

**Board of Governors
of the
Pennsylvania's State System of Higher Education**

Meeting Minutes

267th Meeting
Thursday, April 4, 2019
Boardroom, First Floor
Administration Building
2986 North Second Street
Harrisburg, PA 17110-1201

9:00 a.m.

ATTENDING

Board of Governors:

Representative Timothy P. Briggs
Audrey F. Bronson
Joar F. Dahn
Donald E. Houser, Jr. (via phone)
Rodney Kaplan, Jr.
David M. Maser (Vice Chair) (via phone)
Thomas S. Muller
Noe Ortega (designee for Secretary of Education)
Representative Brad Roae
Senator Judith L. Schwank (via phone)
Cynthia D. Shapira (Chair)
Samuel H. Smith (Vice Chair)
Secretary Meg C. Snead (designee for Governor Wolf)
Janet L. Yeomans

Marian D. Moskowitz, Secretary of Education Pedro A. Rivera, Barbara McIlvaine Smith and Neil R. Weaver were absent.

Office of the Chancellor:

Daniel I. Greenstein, Chancellor
Peter H. Garland
Randy A. Goin, Jr.
Andrew C. Lehman
Sharon P. Minnich

Also, in attendance from the Office of the Chancellor: Kathryn S. Akers, Sarah J. Bauder, Alicia A. Brumbach, Audrey J. Guistwhite, Jennifer E. Hoover, Cody Jones, Kenneth D. Marshall, Joel M. Snively, and Dean A. Weber.

Also, in attendance: Dr. Ken Mash, APSCUF President; Mr. Jeffrey Smith, PACT President; and Sheleta Camarda-Webb, SCUPA President.

University Presidents in attendance: William J. Behre, Laurie A. Carter, Peter C. Fackler (via phone), Michael A. Driscoll, Christopher M. Fiorentino, Bashar W. Hanna, Michael J. Hannan, Kenneth S. Hawkinson, Geraldine M. Jones, Dale-Elizabeth Pehrsson (via phone), Robert M. Pignatello, Aaron A. Walton, Daniel A. Wubah, and Marcia G. Welsh.

Chairwoman Shapira called the meeting to order at 9:06 a.m.

Attendance taken at the direction of Chairwoman Shapira 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 MEETINGS

Chairman Shapira noted that the minutes of the meetings held on January 16, 2019, January 17, 2019, February 28, 2019, and March 18, 2019, were distributed prior to the meeting. Chairman Shapira moved **THAT THE MINUTES OF THE JANUARY 16, 2019, JANUARY 17, 2019, FEBRUARY 28, 2019, AND MARCH 18, 2019, MEETINGS BE APPROVED.**

Voice Vote. The motion passed unanimously.

PUBLIC COMMENTS

Dr. Ken Mash, President of APSCUF provided public comments.

To hear comments, click on the link.

<http://ducmediasite.passhe.edu/Mediasite/Play/b644c1e9d463453993fb7d5af02739631d>

Chairwoman noted there were several student recognitions:

Student Recognitions (Ali's Zaidi, Biden Courage Award, and athletes)

- Ali Zaidi winner – Erin Jones (Millersville University)
- 2019 Biden Courage Award - Adrianna Marie Branin (Indiana University)
- Christina Sather, diving champion (Clarion University)
- Andrew Dunn Jr., wrestling champion (Kutztown University)
- Shane Ruhnke, wrestling champion (Millersville University)
- Sunflower Greene, shot put champion (Millersville University)
- Field Hockey Team (Shippensburg University)
- Nadia Mulder, diving champion (West Chester University)
- Georgia Wright, swimming champion (West Chester University)

Chairwoman Shapira recognized the Ali Zaidi Winner - Erin Jones, Millersville University (Attachment #1)

- Erin was unable to attend the meeting; however, she provided a video.

Dr. Peter Garland recognized the two other students who were unable to attend the Board meeting.

- Christina Sather, Clarion University – Diving Champion (Attachment #2)
- Sunflower Greene, Millersville University – Shot Put Champion (Attachment #3)

Chairwoman Shapira read into the record a resolution honoring Adrianna Marie Branin. Chairwoman Shapira moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #4)

Voice vote. The motion passed unanimously.

Governor Muller read into the record a resolution honoring Andrew Dunn Jr. (Wrestling Champion). Governor Muller moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #5)

Voice vote. The motion passed unanimously.

Governor Smith read into the record a resolution honoring Shane Ruhnke (Wrestling Champion). Governor Smith moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #6)

Voice vote. The motion passed unanimously.

Designee Noe Ortega read into the record a resolution honoring the Shippensburg University Field Hockey Team. Designee Ortega moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #7)

Voice vote. The motion passed unanimously.

Governor Yeomans read into the record a resolution honoring Nadia Mulder. Governor Yeomans moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #8)

Voice vote. The motion passed unanimously.

Governor Yeomans read into the record a resolution honoring Georgia Wright. Governor Yeomans moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #9)

Voice vote. The motion passed unanimously.

CHAIRWOMAN SHAPIRA'S COMMENTS INCLUDED THE FOLLOWING:

- Board Retreat
 - Values, purpose, and goals of the State System
 - Provide affordable, high-quality education
 - Communication
 - Transparency
 - Work closely with trustees, presidents, faculty, staff, and students
 - Power of a sharing system
- Student Success
- System Redesign

Chairwoman Shapira noted that the Board met in Executive Session on Wednesday, April 3, 2019, from 12:20 p.m. to 2:00 p.m. No action was taken.

Chairwoman Shapira turned the meeting over to Chancellor Greenstein for his remarks.

CHANCELLOR GREENSTEIN'S COMMENTS INCLUDED THE FOLLOWING:

- Appreciation to the members of the Board
 - Acknowledged the problem and went into the solution
- Update on System Redesign

Chancellor Greenstein turned the meeting over to Chairwoman Shapira.

Report from Mr. Jeffrey Smith, PACT President

FULL BOARD ACTION ITEMS

Action Items – from the University Success Committee

Chairwoman Shapira moved that the Board approve all four action items from the University Success Committee as recommended by the Committee on Wednesday, April 3.

Item #1 - **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 UNIVERSITY SUCCESS COMMITTEE.** (Attachment #10)

Item #2 - **THAT THE BOARD OF GOVERNORS ADOPT THE ATTACHED RESOLUTION AUTHORIZING THE ISSUANCE OF BONDS UP TO A MAXIMUM PROJECT CASH OF \$104.1 MILLION.** (Attachment #11)

Item #3 - **THAT THE BOARD OF GOVERNORS APPROVE THE FOLLOWING, EFFECTIVE FOR FALL 2020:** (Attachment #12)

- a. **AMENDMENTS TO POLICY 1999-02-A: TUITION, AS ATTACHED.**
- b. **RESCISSION OF POLICY 1984-08-A: BOARD OF GOVERNORS SCHOLARS PROGRAM.**
- c. **RESCISSION OF POLICY 1996-01-A: SOURCES OF FUNDING FOR UNIVERSITY SCHOLARSHIPS.**

Item #4 – **THAT THE BOARD OF GOVERNORS APPROVE THE ALLOCATION OF FUNDS FROM THE SYSTEM'S FISCAL YEAR 2019/20 E&G APPROPRIATION TO THE UNIVERSITIES, AS REFLECTED IN ATTACHMENT 1.** (Attachment #13)

Voice Vote. All motions passed unanimously.

Chairwoman Shapira noted there were more resolutions.

Chairwoman read into the record a resolution honoring Joar F. Dahn. Chairwoman Shapira moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #14)

Voice Vote. Motion passed unanimously.

Chairwoman read into the record a resolution honoring Rodney Kaplan Jr. Chairwoman Shapira moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #15)

Voice Vote. Motion passed unanimously.

Chairwoman read into the record a resolution honoring Brian H. Swatt. Chairwoman Shapira moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #16)

Voice Vote. Motion passed unanimously.

Chairwoman read into the record a resolution honoring Kenneth D. Marshall. Chairwoman Shapira moved **THAT THE BOARD OF GOVERNORS APPROVE THE RESOLUTION.** (Attachment #17)

Voice Vote. Motion passed unanimously.

Governor Smith acknowledged Dean Weber. Dean worked in the Internal Audit Department along with the Audit Committee of the Board. Dean was retiring April 26, 2019.

NEW BUSINESS

Governor Joar Dahn asked about the “Common Application” for our universities.

ADJOURNMENT

There being no further items of business to come before the Board, Chairwoman Shapira adjourned the meeting at 11:57 a.m.

ATTEST: _____
Randy Goin Jr.
Deputy Chancellor

The webcast link for the April 4, 2019 Board meeting

<http://ducmediasite.passhe.edu/Mediasite/Play/b644c1e9d463453993fb7d5af02739631d>

Office of the President
Phone: 717-871-7001
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November 30, 2018

Dr. Daniel Greenstein
Office of the Chancellor
Pennsylvania State System of Higher Education
Dixon University Center
2986 North Second Street
Harrisburg, PA 17110-1201

Dear Chancellor Greenstein:

It is my distinct pleasure to put forward, as my inaugural nomination, Millersville University senior, Ms. Erin Jones, for the 2019 Syed Ali-Zaidi Award for Academic Excellence. Enclosed are the materials in support of her nomination.

Ms. Jones has accumulated a truly superior record of academic achievement at Millersville University. She matriculated to Millersville University having been valedictorian of her high school while receiving 40 Advanced Placement credits. At Millersville, she continued her outstanding academic performance, as demonstrated by her 4.0 GPA. This is particularly impressive given the challenging curriculum she has undertaken, pursuing a Bachelor of Science degree with a major in Meteorology with minors in Mathematics and Emergency Management all while pursuing an Honors College curriculum that culminates in a senior research thesis. Her outstanding academic performance, coupled with the multiple research experiences she has had while an undergraduate, has led to her receiving multiple awards, accolades, and recognition on the national stage that includes being the recipient of a *2017 Ernest F. Hollings Undergraduate Scholarship* and having been selected as a *2018 Barry Goldwater Scholar Honorable Mention*.

