five years of employment. All assessment data will be reviewed annually prior to the beginning of the fall semester and any findings will be traced to subsequent program revisions creating the feedback from assessment to program improvement.

This assessment program is built on the assessment program of our ABET accredited Computer Science program. The Computer Science department has demonstrated a strong history of using assessment data for program improvement and will lay the same groundwork in preparation for pursuing ABET accreditation of the Software Engineering Program.

6. **Resource Sufficiency**

This proposal can be supported using existing resources with existing capacity for 22 students. The existing capacity allows for additional students per year at each undergraduate level (that is, eight more freshmen, six more sophomores, four more juniors and four more seniors). The university assesses enrollment and staffing annually in order to determine if resources need to be allocated for growing programs. Therefore, if the university identifies software engineering as a growing program, there is a mechanism to accomplish this demand-driven growth through an annual faculty-staffing process.

7. **Impact on Educational Opportunity**

It is important that the residents of the Commonwealth have an opportunity to pursue a high-quality, low-cost, in-state Software Engineering program. This program will prepare them for a wide variety of jobs that are increasing in

demand throughout the state. Students who choose to study an engineering discipline must possess above average skills in a wide array of fields, including the ability to think abstractly and solve complex problems. Students who have those skills, but not the financial resources necessary to pursue other programs, will now have a path to software engineering careers from which the Commonwealth will benefit.

Shippensburg University engages in a number of activities designed to recruit and retain underrepresented students including, but not limited to: targeted recruitment activities by the Admissions Team, recruiting at high schools in major metropolitan areas, and recruiting STEM students with the TAP Out-of-State Initiative. The Computer Science department supports all of these activities and will help those activities recruit Software Engineering students from all backgrounds. In addition, Shippensburg is participating in PASSHE's CUE Equity Score Card Process and thus the software engineering program will benefit from the findings of this self-study process. It is also important to note that in engineering in general, and in Software Engineering in particular, women are an underrepresented population. The Computer Science Department has an existing Women in Computer Science program that provides extra mentoring and support for all of its female students, which has helped retention.

Finally, failure rates in the early courses in computer science (and software engineering) have been increasing across the nation with many schools suffering up to 50% failure rates. The trend has been reversed at Shippensburg University by redesigning the way students learn to program. The program's first course has a very non-traditional structure without losing any of the required content or rigor. As a result, the failure rate has been significantly reduced. While this modification benefits all students, students who have a less rigorous high school background are much more likely to succeed in this version of the course than in traditional courses.

Prepared by: Barbara G. Lyman, Provost and Senior Vice President for Academic Affairs, Shippensburg University of Pennsylvania

Implementation date: Fall 2012

FIVE-YEAR BUDGET PROJECTION
UNIVERSITY: Shippensburg University
PROPOSED PROGRAM: Bachelor of Science Degree in Software Engineering

ESTIMATED REVENUES	Year 1 2011-12		Year 2 2012-13		Year 3 2013-14		Year 4 2014-15		Year 5 2015-16	
	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New
Tuition*	$478,236	$57,968	$537,363.	$59,707	$584,233	$61,498	$633,432	$63,343	$717,678	$0
External Grants and Contracts		$5,000		$6,000		$7,000		$8,000		$9,000
Other = Fees+										
TOTAL REVENUE++	$541,204		$603,070		$652,732		$704,775		$726,678	
EST EXPENSES	Year 1		Year 2		Year 3		Year 4		Year 5	
Salaries &/or benefits (Faculty/Staff)	$178,538		$178,538		$178,538		$178,538		$178,538	
Learning resources										
Instructional equipment										
Facilities and/or modifications										
Other								$12,000		
TOTAL EXPENSES	$178,538		$178,538		$178,538		$190.538		$178,538	
DIFFERENCE Rev.-Exp.	$362,666		$424,532		$474,194		$514,237		$548,140	
ESTIMATED IMPACT OF NEW PROGRAM	Year 1		Year 2		Year 3		Year 4		Year 5	
FTE Enrollment	74		80		84		88		88	
Projected Annual Credits Generated	1110		1200		1260		1320		1320	
Tuition Generated	$461,760		$514,176		$556,081		$600,038		$618,039	

Executive Summary of New Degree Program Proposal
Bachelor of Applied Science Degree in Technology Leadership
Clarion University of Pennsylvania

April 4, 2012

1. Appropriateness to the Mission

The proposed Bachelor of Applied Science degree with a major in Technology Leadership will prepare industrial technology practitioners at the professional level by building on their technical knowledge base obtained at the associate degree level with upper-division liberal arts and business courses. Coursework for the degree-completion program will be offered completely online, allowing students in the Commonwealth and beyond access to this degree program. Online courses will enable working professionals to achieve academic goals while also meeting family and work demands.