We believe one of the reasons for this is because Ms. Jones has embraced the student-scholar model, recognizing the importance of placing the content she is learning in the classroom into practice by participating in numerous research experiences. During her time at Millersville University, Ms. Jones has had the opportunity to participate in five distinct research experiences, two multi-year experiences within the university and three off-campus summer opportunities, all of which were either funded by state agencies, the National Science Foundation (NSF), or the National Oceanic and Atmospheric Administration (NOAA). Ms. Jones also participated in the National Atmospheric Deposition Program focused on monitoring wet deposition of ions and trace metals along with the NSF-funded education deployment project called *Student Experience in Airborne Research-Mid-Atlantic Region* (SEAR-MAR). For this project, she assisted

with leading the effort to take charge of the daily operations (e.g. forecast science missions, conduct pre-flight briefings), the design of flight patterns for science missions, and the setup of the project's ground-based field site, consisting of an entire suite of meteorological instruments. Ms. Jones is using the results of this project to fulfill the requirements for the University Honors thesis.

These alone are significant accomplishments but they only scratch the surface of what she has accomplished within a research setting. During the 2016 summer, Ms. Jones worked with Dr. Neil Laird of Hobart and William Smith College on an NSF funded project designed to understand and quantify the portion of annual snowfall in the Great Lakes region that is associated with mesoscale lake-effect snow. From Ms. Jones' research, they were able to determine the spatial variability of the portion of annual snowfall in the vicinity of Lakes Michigan, Erie and Ontario that was produced from lake-effect snow storms during two winters. The culmination of this work resulted in the manuscript entitled "The Influence of a Lake-to-Lake Connection from Lake Huron on the Lake-effect Snowfall in the vicinity of Lake Ontario" published in the peer-reviewed *Journal of Applied Meteorology and Climatology*. As Dr. Laird noted in his December 2017 letter to the Barry Goldwater Foundation, "Erin performed the expected responsibilities of the internship and often exceeded my expectations by conducting relevant analyses that were not asked of her. In addition, she often asked insightful questions that demonstrated that she was thinking critically of her own research."

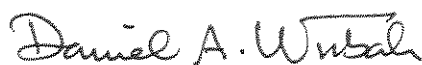
During the 2017 summer, Ms. Jones accepted an opportunity to work on another NSF funded project, this time with Dr. Christopher Nowotarski of Texas A&M University. Their research focused on understanding the dynamics of severe convective storms, with a focus on the processes that lead to tornadoes in supercell thunderstorms, near storm environments most likely to produce tornadoes, and improvements in operational weather forecasting and other severe weather hazards. As you might expect, Dr. Nowotarski had nothing but glowing words regarding Ms. Jones' performance, as mentioned in his January 2018 letter to the Barry Goldwater Foundation, "Through close interaction with Erin over the course of her project, I can confidently say that Erin is by far the best undergraduate student researcher I have encountered in my career." The culmination of their effort resulted in the manuscript entitled "Multivariate Self-Organizing Map Approach to Classifying Supercell Tornado Environments Using Near-Storm, Low-Level Wind and Thermodynamic Profiles" published in the peer-reviewed *Weather and Forecasting*. As Dr. Nowotarski noted, "Erin is the first undergraduate student who has been productive enough to warrant co-authorship on one of my group's papers..."

Finally, this past summer, Ms. Jones conducted research on a project at NOAA's Atlantic Oceanographic and Meteorological Laboratory/Hurricane Research Division (AOML/HRD) under the direction of Dr. Hui Christophersen and Dr. David Nolan. This project, which was a component of her Ernest Hollings Scholarship, simulated flight-level vertical velocity data with the goal of quantifying spiral gravity waves radiating from tropical cyclones. As part of this research, Ms. Jones participated in flight missions on the NOAA WP-3D Hurricane Hunter. We anticipate another manuscript stemming from this research.

Ms. Jones is a truly exceptional and well-rounded student involved in numerous co-curricular activities. While Dr. DeCaria highlighted five reasons why Ms. Jones stands out from among her peers (persistence, problem-solving skills, hands-on researcher, ability to plan ahead and multitask, and work ethic), he also notes "... one more reason why Erin stands apart from other brilliant students. She is multi-dimensional." Ms. Jones' interests extend well beyond the sciences into the performing arts. She is an accomplished dancer with a passion for pursuing several dance forms. She was a member of the Women's Choir, is an active member of the University's American Meteorological Society (AMS) Student Chapter, and holds elected positions in the Honors College Student Association. Ms. Jones is also articulate and personable. She serves as a peer mentor for both of the previously mentioned student organizations, is lead forecaster for the University's Campus Weather Service, and has given numerous national presentations of her research as well as public presentations to the local community. As Dr. Nowotarski noted, "Both [of her research] presentations drew praise from my colleagues, asking who this superstar was and when she'd be applying to grad school so they could recruit her into their group!" We will be immensely sorry to see her go!

In conclusion, Ms. Jones is an outstanding student scholar, leader, and member of our university community. She is collaborative, sincere, and caring, embodying the very best qualities of a Millersville University student. Through her maturity, self-motivation, inquisitive nature, and clear sense of purpose, she has chartered her own bold path and is prepared to embrace the unknown challenges that await. As Dr. Clark notes, "In my 30 years of undergraduate teaching, mentoring, and supervising research, only a handful of students stand out with the intellectual acumen, motivation, potential, and work ethic of Ms. Erin Jones." Therefore, I am honored to enthusiastically endorse Ms. Erin Jones for the 2019 Syed Ali-Zaidi Award for Academic Excellence.

Sincerely,



Daniel A. Wubah, Ph.D.
President

Enclosures

c: Dr. Vilas A. Prabhu, Provost and Vice President, Academic Affairs
Dr. Michael Jackson, Dean, College of Science and Technology
Dr. James Delle, Associate Provost, Academic Administration
Dr. Richard Clark, Chair, Department of Earth Sciences
Ms. Alice McMurry, Vice President, Advancement

Erin Jones

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Millersville, PA 17551

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Permanent Address:
203 Alvin Dr.
Newark, DE 19702

Personal Statement

As a senior at Millersville University majoring in Meteorology, I have developed analytical and communication skills through my academic program. My research experiences at academic and government institutions highlight my dedication toward my work and my aptitude for increasing my skillset. My creativity and leadership skills have also been enhanced through my extracurricular activities. I look forward to pursuing higher education in the atmospheric sciences to increase my knowledge in the field.

Education

Millersville University of Pennsylvania; Bachelor of Science in Meteorology
Anticipated Graduation: December 2018
4.00 GPA through Spring 2018
Minors: Mathematics
Environmental Hazards and Emergency Management
Newark High School; Valedictorian; June 2015

Academic and Professional Accomplishments

Student Researcher;
2017-2018

- Participated in the Student Experience in Airborne Research in the Mid-Atlantic Region
- Set up instruments, forecasted for the aircraft, and was a student scientist on one of the research flights
- Used data from the project in senior honors thesis working with Dr. Alex DeCaria to study the effects of assimilating local observations on high-resolution model forecasts
- Defended thesis in December 2018

*NOAA Ernest F. Hollings
Scholarship and
Internship; 2017-2018*

- Selected for prestigious scholarship in oceanic and atmospheric science in 2017 during sophomore year
- Internship for the program conducted at NOAA's Atlantic Oceanographic and Meteorological Laboratory/Hurricane Research Division in summer 2018
- Worked with Dr. Hui Christophersen and Dr. David Nolan studying the quantification of spiral gravity waves radiating from tropical cyclones
- Flew on a NOAA P-3 Hurricane Hunter aircraft into Tropical Storm Chris
- Gave oral presentation at NOAA's Science and Research Symposium

*REU Summer
Researcher; 2017*

- Selected to participate in National Science Foundation-sponsored Atmospheric Science in the Gulf Coast Region Research Experience for Undergraduates in summer 2017
- Worked with Dr. Christopher Nowotarski on project producing statistical comparisons and simulations of supercells in environments with varying significant tornado parameters
- Gave poster presentation on research at American Meteorological Society Student Conference and Northeastern Storm Conference
- Published work in *Weather and Forecasting* in June 2018

*Student Researcher;
2016*

- Selected to participate in the Summer Research Program at Hobart and William Smith Colleges in summer 2016
- Worked with Dr. Neil Laird on project studying the contribution of lake-effect snow to annual snowfall totals in the vicinity of Lake Michigan, Lake Erie, and Lake Ontario
- Gave a poster presentation on research at American Meteorological Society Student Conference
- Gave an oral presentation at Northeastern Storm Conference
- Published work in *Journal of Applied Meteorology and Climatology* in July 2018
- Work selected as one of the "Papers of Note" in the *Bulletin of the American Meteorological Society* in September 2018

Publications

*Lang, C.E., J. McDonald, L. Gaudet, D. Doebelin, **E.A. Jones**, and N.F. Laird, 2018: The Influence of a Lake-to-Lake Connection from Lake Huron on the Lake-effect Snowfall in the vicinity of Lake Ontario. *J. Appl. Meteor. Climatol.*, **57**, 1423–1439, <https://doi.org/10.1175/JAMC-D-17-0225.1>

Nowotarski, C.J. and **E.A. Jones**, 2018: Multivariate Self-Organizing Map Approach to Classifying Supercell Tornado Environments Using Near-Storm, Low-Level Wind and Thermodynamic Profiles. *Wea. Forecasting*, **33**, 661–670, <https://doi.org/10.1175/WAF-D-17-0189.1>

*A summary of this work was published in the "Papers of Note" Section in the September 2018 issue of the *Bulletin of the American Meteorological Society*

Presentations

Oral Presentations

Jones, E.A., C.E. Lang, and N.F. Laird, 2017: Contribution of lake-effect to annual snowfall totals in the vicinity of Lakes Michigan, Erie, and Ontario, *Northeastern Storm Conf.*, Saratoga Springs, NY

Poster Presentations

Jones, E.A., and C.J. Nowotarski, 2018: Statistical comparison and simulation of supercells in environments with varying Significant Tornado Parameters, *Northeastern Storm Conf.*, Saratoga Springs, NY

Jones, E.A., and C.J. Nowotarski, 2018: Statistical comparison and simulation of supercells in environments with varying Significant Tornado Parameters, *Made in Millersville*, Millersville, PA

Jones, E.A., and C.J. Nowotarski, 2018: Statistical comparison and simulation of supercells in environments with varying Significant Tornado Parameters, *17th Annual AMS Student Conf.*, Austin, TX, Amer. Meteor. Soc.