Clarion University-Venango Campus is the associate degree-granting unit of Clarion University, and currently offers 11 associate degree programs. With the focus on workforce development in the geographic region it serves, the Bachelor of Applied Science in Technology Leadership provides a seamless transition for those who have earned an applied associate degree.

This degree completion program is appropriate for a wide array of industrial technology professionals. In accordance with Clarion University's mission, vision, and values, the proposed Bachelor of Applied Science with a major in Technology Leadership upper-division degree-completion program will enhance university strategic growth through expanded degree programs that are offered in a collaborative manner that maximizes efficient use of resources. The program is an initiative that stemmed from the combined expertise and resources of Clarion University's Department of Applied Technology, College of Business Administration, and Office of Graduate and Extended Programs.

The proposed program will provide opportunities for technical practitioners to develop the liberal arts and leadership knowledge and skills necessary to meet employers' strong demands for technology management. As such, the Bachelor of Applied Science with a major in Technology Leadership degree program will aid students, communities, and technical organizations at the local, state, and national levels by providing viable educational and employment opportunities that will support economic growth.

This proposed Bachelor of Applied Science with a major in Technology Leadership degree completion program will align with PASSHE's strategic priority of enhancing Commonwealth service by preparing graduates to assume leadership roles in industrial organizations, allowing for personal and corporate

growth. It will also provide the citizens of the Commonwealth an opportunity to realize career advancement by attaining a bachelor's degree in a profession that is in demand while simultaneously meeting family and work responsibilities through this online delivery method.

2. Need

Clarion University's Associate of Applied Science in Industrial Technology (AAS-IT) degree was created in 2004 in response to a critical need for certified technical workers in the region. Currently, there are approximately 100 students enrolled in the program, and Clarion has graduated over 120 students in the last four years. This group of students will require a bachelor's degree to move forward in their careers and continue their education, and Clarion wants to be well-positioned to provide a degree for these students. The fact that it will be offered online allows the option for all Clarion AAS-IT degree graduates to complete this degree. The online format will facilitate the enrollment of community college graduates throughout the Commonwealth and nationally.

Continued growth of Clarion's AAS-IT degree program, as well as the thousands of community college and technical school graduates seeking bachelor's degree completion programs, will generate enrollment to sustain this program for years to come. The unique online delivery method and competitive tuition pricing of the Pennsylvania State System of Higher Education will serve students well as they seek advanced leadership positions within technical organizations across the Commonwealth and beyond.

The emergence of natural gas exploration in the Commonwealth, potentially the single largest creator of jobs in the history of Pennsylvania, poses yet another need for this online bachelor degree completion program. As the drilling phase moves to the production phase, and our technically educated workers seek long-term employment in the industry, there will be a need for employees with the knowledge and skills provided through this proposed Bachelor of Applied Science degree. The long work hours and considerable travel required of workers in the natural gas industry will pose challenges to those employees who wish to continue their education. The online format of this degree completion program provides a strong option for those seeking a bachelor's degree to advance within this growing industry.

3. Academic Integrity

The Bachelor of Applied Science with a major in Technology Leadership curriculum builds upon the technical coursework of the Associate of Applied Science degree with a combination of leadership, advanced technology, and general education coursework. The program's focus on upper division business skills required for one to be successful in today's workplace makes the Bachelor of Applied Science degree a logical next step for students with an AAS degree.

The curricular model for the Bachelor of Applied Science is a 120 credit hour degree program, in which a minimum of 60 credits are awarded from an accredited AAS degree program in an approved area of specialization. Students complete upper division coursework in three areas to complete the 120 credits required for graduation: A Leadership Core area; an Advanced Technology area; and an elective component that allows students to enhance analytical and critical thinking skills necessary to be successful in the workplace. The number of credits necessary for each category might vary slightly depending upon the particular technical specialty, but the BAS model will be the same regardless of the technical discipline. The curriculum was developed through the collaborative efforts of Clarion's Department of Applied Technology, College of Business Administration, and Office of Graduate and Extended Programs.