Jones, E.A., C.E. Lang, and N.F. Laird, 2017: Contribution of lake-effect to annual snowfall totals in the vicinity of Lakes Michigan, Erie, and Ontario, *Made in Millersville*, Millersville, PA

Jones, E.A., C.E. Lang, and N.F. Laird, 2017: Contribution of lake-effect to annual snowfall totals in the vicinity of Lakes Michigan, Erie, and Ontario, *16th Annual AMS Student Conf.*, Seattle, WA, Amer. Meteor. Soc.

Service and Extracurricular Activities

Honors College Student Association (HCSA);
August 2015—Present

- HCSA is a student-run organization in coordination with the Millersville University Honors College, requires participation in community service activities and monthly meetings
- Elected Officer: Treasurer; June 2018—Present
 - Monitor and inform members about the club's finances
 - Responsible for club's allocated and fundraiser accounts
 - Reimburse members for club-related expenses
 - Keep accurate record of funds
- Honors College Mentor; May 2016—Present
 - Guide a freshman Honors College student through first year
- Elected Officer: Membership Retention Chair; June 2017—May 2018
 - Act as a liaison between members of the club and the elected board
 - Surveyed membership and communicated information to board

American Meteorological Society (AMS) Student Chapter;
August 2015—Present

- Participated in many AMS chapter events including meetings and seminars
- Volunteer for Public Weather Awareness Day (PWAD)
 - PWAD is a yearly event in which the public is invited to Millersville University to learn about meteorology
 - Assisted with preparation for event and ran a table presenting educational activities
- Met-mentor; August 2016—Present
 - Guide a freshman meteorology student through first year and participate in bonding events

Campus Weather Service; August 2015—Present

- Work weekly shift in the Millersville University Weather Information Center to compose and record weather forecasts for the university and surrounding area
- Lead Forecaster; August 2016—Present
 - Train new members and review forecasts before distribution

Expressions Dance;
August 2015—Present

- Participate in three to six dance classes a week
- Perform in dance recital every semester
- Chosen for self-choreographed solo in Fall 2018

- | | |
|--|---|
| <i>Emerald Isle Academy of Irish Dance</i> ; August 2012—Present | <ul style="list-style-type: none"> ▪ Participate in dance classes during university breaks ▪ Perform in yearly recital and local performances ▪ Compete in Irish dance competitions |
| <i>WxChallenge</i> ; September 2015—Present | <ul style="list-style-type: none"> ▪ Participant in national competition ▪ Top ten undergraduate forecaster at university for the previous three years (8 out of 45 students in 2015/16; 3 out of 30 students in 2016/17; and 3 out of 23 students in 2017/18) ▪ In 2017/18—wild card contender for the junior/senior undergraduate level and “Sweet 16” participant for the national tournament |
| <i>National Atmospheric Deposition Program (NADP) Collector</i> ; April 2016—June 2017 | <ul style="list-style-type: none"> ▪ Collect rain samples for NADP ▪ Record and archive information about the quality of the samples |
| <i>Mathematics Tutor</i> ; October—December 2015 | <ul style="list-style-type: none"> ▪ Tutored College Algebra weekly |
| <i>Women's Choir</i> ; August 2015—June 2016 | <ul style="list-style-type: none"> ▪ Participated in two classes a week ▪ Performed in two to three concerts a semester |

Upcoming Work Experience

Science Undergraduate Laboratory Internships (SULI) Intern; Brookhaven National Laboratory; Upton, NY; Starting January 2019

Scholarships

National Scholarships

- American Meteorological Society Senior Named Scholarship: Dickerson Virtual Endowment Scholarship in Meteorology; 2018
- Ernest F. Hollings Undergraduate Scholarship; 2017
- National Weather Association Phillips Family Undergraduate Scholarship for Meteorology; 2017
- American Meteorological Society Freshman Scholarship; 2015
- National Merit Foundation Special Scholarship; 2015
- Washington Crossing Foundation Scholarship; 2015

State Scholarships

- Edward W Cooch Environmental Scholarship; 2015
- Diamond State Scholarship; 2015
- Michael C. Ferguson Achievement Award Scholarship; 2011 and 2013

Local Scholarships

- Dr. Frederick Kutz- Science Scholarship; 2015
- Robert Chambers- Physics Scholarship; 2015
- Ancient Order of Hibernians Scholarship; 2015

University Scholarships

- Henry Bitner Scholarship; 2017 and 2018
- Paul & Caroline Beideman Honors College Scholarship; 2018
- Andrew and Clara Kissh Academic Scholarship; 2015

Grants

University Grants

- Student Grants for Research and Creative Activity; 2016
- Undergraduate Travel Fellowship; 2016
- Textbook Grant; 2015

Awards

National Awards

- Barry Goldwater Scholarship: Honorable Mention; 2018

University Awards

- Millersville University Dean's List; 2015, 2016, 2017, and 2018
- Honors College Academic Achievement Award; 2016, 2017, and 2018
- Partial Differential Equations Course Honors; 2017
- Probability and Statistics Course Honors; 2017
- Expressions Dance Beginner Hip Hop Dance Award; 2017
- Ordinary Differential Equations Course Honors; 2016
- Expressions Dance Modern Dance Award; 2015



Resolution Honoring the Accomplishments of Clarion University of Pennsylvania's Christina Sather

WHEREAS, Christina Sather, competing for Clarion University of Pennsylvania in the National Collegiate Athletic Association (NCAA) Division II Swimming & Diving Championships held in Indianapolis, Indiana, captured first place in the 3-meter dive, winning her second national championship; and

WHEREAS, Christina Sather also finished third in the 1-meter dive, a year after winning the gold medal in the event; and

WHEREAS, with her dual successes this year, Christina Sather earned her seventh and eighth All-America citations in four years of competition; and

WHEREAS, for her outstanding performances at the national championships and throughout the season, Christina Sather was named the College Swimming Coaches Association of America's Division II Women's Diver of the Year for the second year in a row; and

WHEREAS, through all of her accomplishments, Christina Sather showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for Clarion University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Christina Sather for her remarkable accomplishments throughout her outstanding collegiate career and wishes her continued success.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of Millersville University of Pennsylvania's Sunflower Greene

WHEREAS, Sunflower Greene, a senior at Millersville University of Pennsylvania, competed at the National Collegiate Athletic Association (NCAA) Division II Women's Indoor Track and Field Championships held in Pittsburg, Kansas, in an attempt to defend her individual national title in the shot put; and

WHEREAS, Sunflower Greene successfully accomplished the feat, after nearly missing the event finals before outdistancing the field by more than a foot on her third attempt in the competition; and

WHEREAS, with her latest championship performance, Sunflower Greene became only the seventh two-time, NCAA indoor shot put champion since the event began in 1985, and the first since 2012; and

WHEREAS, with her season-long toss of 53 feet, 3 inches, Sunflower Greene became the first female athlete in Millersville University's history to win two individual national titles; and

WHEREAS, Sunflower Greene completed her final season of indoor track and field competition as a three-time All-American, a feat also never before accomplished by a Millersville student-athlete; and

WHEREAS, through her accomplishments, Sunflower Greene showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for Millersville University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Sunflower Greene for her remarkable accomplishments throughout her collegiate career and wishes her continued success.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring Adrianna Marie Branin for her Courageous and Heroic Actions

WHEREAS, Adrianna Marie Branin is a student at Indiana University of Pennsylvania, where she is majoring in both political science and religious studies; and

WHEREAS, Adrianna Marie Branin is a peer educator at The Haven Project, which educates the campus community on the issues of sexual violence, domestic and dating violence, stalking, abusive relationships, human trafficking, and bystander intervention; and

WHEREAS, Adrianna Marie Branin displayed tremendous courage last fall in coming to the defense of a woman who was being harassed and assaulted by as many as eight men; and

WHEREAS, Adrianna Marie Branin rescued the victim from her attackers and brought her to a safe place; and

WHEREAS, in recognition of her actions, Adrianna Marie Branin was presented a 2019 Biden Courage Award by the It's On Us organization, whose mission is to combat sexual assault by encouraging young people to take a stand against such behavior on college campuses and in their communities; and

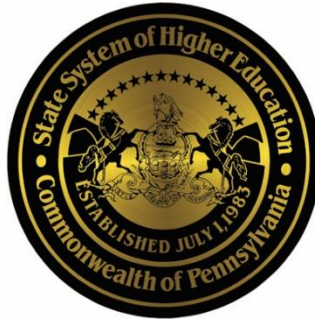
WHEREAS, Adrianna Marie Branin has set an exemplary example for her fellow students and is a source of enormous pride, not only for Indiana University of Pennsylvania, but for the entire State System;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education recognizes Adrianna Marie Branin and expresses its sincere respect and admiration for her courageous and heroic actions; and

BE IT FURTHER RESOLVED, that the Board wishes her the greatest success as she continues her educational pursuits as a student at IUP and beyond.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of Kutztown University of Pennsylvania's Andrew Dunn Jr.