Transfer credits for the completion of accredited technical associate degree programs will be awarded by Clarion in accordance with Middle States standards, consistent with the process for other Clarion degree programs.

4. **Coordination/Cooperation/Partnerships**

The proposed Bachelor of Applied Science with a major in Technology Leadership degree is designed to articulate with Clarion University's ATMAE-accredited Associate of Applied Science in Industrial Technology degree. It is also designed to articulate with accredited technical and community college programs across the Commonwealth and beyond. Technology Leadership graduates will in turn be positioned to matriculate into Clarion University's Master of Business Administration degree program.

Clarion University prides itself in coordinating programs with other institutions, including an online Master of Science in Nursing degree that is offered jointly by Edinboro and Clarion. Clarion also recently partnered with Edinboro, Indiana, and Lock Haven Universities to write a federal grant under the Trade Adjustment Assistance Community College and Career Training (TAACCCT) program in the U.S. Department of Labor. Clarion was recently notified that funding for this grant proposal was not awarded, but the university plans to continue working with these three PASSHE schools to address many of the grant's goals. This proposed online degree completion program will help Clarion fulfill some of the grant objectives. For example, graduates with associate degrees at Edinboro, Indiana, and Lock Haven Universities will be able to consider this proposed Bachelor of Applied Science in Technology Leadership degree completion program as the next step in their educational ladder. The online format of this proposed degree-completion program will be appealing to many PASSHE associate degree graduates in technical fields as an alternative to other face-to-face programs.

5. **Assessment**

An outcomes assessment plan has been developed to ensure that the Technology Leadership program is realizing its intended purpose. Goals and

objectives that speak to program quality and efficacy will be supported by measurable outcomes using data from course embedded assessment, program completion rates, graduate and employer satisfaction surveys, graduate school acceptance rates, and a five-year program review with external consultation. Data from outcomes assessment will be used for continuous programmatic improvement. The proposed Bachelor of Applied Science degree with a major in Technology Leadership will be subject to Clarion University's five-year program review process. Further, the Department of Applied Technology will seek national accreditation from the Association of Technology, Management, and Applied Engineering (ATMAE), the same body that has accredited Clarion's Associate of Applied Science in Industrial Technology (AAS-IT) degree. The AAS-IT is the only ATMAE-accredited associate degree program in the Commonwealth.

6. **Resource Sufficiency**

Since all of the general education and leadership courses that are required for this program are currently offered by Clarion University, there is no anticipated need for significant additional resources. The Department of Applied Technology and the Office of Graduate and Extended Programs will provide resources for program administration and student advising. Students enrolled in the program will have access to Clarion University's library throughout the entire program. The budget section of this proposal includes an assessment of university-wide infrastructure costs within the expense calculation for the program in order to provide a comprehensive and realistic analysis of the program's projected net revenue. Our enrollment projections for years 1-5 of the program provide a revenue-positive financial model as illustrated in the budget section.

7. **Impact on Educational Opportunity**

The proposed online Bachelor of Applied Science degree with a major in Technology Leadership will meet the needs of a unique population of students who are not able to attend traditional classes because of geographic, family, and/or work constraints. Further, the program will contribute to the outstanding opportunity that Clarion has to serve diverse student populations through distance education initiatives. Program graduates will create a unique pool of hybrid employees for local, regional, and national technical organizations. The program's liberal education and leadership course work, combined with technical expertise at the associate degree level, will ensure that graduates are valuable employees who have the knowledge and skills to effectively assume roles as technical managers and leaders.

Prepared by: Dr. Ron Nowaczyk, Provost and Vice President for Academic Affairs, Clarion University of Pennsylvania

Implementation date: Fall 2012

FIVE-YEAR BUDGET PROJECTION
UNIVERSITY: Clarion University, PROPOSED PROGRAM: Bachelor of Applied Science with a Major in Technology Leadership