WHEREAS, Andrew Dunn Jr., a redshirt sophomore at Kutztown University of Pennsylvania, competed at the National Collegiate Athletic Association (NCAA) Division II Wrestling Championships held in Cleveland, Ohio, in the 285-pound weight class; and

WHEREAS, Andrew Dunn Jr. won back-to-back close decisions in the championship semi-finals—where he defeated the top-ranked wrestler in the tournament—and finals to become Kutztown University's first wrestling national champion since 2015 and fifth overall; and

WHEREAS, Andrew Dunn Jr.'s individual performance, along with those of three of his teammates who also competed in the national championship tournament, helped the Golden Bears to their first Top 10 national team finish in program history; and

WHEREAS, on his way to the national championship tournament, Andrew Dunn Jr. also won the NCAA Super Region I and Pennsylvania State Athletic Conference championships, going undefeated against Division II opponents during the season; and

WHEREAS, Andrew Dunn Jr. concluded the season with an overall record of 26-2, finishing the year with 18 consecutive wins, and was named an NCAA Division II All-American; and

WHEREAS, through his accomplishments, Andrew Dunn Jr. showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for Kutztown University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Andrew Dunn Jr. for his remarkable accomplishments and wishes him continued success throughout the remainder of his collegiate career.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of Millersville University of Pennsylvania's Shane Ruhnke

WHEREAS, Shane Ruhnke, a senior at Millersville University of Pennsylvania, competed at the National Collegiate Athletic Association (NCAA) Division II Wrestling Championships held in Cleveland, Ohio, in the 165-pound weight class; and

WHEREAS, Shane Ruhnke pinned three of his opponents on the way to the championship match before dominating his final opponent to win the title, becoming Millersville University's first wrestling national champion since 1980 and seventh overall; and

WHEREAS, for his overall performance in the championship event—during which he earned the most points of any of the competitors—Shane Ruhnke was named the tournament's Most Outstanding Wrestler and Most Dominant Wrestler of the Year; and

WHEREAS, Shane Ruhnke, on his way to the national championship, also won the NCAA Super Region I and Pennsylvania State Athletic Conference championships, finishing the season with an overall record of 27-3 and being named an All-American for the second time; and

WHEREAS, Shane Ruhnke concluded his wrestling career at Millersville University with 99 wins, ranking him seventh in program history; and

WHEREAS, through his accomplishments, Shane Ruhnke showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for Millersville University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Shane Ruhnke for his remarkable accomplishments throughout his collegiate career and wishes him continued success.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of the Shippensburg University of Pennsylvania Field Hockey Team

WHEREAS, the Shippensburg University of Pennsylvania field hockey team completed the 2018 season with a “three-peat,” winning its third consecutive National Collegiate Athletic Association Division II national championship, and fourth overall; and

WHEREAS, the team completed its 19-4 season with a 1-0 overtime victory over East Stroudsburg University of Pennsylvania in the national championship game when sophomore Emily Stauffer scored the game’s only goal; and

WHEREAS, Stauffer and three other team members—redshirt-senior Ally Mooney, junior Rosalia Cappadora, and sophomore Jazmin Petrantonio, were named to the 2018 NCAA Division II Championships All-Tournament Team for their outstanding performances during championship weekend; and

WHEREAS, Petrantonio, who scored a single-game record four goals in the championship semi-final against West Chester University of Pennsylvania; and, in just two seasons, broke the career goals record with nine, was the 2018 Longstreth/National Field Hockey Coaches Association Division II National Player of the Year, as well as both the NFHCA Atlantic Region Player of the Year and Pennsylvania State Athletic Conference Athlete of the Year; and,

WHEREAS, Petrantonio, junior Mikayla Cheney, and freshman Jenna Sluymer all were named 2018 Division II All-Americans; and

WHEREAS, the team’s coaching staff, led by second-year head coach Tara Zollinger, was named the 2018 Spideo/NFHCA Division II National Coaching Staff of the Year; and

WHEREAS, the team’s achievements showcased the overall quality of athletics in Pennsylvania’s State System of Higher Education and are a source of pride, not only for Shippensburg University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania’s State System of Higher Education honors this team and its coaches for their continuing success and for their remarkable demonstration of ability, dedication, and athletic sportsmanship.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of West Chester University of Pennsylvania's Nadia Mulder

WHEREAS, Nadia Mulder, a junior at West Chester University of Pennsylvania, competing in the National Collegiate Athletic Association (NCAA) Division II Swimming & Diving Championships held in Indianapolis, Indiana, captured first place in the 1-meter dive; and

WHEREAS, Nadia Mulder, with her achievement, became the first female diver in school history to win a national championship; and

WHEREAS, Nadia Mulder also finished seventh in the 3-meter dive to earn her second All-America citation of the meet, and fourth overall in her three-year collegiate career; and

WHEREAS, her combined performance in the two events helped lead the Golden Rams to a third-place finish among all of the teams in the competition, their highest finish at nationals in more than a decade; and

WHEREAS, through all of her accomplishments, Nadia Mulder showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for West Chester University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Nadia Mulder for her remarkable accomplishments to date and wishes her continued success throughout her collegiate career.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Accomplishments of West Chester University of Pennsylvania's Georgia Wright

WHEREAS, Georgia Wright, a junior at West Chester University of Pennsylvania, competing in the National Collegiate Athletic Association (NCAA) Division II Swimming & Diving Championships held in Indianapolis, Indiana, captured first place in three events, winning her fifth, sixth, and seventh gold medals; and

WHEREAS, Georgia Wright broke the NCAA record in the 1,000-yard freestyle on the first day of the competition, then went on to also win both the 500-yard and 1,650-yard events, leading the Golden Rams to a third-place team finish, their highest in more than a decade; and

WHEREAS, Georgia Wright is now a three-time national champion in both the 1,000-yard and 1,650-yard events, and has earned 10 All-America citations in just three seasons of competition; and

WHEREAS, Georgia Wright, leading up to the NCAA competition, won four individual events at this year's Pennsylvania State Athletic Conference Championships, where she was named the Swimmer of the Meet for the third year in a row; and

WHEREAS, for her consistently outstanding performances throughout the season, Georgia Wright was named the PSAC Swimmer of the Year for the second year in a row after being named Freshman of the Year in her initial season; and

WHEREAS, through all of her accomplishments, Georgia Wright showcased the overall quality of student-athletes in Pennsylvania's State System of Higher Education and is a source of pride, not only for West Chester University of Pennsylvania, but also for the State System as a whole;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education honors Georgia Wright for her remarkable accomplishments to date and wishes her continued success throughout the remainder of her collegiate career.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman

**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”) undertakes 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 net present value savings on the Refunding Bonds equal or exceed 4 percent, and that this authorization will expire June 30, 2020; 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 authorizes 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 percent, and that this authorization will expire June 30, 2020; and be it

RESOLVED, that the Board hereby delegates 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 authorizes pledging the System’s full faith and credit to repayment of the Refunding Bonds, as provided in the Loan Agreement, and hereby authorizes and directs the chancellor or vice chancellor for administration and finance to execute, acknowledge, and deliver, and any Responsible Officer, as defined in the Indenture, 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

Chair of the Board

Date

**Resolution Authorizing the Issuance of 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") issues its State System Revenue Bonds in one or more series of taxable or tax-exempt bonds (the "Bonds") to finance up to \$104.1 million of project cash to pay the costs of (1) replacement of the Kehr Union Building HVAC equipment at Bloomsburg University of Pennsylvania; (2) reimbursement to West Chester University of Pennsylvania of the cost of three parking garage acquisitions from the Borough of West Chester; (3) the current refunding of Series AJ and AK; and (4) contingency and issuance costs (the "Projects"); and

WHEREAS, the Authority will lend the proceeds of the Bonds to the System to finance the costs of the Projects and will pay the expenses incident to issuance of the Bonds; and

WHEREAS, the System may make expenditures relating to clauses (1) through (4) of the definition of the Projects contained above prior to issuance of the Bonds, and the System desires to preserve the ability to reimburse itself with proceeds of the Bonds for any amounts expended for the Projects; and

WHEREAS, the obligation of the System to repay the 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 Bonds pursuant to a Trust Indenture, as supplemented (the "Indenture"), between the Authority and a trustee; and

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

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of the System (the "Board") hereby approves the issuance of the Bonds by the Authority, in an amount in project cash not to exceed \$104.1 million for the Bonds, the proceeds of which will be used to undertake the Projects and pay the costs of issuance of the Bonds; and be it

RESOLVED, that the Board hereby delegates to the chancellor or vice chancellor for administration and finance the power to accept bids for purchase of the Bonds from underwriters and to determine the principal amount of the Bonds to be issued by the Authority, but not in excess of the amount described above, 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 Bonds by the Authority and the System; and be it

RESOLVED, that the Board hereby authorizes the pledging of the System's full faith and credit to repayment of the Bonds, as provided in the Loan Agreement, and hereby authorizes and directs 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 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 Bonds by the Authority, the intent of this Resolution, and the transactions contemplated.

Secretary to the Board

Chair of the Board

Date

Pennsylvania's State System of Higher Education
Taxable/Tax-Exempt Bond Issue History

April 2019

Current Debt Structure

Pennsylvania's State System of Higher Education

Bond Issues

The Series A bonds were issued July 23, 1985, for a par value of \$31.0 million to finance the Indiana University of Pennsylvania cogeneration plant. Scheduled amortization started in June 1988, and was to run through June 1994. Serial interest rates ranged from 6.50 percent to 8.20 percent.

The Series B bonds were issued June 25, 1986, for a par value of \$26.0 million to finance 47 capital projects System-wide. Scheduled amortization started in June 1987 and concluded in June 1994. Serial interest rates ranged from 4.60 percent to 7.10 percent. Series B bonds called for a debt service reserve fund of \$3.9 million to be used to pay the last principal and interest payment. This fund earned an interest rate higher than the cost of borrowing, resulting in realized investment income of \$1 million. Universities with projects that participated in the bond issue received a prorated share of the debt service reserve fund investment income. The Series B issue allowed refinancing of existing capital leases for a savings of \$1.2 million. Also, by financing capital projects, the universities could invest the operating capital in the Short-Term Investment Fund at an interest rate higher than the financing cost, providing investment income and flexibility.

The Series C bonds were issued July 29, 1987, for a par value of \$38.2 million to finance residence halls at Bloomsburg and Kutztown Universities of Pennsylvania and to refund the Series A bonds. Serial interest rates ranged from 4.40 percent to 7.60 percent.

The Series D bonds were issued July 28, 1990, for a par value of \$58.8 million to finance student unions at Clarion, Lock Haven, and Shippensburg Universities of Pennsylvania, and a residence hall at West Chester University of Pennsylvania. This bond issue also provided refinancing of State System internal loans for interest savings of \$1.3 million. The Series D bonds launched the Reimbursement Program, which provided \$17.7 million of capital financing. Serial interest rates ranged from 5.90 percent to 7.15 percent.

The Series E bonds were issued June 27, 1991, for a par value of \$54.8 million to finance student unions at Bloomsburg, California, Clarion, East Stroudsburg, Edinboro, Kutztown, Lock Haven, Millersville, and Shippensburg Universities of Pennsylvania, and a residence hall at West Chester University of Pennsylvania. This bond issue included \$12.3 million of capital reimbursement bonds. Serial interest rates ranged from 4.70 percent to 7.10 percent.

The Series F bonds were issued December 15, 1992, for a par value of \$35.2 million to finance student unions, energy conservation equipment, and the renovation of dining halls at various State System universities. This bond issue provided \$19 million of capital reimbursement bonds. Serial interest rates ranged from 2.70 percent to 6.15 percent.

The Series G bonds were issued December 15, 1992, for a par value of \$14.2 million to refund the Series C bonds maturing on and after September 1, 1996. This refunding issue provided present value savings of \$825,000 to Bloomsburg and Kutztown Universities of Pennsylvania for their student housing projects. Serial interest rates ranged from 2.70 percent to 6.15 percent.

The Series H bonds were issued May 18, 1993, for a par value of \$15.9 million to finance a computer purchase and energy conservation equipment at various State System universities.

This bond issue provided \$13.6 million of capital reimbursement bonds. Serial interest rates ranged from 2.70 percent to 5.80 percent.

The Series I bonds were issued May 18, 1993, for a par value of \$61.4 million to refund the Series D bonds maturing on and after June 15, 1993. This refunding issue provided present value savings of \$2.4 million to various State System universities. Serial interest rates ranged from 2.70 percent to 5.80 percent.

The Series J bonds were issued March 16, 1994, for a par value of \$28.3 million to finance a recreation center, a fiber-optic network, a smokestack and engine retrofit, and student unions at various State System universities. This bond issue provided \$14.4 million of capital reimbursement bonds. Serial interest rates ranged from 3.35 percent to 5.75 percent.

The Series K bonds were issued March 16, 1994, for a par value of \$55.4 million to refund the Series E bonds maturing on and after June 15, 1994. This refunding issue provided present value savings of \$1.8 million to various State System universities. Serial interest rates ranged from 2.95 percent to 5.70 percent.

The Series L bonds were issued July 14, 1994, for a par value of \$45.9 million to finance a recreation center, computer equipment, student housing, and student unions at various State System universities. This bond issue provided \$26.8 million of capital reimbursement bonds. Serial interest rates ranged from 3.75 percent to 6.30 percent.

The Series M bonds were issued March 14, 1995, for a par value of \$35.4 million to finance instructional equipment purchased at Clarion University of Pennsylvania, energy conservation measures at two universities, and renovations to various residence halls and dining facilities at Indiana University of Pennsylvania. This bond issue provided \$29.3 million of capital reimbursement bonds. Serial interest rates ranged from 4.50 percent to 5.98 percent.

The Series N bonds were issued April 2, 1996, for a par value of \$44.5 million to finance construction of a recreation center at Mansfield University of Pennsylvania, renovation of a residence hall at Kutztown University of Pennsylvania and a dining hall at Indiana University of Pennsylvania, installation of a campus-wide fiber-optic network at California University of Pennsylvania, and installation of a PBX phone system at Millersville University of Pennsylvania. This bond issue provided \$30.5 million of capital reimbursement bonds. Serial interest rates ranged from 3.65 percent to 5.85 percent.

The Series O bonds were issued June 25, 1997, for a par value of \$46.7 million to finance construction of a recreation center and student housing at Slippery Rock University of Pennsylvania; road and site utilities development at Indiana University of Pennsylvania; various computer and telecommunication purchases at Clarion, Kutztown, and Millersville Universities of Pennsylvania; and a property acquisition at West Chester University of Pennsylvania. This bond issue provided \$17.7 million of capital reimbursement bonds. Serial interest rates ranged from 3.77 percent to 5.35 percent.

The Series P bonds were issued February 25, 1998, for a par value of \$72.9 million to refund a portion of the Series F bonds and a portion of the Series L bonds maturing on and after December 15, 2002, and June 15, 2004, respectively. This refunding issue provided present value savings of \$3.9 million to the State System. Serial interest rates ranged from 3.50 percent to 4.40 percent.

The Series Q bonds were issued June 30, 1998, for a par value of \$22.7 million to finance construction of a recreation center at Clarion University of Pennsylvania; a dining hall addition at Millersville University of Pennsylvania; a comprehensive electrical upgrade at Shippensburg University of Pennsylvania; various computer and telecommunication purchases at Millersville, Indiana, and Shippensburg Universities of Pennsylvania; and facilities renovations and the acquisition of equipment and furnishings by various State System universities. Serial interest rates ranged from 3.82 percent to 5.05 percent.

The Series R bonds were issued June 17, 1999, for a par value of \$31.1 million to finance an addition to the student center at California University of Pennsylvania, renovation of and addition to the dining facilities at Kutztown University of Pennsylvania, renovation of a library to a student union at Mansfield University of Pennsylvania, purchase and installation of computer and telecommunications equipment at Shippensburg and Clarion Universities of Pennsylvania, purchase and installation of fiber-optic wiring at Clarion University of Pennsylvania, purchase of a building to be used by the Culinary School at Indiana University of Pennsylvania, and facilities renovations at various State System universities. Serial interest rates ranged from 3.40 percent to 5.24 percent.

The Series S bonds were issued June 21, 2000, for a par value of \$51.7 million to finance the design and construction of on-campus apartments at Bloomsburg University of Pennsylvania; design and construction of renovations and additions to the dining accommodations and student union facilities at Kutztown University of Pennsylvania; renovations of student union facilities at California University of Pennsylvania; design and renovation of academic facilities at System universities; purchase and installation of computer and telecommunications equipment at Bloomsburg, Edinboro, and Slippery Rock Universities of Pennsylvania; and purchase of lab equipment at Mansfield University of Pennsylvania. Serial interest rates ranged from 4.54 percent to 5.81 percent.

The Series T bonds were issued July 12, 2001, for a par value of \$69.6 million to finance the design and construction of recreation centers at East Stroudsburg and Lock Haven Universities of Pennsylvania; installation of a central chiller at Indiana University of Pennsylvania; renovation and maintenance of facilities at California University of Pennsylvania; construction of student housing at Bloomsburg University of Pennsylvania; technology initiatives at Clarion, Edinboro, and West Chester Universities of Pennsylvania; installation of residence hall sprinklers; design and renovation of academic facilities at System universities; and a shared administrative computer system. Serial interest rates ranged from 2.50 percent to 5.09 percent.

The Series U bonds were issued August 8, 2002, for a par value of \$14.4 million to finance the Academic Facilities Renovation Program; renovation and maintenance of facilities at Bloomsburg, California, Edinboro, and Mansfield Universities of Pennsylvania; expansion of the fire detection system at Indiana University of Pennsylvania; and design and renovation of a recreation center at East Stroudsburg University of Pennsylvania. Serial interest rates ranged from 1.61 percent to 4.92 percent.

The Series V bonds were issued August 8, 2002, for a par value of \$25.2 million to finance the acquisition and installation of residence hall sprinklers at all of the universities and the continued implementation of the shared administrative computer system. This was the System's first variable rate issue, with terms of 20 years for the sprinklers and 7 years for the shared administrative computer system. Weekly resets of interest rates and monthly payments of interest were established for this issue.

The Series W bonds were issued October 15, 2002, for a par value of \$69.1 million to refund the Series H bonds, the Series J bonds, and the Series M bonds. This refunding issue provided present value savings of \$3.8 million to the State System. Serial interest rates ranged from 1.70 percent to 4.41 percent.

The Series X bonds were issued May 29, 2003, for a par value of \$80.9 million to refund the Series G bonds and the Series I bonds. The refunding issue provided a present value savings of \$6.2 million to the State System. The Series X bonds also issued new money for auxiliary facilities renovations and construction at Bloomsburg, California, Indiana, Kutztown, Mansfield, Millersville, and Shippensburg Universities of Pennsylvania; academic facilities renovation and general campus improvements at Bloomsburg and California Universities of Pennsylvania; installation of fire alarm systems at Indiana University of Pennsylvania; and property acquisitions at East Stroudsburg University of Pennsylvania. Serial interest rates ranged from 0.99 percent to 4.33 percent.

The Series Y bonds were issued June 19, 2003, for a par value of \$25.4 million to finance the acquisition and installation of residence hall sprinklers at all of the universities and the continued implementation of the shared administrative computer system. This was the System's second variable rate issue, with terms of 20 years for the sprinklers and 7 years for the shared administrative computer system. Weekly resets of interest rates and monthly interest payments were established for this issue.

The Series Z bonds were issued March 17, 2004, for a par value of \$71.8 million to refund the Series K bonds and the Series N bonds. The refunding issue provided a present value savings of \$6.6 million to the State System. Serial interest rates ranged from 1.00 percent to 4.43 percent.

The Series AA bonds were issued July 8, 2004, for a par value of \$28.8 million to finance auxiliary facilities renovations and construction at Bloomsburg, California, Indiana, Kutztown, Mansfield, Millersville, and Shippensburg Universities of Pennsylvania; academic facilities renovations and general campus improvements at Bloomsburg, California, and Kutztown Universities of Pennsylvania; energy savings improvements at Shippensburg University of Pennsylvania; installation of fire alarm systems at Indiana University of Pennsylvania; and property acquisitions at East Stroudsburg University of Pennsylvania. Serial interest rates ranged from 1.66 percent to 5.00 percent.

The Series AB bonds were issued July 8, 2004, for a par value of \$21.0 million to finance the acquisition and installation of residence hall sprinklers at all of the universities and the continued implementation of the shared administrative computer system. This was the System's third variable rate issue, with terms of 20 years for the sprinklers and 7 years for the shared administrative computer system. Weekly resets of interest rates and monthly interest payments were established for this issue.

The Series AC bonds were issued July 7, 2005, for a par value of \$52.7 million to finance auxiliary facilities renovations and construction at Bloomsburg, Cheyney, Edinboro, Indiana, Kutztown, Millersville, and Shippensburg Universities of Pennsylvania; academic facilities renovations and general campus improvements at California, Cheyney, Indiana, Kutztown, Shippensburg, and Slippery Rock Universities of Pennsylvania; network equipment upgrade at Clarion University of Pennsylvania; continued installation of fire alarm systems at Indiana University of Pennsylvania; and property acquisitions at East Stroudsburg University of Pennsylvania. Serial interest rates ranged from 2.66 percent to 4.50 percent.

The Series AD bonds were issued July 7, 2005, for a par value of \$7.3 million to finance the acquisition and installation of residence hall sprinklers at all of the universities. This was the System's fourth variable rate issue, with a term of 20 years for the sprinklers. Weekly resets of interest rates and monthly interest payments were established for this issue.