ESTIMATED REVENUES	Year 1 (12-13)		Year 2 (13-14)		Year 3 (14-15)		Year 4 (15-16)		Year 5 (16-17)	
	Existing	New	Existing	New	Existing	New	Existing	New	Existing	New
Projected Univ. E&G Tuition		$ 62,400	$56,160	$74,880	$118,560	$87,360	$187,200	$99,840	$255,840	$112,320
External Grants and Contracts										
Other										
TOTAL REVENUE	**$62,400**		**$131,040**		**$205,920**		**$287,040**		**$368,160**	
ESTIMATED EXPENSES	**Year 1**		**Year 2**		**Year 3**		**Year 4**		**Year 5**	
Salaries and/or benefits (Faculty and Staff)*		$29,257	$29,257	$29,257	$58,514	$29,257	$58,514	$29,257	$87,771	$29,257
Learning resources **		$1,000		$1,000		$750		$500		$500
Instructional Support***		$500								
Technology Hardware/Software										
Other****							$108,000	$57,600	$147,600	$64,800
TOTAL EXPENSES	**$30,757**		**$59,514**		**$118,778**		**$253,871**		**$329,928**	
DIFFERENCE (Rev.-Exp.) before appropriation	**$31,643**		**$71,526**		**$87,142**		**$33,169**		**$38,232**	
EST. IMPACT OF NEW PROGRAM	**Year 1**		**Year 2**		**Year 3**		**Year 4**		**Year 5**	
FTE Enrollment*****	10 new		9 returning /12 new		19 returning / 14 new		30 returning / 16 new		41 returning / 18 new	
Projected Annual Credits Generated	240 (20 enrolled)		504 (42 enrolled)		792 (66 enrolled)		1,104 (92 enrolled)		1,416 (118 enrolled)	
Tuition Generated	**$62,400**		**$131,040**		**$205,920**		**$287,040**		**$368,160**	

*Based on FY12 faculty avg. salary calculated at 25% of an Assoc. Professor, Step 11.
**Estimated expenses for online journal subscription for capstone course and other online resources
***For licenses for software that provides packaging of instructional video for the web (e.g. Camtasia Studio)
****Includes $150 per student credit hour produced to cover University-wide infrastructure costs
*****Based on an estimated 8% yearly attrition rate

Resolution Authorizing Issuance of Refunding Bonds
by the Pennsylvania Higher Educational Facilities Authority

WHEREAS, the State System of Higher Education of the Commonwealth of Pennsylvania (the "System") desires that the Pennsylvania Higher Educational Facilities Authority (the "Authority") undertake a project (the "Project") consisting of the issuance of bonds (the "Refunding Bonds") to refund all or a portion of various series of bonds issued by the Authority on behalf of the System (the "Prior Bonds"); and

WHEREAS, the Board of Governors of the System (the "Board") has determined that it is desirable to authorize the Chancellor to proceed with the issuance of the Refunding Bonds when market conditions permit, as long as the present value savings on the Refunding Bonds equal or exceed 4%, and this authorization expires June 30, 2013; and

WHEREAS, the Authority will lend the proceeds of the Refunding Bonds to the System to finance the costs of the Project and to pay expenses incidental to issuance of the Refunding Bonds; and

WHEREAS, the obligation of the System to repay the Refunding Bonds will be described in and evidenced by a Loan Agreement, as supplemented (the "Loan Agreement"), between the Authority, as lender, and the System, as borrower, pursuant to which the System will pledge the full faith and credit of the System as security for repayment of the obligation; and

WHEREAS, the Loan Agreement will be assigned by the Authority as security for the Refunding Bonds pursuant to a Trust Indenture, as supplemented (the "Indenture"), between the Authority and the accepted trustee; and

WHEREAS, the Authority will, by public invitation, solicit and receive competitive bids from underwriters for the purchase of the Refunding Bonds, which bids will contain, among other terms, proposed interest rates on the Refunding Bonds.

NOW, THEREFORE, BE IT RESOLVED, that the Board hereby authorize the Chancellor to proceed with issuance of the Refunding Bonds by the Authority when market conditions permit, provided that the net present value savings on the Refunding Bonds equal or exceed 4%; this authorization will expire June 30, 2013; and be it

RESOLVED, that the Board hereby delegate to the Chancellor or Vice Chancellor for Administration and Finance the power to accept bids for purchase of the Refunding Bonds from underwriters and to determine the principal amount of the Refunding Bonds to be issued by the Authority, the rates of interest, dates of maturity, provisions for optional or mandatory redemption, and other details, such approval to be evidenced by acceptance of the bid for purchase of the Refunding Bonds by the Authority and the System; and be it