The Series AE bonds were issued July 6, 2006, for a par value of \$103.3 million to finance auxiliary facilities renovations and construction at Bloomsburg, Cheyney, East Stroudsburg, Edinboro, Kutztown, Lock Haven, Millersville, and Shippensburg Universities of Pennsylvania; academic facilities renovations and general campus improvements at East Stroudsburg, Kutztown, and Millersville Universities of Pennsylvania; and energy savings improvements at Edinboro and West Chester Universities of Pennsylvania. Serial interest rates ranged from 3.70 percent to 4.82 percent.

The Series AF bonds were issued July 10, 2007, for a par value of \$68.2 million to finance auxiliary facilities renovations and construction at California, Clarion, East Stroudsburg, Kutztown, Shippensburg, and West Chester Universities of Pennsylvania; Academic Facilities Renovation Program and other academic facilities at East Stroudsburg, Indiana, and Kutztown Universities of Pennsylvania; and energy savings improvements at East Stroudsburg and West Chester Universities of Pennsylvania. Serial interest rates ranged from 3.80 percent to 4.60 percent.

The Series AG bonds were issued March 27, 2008, for a par value of \$101.3 million to refund the Series O bonds, the Series P bonds, and the Series Q bonds. The refunding issue provided a present value savings of \$6.9 million to the State System. Serial interest rates ranged from 2.10 percent to 4.70 percent.

The Series AH bonds were issued July 17, 2008, for a par value of \$140.8 million to finance auxiliary facilities renovations and construction at Bloomsburg, California, Kutztown, Millersville, Shippensburg, Slippery Rock, and West Chester Universities of Pennsylvania; academic facilities at California, East Stroudsburg, Kutztown, and Millersville Universities of Pennsylvania; and energy savings improvements at Bloomsburg, Cheyney, Lock Haven, Mansfield, Millersville, and Slippery Rock Universities of Pennsylvania. Serial interest rates range from 1.75 percent to 4.77 percent.

The Series AI bonds were issued August 7, 2008, for a par value of \$32.1 million to refund the System's variable rate bonds: the Series V bonds, the Series Y bonds, the Series AB bonds, and the Series AD bonds. Serial interest rates range from 2.00 percent to 4.66 percent.

The Series AJ bonds were issued July 9, 2009, for a par value of \$124.0 million to finance auxiliary facilities renovations and construction at Bloomsburg, California, Kutztown, Millersville, Shippensburg, Slippery Rock, and West Chester Universities of Pennsylvania; academic facilities at California, East Stroudsburg, Kutztown, and Millersville Universities of Pennsylvania; and energy savings improvements at Bloomsburg, Cheyney, Lock Haven, Mansfield, Millersville, and Slippery Rock Universities of Pennsylvania. Serial interest rates range from 0.49 percent to 5.17 percent.

The Series AK bonds were issued September 3, 2009, for a par value of \$47.3 million to refund the Series R bonds and the Series S bonds. The refunding issue provided a present value savings of \$4.8 million to the State System. Serial interest rates range from 0.70 percent to 4.00 percent.

The Series AL bonds were issued July 8, 2010, for a par value of \$135.4 million to finance auxiliary facilities renovation and construction at Bloomsburg, Mansfield, Millersville, Shippensburg, Slippery Rock, and West Chester Universities of Pennsylvania; academic facilities renovation and construction at California, East Stroudsburg, Edinboro, Indiana, Kutztown, Millersville, and Shippensburg Universities of Pennsylvania; and student information systems purchase and implementation at California, Clarion, East Stroudsburg, Shippensburg, and Slippery Rock Universities of Pennsylvania. Serial interest rates range from 0.40 percent to 4.50 percent.

The Series AM bonds were issued July 12, 2011, for a par value of \$119.1 million to finance auxiliary facilities renovation and construction at Bloomsburg, Indiana, Lock Haven, Millersville, Shippensburg, Slippery Rock, and West Chester Universities of Pennsylvania; academic facilities renovation and construction at California, East Stroudsburg, and Millersville Universities of Pennsylvania; and student information systems purchase and implementation at East Stroudsburg University of Pennsylvania. Serial interest rates range from 0.27 percent to 4.64 percent.

The Series AN bonds were issued March 20, 2012, for a par value of \$76.8 million to refund the Series U bonds, the Series W bonds, and the Series X bonds. The refunding issue provided a present value savings of \$13.8 million to the State System. Serial interest rates range from 0.25 percent to 2.22 percent.

The Series AO bonds were issued July 8, 2013, for a par value of \$30.9 million to finance (taxable) auxiliary facilities renovation and construction at Indiana University of Pennsylvania, and (tax-exempt) academic facilities renovation and construction at California and Mansfield Universities of Pennsylvania. Taxable serial interest rates range from 0.80 percent to 5.20 percent, and tax-exempt serial interest rates range from 0.28 percent to 4.66 percent.

The Series AP bonds were issued May 7, 2014, for a par value of \$46.1 million to refund the Series Z bonds and the Series AA bonds. The refunding provided a present value savings of \$5.8 million to the State System. Serial interest rates range from 0.30 percent to 2.65 percent.

The Series AQ bonds were issued on May 7, 2015, for a par value of \$95.0 million to current refund, the Series AC bonds and advance refund the Series AE bonds. The refunding provided a present value savings of \$9.1 million to the State System. Serial interest rates range from 0.45 percent to 3.84 percent.

The Series AR bonds were issued September 10, 2015, for a par value of \$102.4 million to finance auxiliary facilities renovation and construction at Bloomsburg, California, and Millersville Universities of Pennsylvania; upgrade of a steam plant at Bloomsburg University of Pennsylvania; and the purchase by California University of Pennsylvania of on-campus student housing from Student Association, Incorporated.

The Series AS bonds were issued June 7, 2016, for a par value of \$47.3 million to advance refund the Series AF bonds. The refunding provided a present value savings of \$7.5 million to the State System. Serial interest rates range from 0.70 percent to 3.22 percent.

The Series AT bonds were issued September 7, 2016, for a par value of \$298.1 million to finance (taxable) auxiliary facilities renovation and construction at Indiana University of Pennsylvania, and (tax-exempt) renovation of an academic facility at Slippery Rock University of Pennsylvania, upgrade of information technology infrastructure at Slippery Rock University of Pennsylvania, upgrade of the steam plant at Bloomsburg University of Pennsylvania,

construction of student housing facilities at Bloomsburg University of Pennsylvania, acquisition of student housing at Lock Haven University of Pennsylvania from Lock Haven University Foundation, acquisition of student housing at Edinboro University of Pennsylvania from Edinboro University Foundation, and acquisition of student housing at Mansfield University of Pennsylvania from Mansfield Auxiliary Corporation.

The Series AU bonds were issued September 14, 2017, for a total par value of \$128.3 million to finance the renovation of academic and athletic facilities at Indiana University of Pennsylvania, renovation of academic facilities at Slippery Rock University of Pennsylvania, construction of a guaranteed energy savings act (“GESA”) project at Slippery Rock University of Pennsylvania, and construction of a parking structure at West Chester University of Pennsylvania. Also included were funds to advance refund most of the Series AH bonds (\$91.6 million) using both tax-exempt and taxable bonds. The refunding provided a present value savings of \$10.8 million and \$1.2 million to the State System, respectively. Serial interest rates range from 0.95 percent to 3.32 percent for the tax-exempt portion and 1.48 percent to 2.92 percent for the taxable portion.

The Series AV bonds were issued September 6, 2018, for a total par value of \$236.9 million to finance the construction of a mixed-use facility at West Chester University of Pennsylvania, the current refunding of Series AG and of most of Series AI, and the acquisition of student housing at Shippensburg University of Pennsylvania from Shippensburg University Student Services, Inc. (SUSSI) using taxable bonds. The refunding provided a present value savings of \$2.4 million or 6.3 percent net present value. Serial interest rates range from 1.63 percent to 3.90 percent for the refunding and new money portion and 2.75 percent to 4.30 percent for the taxable portion.

Of the original \$3.2 billion principal amount issued, through principal repayment and refunding of bond issues, approximately \$1.2 billion is outstanding as of March 1, 2019.

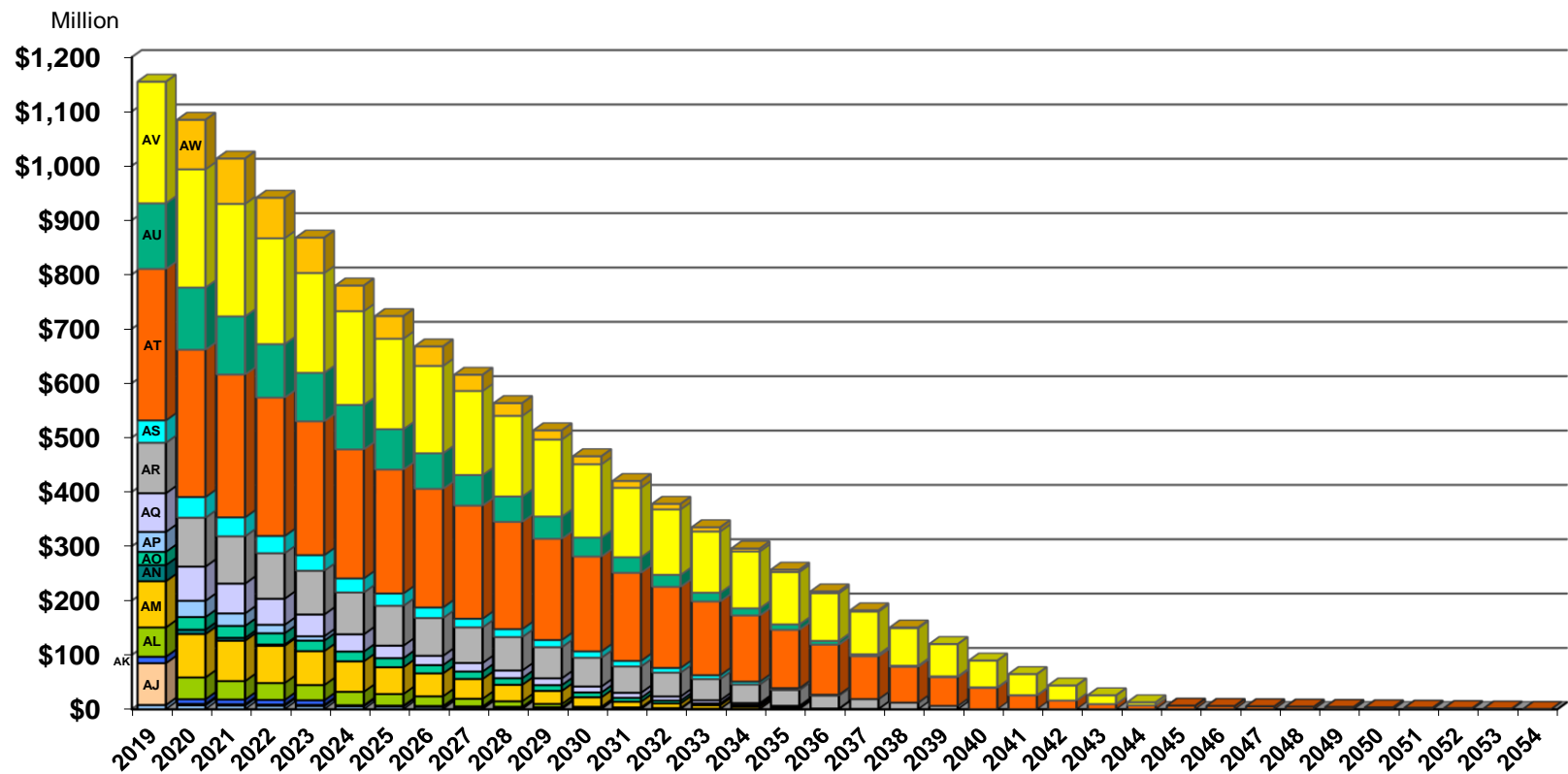
Pennsylvania's State System of Higher Education Bond Issue History

Issue	True Interest Cost	Originally Issued	Original BP Issue	Principal Paid Through 3/1/19	Balance Remaining on State System Books 3/1/19
Series A	7.99%	July 23, 1985	\$31,000,000	\$31,000,000	\$0
Series B	6.67%	June 25, 1986	25,990,000	25,990,000	0
Series C	6.78%	July 29, 1987	38,240,000	38,240,000	0
Series D	7.19%	July 28, 1990	58,800,000	58,800,000	0
Series E	6.93%	June 27, 1991	54,845,000	54,845,000	0
Series F	5.97%	December 15, 1992	35,210,000	35,210,000	0
Series G	5.97%	December 15, 1992	14,170,000	14,170,000	0
Series H	5.54%	May 18, 1993	15,940,000	15,940,000	0
Series I	5.54%	May 18, 1993	61,425,000	61,425,000	0
Series J	5.49%	March 16, 1994	28,285,000	28,285,000	0
Series K	5.49%	March 16, 1994	55,430,000	55,430,000	0
Series L	6.20%	July 14, 1994	45,855,000	45,855,000	0
Series M	5.93%	March 14, 1995	35,395,000	35,395,000	0
Series N	5.86%	April 2, 1996	44,455,000	44,455,000	0
Series O	5.37%	June 25, 1997	46,745,000	46,745,000	0
Series P	4.97%	February 25, 1998	72,880,000	72,880,000	0
Series Q	4.76%	June 30, 1998	22,675,000	22,675,000	0
Series R	5.01%	June 17, 1999	31,050,000	31,050,000	0
Series S	5.49%	June 21, 2000	51,720,000	51,720,000	0
Series T	4.66%	July 12, 2001	69,555,000	69,555,000	0
Series U	4.30%	August 8, 2002	14,400,000	14,400,000	0
Series V	Variable	August 8, 2002	25,200,000	25,200,000	0
Series W	4.31%	October 15, 2002	69,105,000	69,105,000	0
Series X	3.32%	May 29, 2003	80,910,000	80,910,000	0
Series Y	Variable	June 19, 2003	25,350,000	25,350,000	0
Series Z	3.88%	March 17, 2004	71,760,000	71,760,000	0
Series AA	4.45%	July 8, 2004	28,750,000	28,750,000	0
Series AB	Variable	July 8, 2004	20,970,000	20,970,000	0
Series AC	4.14%	July 7, 2005	52,650,000	52,650,000	0
Series AD	Variable	July 7, 2005	7,310,000	7,310,000	0
Series AE	4.57%	July 6, 2006	103,290,000	103,290,000	0
Series AF	4.66%	July 10, 2007	68,230,000	68,230,000	0
Series AG	3.97%	March 27, 2008	101,335,000	101,335,000	0
Series AH	4.43%	July 17, 2008	140,760,000	132,600,000	8,160,000
Series AI	4.13%	August 7, 2008	32,115,000	31,900,000	215,000
Series AJ	4.37%	July 9, 2009	123,985,000	40,545,000	83,440,000
Series AK	3.15%	September 3, 2009	47,310,000	31,075,000	16,235,000
Series AL	3.72%	July 8, 2010	135,410,000	74,945,000	60,465,000
Series AM	4.00%	July 12, 2011	119,085,000	29,090,000	89,995,000
Series AN	1.54%	March 20, 2012	76,810,000	32,815,000	43,995,000
Series AO-1 (Tax-Exempt)	4.20%	July 8, 2013	12,340,000	1,840,000	10,500,000
Series AO-2 (Taxable)	4.73%	July 8, 2013	18,575,000	3,430,000	15,145,000
Series AP	2.34%	May 7, 2014	46,110,000	8,065,000	38,045,000
Series AQ	2.88%	May 7, 2015	94,975,000	16,045,000	78,930,000
Series AR	3.71%	September 10, 2015	102,365,000	6,890,000	95,475,000
Series AS	2.63%	June 7, 2016	47,280,000	2,985,000	44,295,000
Series AT (Tax-Exempt)	3.00%	September 7, 2016	279,050,000	10,615,000	268,435,000
Series AT (Taxable)	3.03%	September 7, 2016	19,060,000	1,385,000	17,675,000
Series AU (New Money)	2.89%	September 14, 2017	36,625,000	1,005,000	35,620,000
Series AU (Tax-Exempt Refund)	2.58%	September 14, 2017	76,490,000	1,095,000	75,395,000
Series AU (Taxable Refund)	2.62%	September 14, 2017	15,145,000	255,000	14,890,000
Series AV (Tax-Exempt New Money/Refund)	3.50%	September 6, 2018	102,345,000	0	102,345,000
Series AV (Taxable)	4.23%	September 6, 2018	134,600,000	0	134,600,000
			\$3,169,360,000	\$1,935,505,000	\$1,233,855,000

System Debt Outstanding by Bond Issue

Fiscal Years Ending 2019–2054

Including Proposed Series AW



Bond Series Indicated by Letter

AH, AI are too small to be represented by a color

PA State System of Higher Education Board of Governors

Page 1 of 4

POLICY 1999-02-A: TUITION

See Also:

Adopted: April 8, 1999

Amended: October 10, 2002, July 14, 2005, October 11, 2007, July 17, 2008, January 20, 2011, January 26, 2017, [and April xx, 2019](#)

A. Purpose

The Board of Governors (Board) has statutory authority to set tuition for Pennsylvania's State System of Higher Education (State System). This policy articulates the basic philosophy, objectives, and guidelines of the State System's tuition structure, providing a common understanding of the basis for establishing tuition for the State System.

This policy is intended to:

- Provide students access to high-value, relevant educational experiences that prepare them for pathways to successful lives and careers.
- Allow State System universities to plan, budget, and allocate resources over multiple years, ensuring their long-term stability and success.
- Keep tuition predictable, enabling students to plan for their educational expenses.
- Provide access to State System universities for a range of qualified students from all socioeconomic backgrounds.
- Recognize and support individual university missions, scope, and program array.

B. Philosophy and Objectives

The State System is responsible for and committed to ensuring that qualified Pennsylvania residents have access to State System universities and quality education at affordable prices. Because the students benefit from the education they receive, they have a responsibility to pay a reasonable share of the costs through tuition. Because Pennsylvania benefits from having an educated citizenry, the state also has a responsibility to bear a substantial portion of the costs through taxpayer support. The State System also has a responsibility to maximize the efficiency of its operations to minimize the cost to taxpayers and students.

Affordability has a different meaning for each individual based on their available financial resources and ability to pay. Student-centered tuition policies must include affordability strategies that focus on the student's ability to pay and net price to the student, with a result of aligning enrollment, aid to students, and net revenue. University-based pricing strategies recognize regional economic differences in costs, household income, cost of living, and average buying power within the region. Such approaches allow each university the flexibility to become unique in its marketplace, ensuring an appropriate array of high-value academic programs, while reducing competition among State System universities.

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Affordability strategies allow universities to maximize their specific strengths and regional opportunities to better serve the citizenry of the Commonwealth.

C. Definitions

- **Basic Tuition Rate**—A tuition rate approved by the Board that is charged to students at universities that do not have a separately approved pricing strategy.
- **Graduate Student**—A student who holds at least a bachelor's or first professional degree and is enrolled at the graduate level, including nondegree students in graduate courses who may or may not be admitted to a graduate degree or certificate program.
- **In-State Student**—A student who is legally domiciled in Pennsylvania, as defined in Board of Governors Policy 1985-03, *Student Domicile Regulations*.
- **Institutional Aid**—University-funded financial assistance to a student for the purpose of undertaking for-credit course work, not to exceed the full cost of attendance less other grant awards. Sources include university restricted and unrestricted gifts, revenue from university endowments, and the university's general (or foregone) revenues; but exclude federal or state grant aid, private scholarships, affiliate scholarships, institutional matches for externally funded student aid grants, loans, tuition waivers as articulated in Board of Governors Policy 1983-18-A: *Waiver of Tuition and/or Fees*, tuition benefits for university employees or their spouses/dependents, or tuition exchange programs.
- **Net Price**—From the perspective of the student, the price the student must pay to the university. Net price is calculated as the student's tuition, fees, room and board, less institutional aid and all other grants, scholarships, and waivers received by the student.
- **Net Revenue**—Gross tuition and fee revenue less total institutional aid.
- **Out-of-State Student**—A student who is not legally domiciled in Pennsylvania, as defined in Board of Governors Policy 1985-03, *Student Domicile Regulations*.
- **Technology Tuition Fee**—A separate tuition fee established by the Board for rendering technology resources and services to enhance student learning experiences.
- **Tuition**—The basic fee established by the Board for rendering educational services, as enumerated in Act 188 of 1982. The technology tuition fee is a form of tuition.
- **Undergraduate Student**—A student in a bachelor's degree program, an associate's degree program, a vocational, technical, or certificate program below the baccalaureate level; or a nondegree-seeking student matriculated in a lower or upper division course.