RESOLVED, that the Board hereby authorize pledging the System's full faith and credit to repayment of the Refunding Bonds, as provided in the Loan Agreement, and does hereby authorize and direct the Chancellor or Vice Chancellor for Administration and Finance to execute, acknowledge, and deliver, and any Responsible Officer to attest such signature to a supplement to the Loan Agreement in such form as the officers executing it may approve, such approval to be conclusively evidenced by execution thereof; and be it

RESOLVED, that any Responsible Officer is hereby authorized and empowered to approve the content of the Preliminary Official Statement and the Official Statement of the Authority relating to issuance of the Refunding Bonds as to information concerning the System and its affairs; and be it

RESOLVED, that any Responsible Officer is hereby authorized and directed to take such further action and to execute and deliver such other instruments and documents as may, in his or her judgment or upon advice of counsel, be necessary or advisable to effect issuance of the Refunding Bonds by the Authority, the intent of this Resolution, and the transactions contemplated.

_____   _____
Secretary to the Board   Chairman of the Board

_____
Date

Resolution Honoring the Contributions
of Leonard B. Altieri III

WHEREAS, Leonard B. Altieri III has provided excellent service as a member of the Board of Governors of the Pennsylvania State System of Higher Education since his appointment in July 2010; and

WHEREAS, Leonard B. Altieri III will graduate with a bachelor's degree in political science from West Chester University of Pennsylvania in May 2012; and

WHEREAS, Leonard B. Altieri III has distinguished himself as a leader among PASSHE's broad student population, having served as president of West Chester University of Pennsylvania's Student Government Association; and

WHEREAS, Leonard B. Altieri III has served the West Chester community in a variety of ways, including as a student senator and as co-chair of the Student Government Association's Legislative Affairs Committee, and as a member of the university's Middle States Re-Accreditation Self-Study Committee; and

WHEREAS, as a student Board member, Leonard B. Altieri III has been an outstanding ambassador for the State System in a variety of settings, including during two appearances before the state Senate Appropriations Committee; and

WHEREAS, Leonard B. Altieri III has been a thoughtful, loyal and accessible member of the Finance, Administration and Facilities Committee of the Board of Governors, and as an advocate for all PASSHE students throughout his tenure on the Board;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of the Pennsylvania State System of Higher Education does acknowledge the many fine contributions of Leonard B. Altieri III to the Board and to the entire Pennsylvania State System of Higher Education and wishes him well in the future as an outstanding alumnus of West Chester University of Pennsylvania, and

BE IT FURTHER RESOLVED, that the Board of Governors extends best wishes to him in all of his future endeavors.

Unanimously adopted by the Board
April 5, 2012

_____
Guido M. Pichini, Chairman

Resolution Honoring the Contributions
of Sarah C. Darling

WHEREAS, Sarah C. Darling has provided excellent service as a member of the Board of Governors of the Pennsylvania State System of Higher Education since her appointment in June 2011; and

WHEREAS, Sarah C. Darling will graduate with a bachelor's degree in speech communications and public relations from Millersville University of Pennsylvania in May 2012; and

WHEREAS, Sarah C. Darling has distinguished herself as a leader among PASSHE's broad student population, having served as president of Millersville University of Pennsylvania's Student Senate; and

WHEREAS, Sarah C. Darling has served the Millersville community in a variety of ways, including as an elected student representative to the university's Honors College, Dining and Sustainability committees, and as a member of the state Department of Education's College Textbook Policies Advisory Committee; and

WHEREAS, as a student Board member, Sarah C. Darling has been an outstanding ambassador for the State System in a variety of settings, including in an appearance before the state Senate Appropriations Committee; and

WHEREAS, Sarah C. Darling has been a thoughtful, loyal and accessible member of the Academic and Student Affairs Committee of the Board of Governors, and as an advocate for all PASSHE students throughout her tenure on the Board;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of the Pennsylvania State System of Higher Education does acknowledge the many fine contributions of Sarah C. Darling to the Board and to the entire Pennsylvania State System of Higher Education and wishes her well in the future as an outstanding alumnus of Millersville University of Pennsylvania, and

BE IT FURTHER RESOLVED, that the Board of Governors extends best wishes to her in all of her future endeavors.

Unanimously adopted by the Board
April 5, 2012   _____
                                                Guido M. Pichini, Chairman