D. Guidelines

To aid in recruiting and providing students and families with meaningful information on the cost of attending a State System university before the student needs to commit, both the Board, for tuition, and councils of trustees, for fees, shall approve rates as early as possible. Tuition rates will be set annually no later than April 30 for the upcoming two academic years. The tuition rate for the second year, based on the most current three-year average increase in the State System's basic tuition rate, will be set as tentative, with the opportunity to be adjusted no later than April 30 prior to the start of that academic year.

This does not preclude the Board from adjusting rates at a later date due to unforeseen circumstances.

1. In-State Tuition

a. Undergraduate

- 1) The president, in consultation with the council of trustees, and upon concurrence of the chancellor, shall recommend multiyear university tuition strategies for approval by the Board.
 - i. A president's recommendations must include tuition rate(s), rate structure(s), and net price strategies proposed for their university. University tuition strategies may incorporate the wide variety of practices used across the nation in public higher education, but all must include net price strategies to minimize financial barriers to student access and success and net revenue strategies to serve the needs and best interests of the university and the System. The president must develop university procedures for establishing, maintaining, administering, and assessing the university's strategic pricing programs.
 - ii. The chancellor, in consultation with the presidents, will establish the expectations and framework for sharing information in support of university strategic pricing proposals. The framework must include a description of the proposed multiyear pricing strategy, supported by proven strategies founded in research; an analysis of the cost, benefit, and risk to the university based on a range of possible outcomes; and demonstration of adequate administrative capacity, as well as administrative and financial capability.
 - iii. The president will provide to the chancellor periodically an assessment of any in-state tuition strategies that have been approved by the Board. The assessment must address, at a minimum, enrollment, total and net revenue, student access, student affordability, and student success.
- 2) The Board shall approve a basic tuition rate for those universities that do not have an approved pricing strategy. Undergraduate students enrolled in 12–18 credits in a fall or spring semester will be charged a full-time tuition rate, unless otherwise approved by the Board [see section D.1.a.1)]. The full-time rate is equal to the per-credit rate for 12 credits per semester. Undergraduate students enrolled in a fall or spring semester for more than 18 credits will be charged a full-time tuition rate for the first 18 credits and the appropriate per-credit rate for all remaining credits.
- 3) The president may adjust tuition rate(s) to allow the university to establish partnerships with other institutions in collaborative/consortial arrangements. The chancellor, in consultation with the presidents, may adjust tuition rate(s) to allow the State System to establish partnerships with other institutions or entities in collaborative/consortial arrangements.

b. Graduate

- 1) The Board will establish annually basic graduate in-state tuition rate(s) on a per-credit basis that recognizes the higher cost of providing graduate education.

- 2) The president may set alternate graduate tuition rate(s), based upon such factors as the cost of instruction, the level of service provided to the student, market demand, and the level of tuition necessary for the university to offer programs.

2. Out-of-State Tuition

Students from other states and countries who enroll at State System universities add a richness of experience and diversity that benefits all students and their universities. However, those students must pay an additional amount of tuition, which offsets the Commonwealth's contribution intended to subsidize the education of Pennsylvanians. The president will establish annually out-of-state tuition rate(s) in accordance with the statutory requirement for a price differential between in-state and out-of-state tuition.

3. Technology Tuition Fee

- a. The Board will establish annually the technology tuition fee in a manner that is proportional to enrollment and domicile status (in-state/out-of-state).
- b. Technology tuition fee revenues shall be expended on instructional technology. These revenues shall be used for the direct benefit of students to help them achieve the learning objectives of their academic programs.

4. Implementation

The chancellor shall promulgate procedures and standards as necessary to ensure proper implementation of this policy. Amendments approved April 4, 2019 are effective for fall 2020.

POLICY 1999-02-A: TUITION

See Also:

Adopted: April 8, 1999
Amended: October 10, 2002, July 14, 2005, October 11, 2007, July 17, 2008,
January 20, 2011, ~~and~~ January 26, 2017, and April xx, 2019

E. Purpose

The Board of Governors (Board) has statutory authority to set tuition for Pennsylvania's State System of Higher Education (State System). This policy articulates the basic philosophy, objectives, and guidelines of the State System's tuition structure, providing a common understanding of the basis for establishing tuition for the State System.

This policy is intended to:

- Provide students access to high-value, relevant educational experiences that prepare them for pathways to successful lives and careers.
- Allow State System universities to plan, budget, and allocate resources over multiple years, ensuring their long-term stability and success.
- Keep tuition predictable, enabling students to plan for their educational expenses.
- Provide access to State System universities for a range of qualified students from all socioeconomic backgrounds.
- Recognize and support individual university missions, scope, and program array.

F. Philosophy and Objectives

The State System is responsible for and committed to ensuring that qualified Pennsylvania residents have access to State System universities and quality education at affordable prices. Since the students benefit from the education they receive, they have a responsibility to pay a reasonable share of the costs through tuition. Since Pennsylvania benefits from having an educated citizenry, the state also has a responsibility to bear a substantial portion of the costs through taxpayer support. The State System also has a responsibility to maximize the efficiency of its operations to minimize the cost to taxpayers and students.

Affordability has a different meaning for each individual based on their available financial resources and ability to pay. Student-centered tuition policies must include affordability strategies that focus on the student's ability to pay and net price to the student, with a result of aligning enrollment, aid to students, and net revenue. University-based pricing strategies recognize regional economic differences in costs, household income, cost of living, and average buying power within the region. Such approaches allow each university the flexibility to become unique in its marketplace, ensuring an appropriate array of high-value

academic programs, while reducing competition among State System universities. Affordability strategies allow universities to maximize their specific strengths and regional opportunities to better serve the citizenry of the Commonwealth.

B. Definitions

- **Capacity**—The optimum academic year full-time equivalent student enrollment at each university that most efficiently utilizes its facilities and faculty.
- **Cohort**—A specific group of students established for tracking purposes; commonly used in reference to the group of new students enrolling at a university in an academic year.
- **Distance Education**—An educational process in which the instruction occurs with the instructor and student in different locations. Distance education makes use of one or more technologies, including web-conference, to deliver 80 percent or more of the instruction for the course to students who are separated from the instructor and to support interaction between the students and the instructor synchronously or asynchronously.
- **Full-Time Tuition**—The tuition rate charged to undergraduate students enrolled in 12 or more semester credits.
- **Graduate Student**—A student who holds at least a bachelor's or first professional degree and is enrolled at the post-baccalaureate level, including nondegree students in graduate courses who may or may not be admitted to a graduate program.
- **Out-of-State Student**—A student who is not legally domiciled in Pennsylvania, as defined in Board of Governors' Policy 1985-03, *Student Domicile Regulations*.
- **In-State Student**—A student who is legally domiciled in Pennsylvania, as defined in Board of Governors' Policy 1985-03, *Student Domicile Regulations*.
- **Technology Tuition Fee**—A separate tuition fee established by the Board of Governors for rendering technology resources and services to enhance student learning experiences.
- **Tuition**—The basic fee established by the Board of Governors for rendering educational services, as enumerated in Act 188 of 1982. The technology tuition fee is a form of tuition.
- **Undergraduate Student**—A student in a bachelor's degree program, an associate's degree program, a vocational or technical program below the baccalaureate level; or a nondegree-seeking student matriculated in a lower or upper division course.

G. Definitions

- **Basic Tuition Rate**—A tuition rate approved by the Board that is charged to students at universities that do not have a separately approved pricing strategy.
- **Graduate Student**—A student who holds at least a bachelor's or first professional degree and is enrolled at the graduate level, including nondegree students in graduate courses who may or may not be admitted to a graduate degree or certificate program.

- **In-State Student**—A student who is legally domiciled in Pennsylvania, as defined in Board of Governors Policy 1985-03, *Student Domicile Regulations*.
- **Institutional Aid**—University-funded financial assistance to a student for the purpose of undertaking for-credit course work, not to exceed the full cost of attendance less other grant awards. Sources include university restricted and unrestricted gifts, revenue from university endowments, and the university's general (or foregone) revenues; but exclude federal or state grant aid, private scholarships, affiliate scholarships, institutional matches for externally funded student aid grants, loans, tuition waivers as articulated in Board of Governors Policy 1983-18-A: *Waiver of Tuition and/or Fees*, tuition benefits for university employees or their spouses/dependents, or tuition exchange programs.
- **Net Price**—From the perspective of the student, the price the student must pay to the university. Net price is calculated as the student's tuition, fees, room and board, less institutional aid and all other grants, scholarships, and waivers received by the student.
- **Net Revenue**—Gross tuition and fee revenue less total institutional aid.
- **Out-of-State Student**—A student who is not legally domiciled in Pennsylvania, as defined in Board of Governors Policy 1985-03, *Student Domicile Regulations*.
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- **Tuition**—The basic fee established by the Board for rendering educational services, as enumerated in Act 188 of 1982. The technology tuition fee is a form of tuition.
- **Undergraduate Student**—A student in a bachelor's degree program, an associate's degree program, a vocational, technical, or certificate program below the baccalaureate level; or a nondegree-seeking student matriculated in a lower or upper division course.

G. D. Policy Guidelines

To aid in recruiting and providing students and families with meaningful information on the cost of attending a State System university before the student needs to commit, both the Board, for tuition, and councils of trustees, for fees, shall approve rates as early as possible. Tuition rates will be set annually no later than April 30 for the upcoming two academic years. The tuition rate for the second year, based on the most current three-year average increase in the State System's basic tuition rate, will be set as tentative, with the opportunity to be adjusted no later than April 30 prior to the start of that academic year. This does not preclude the Board from adjusting rates at a later date due to unforeseen circumstances.

1. Undergraduate In-State Tuition

- ~~Undergraduate The Board of Governors will establish annually undergraduate in-state tuition rate(s), based primarily on the financial requirements of each university within the System and the Commonwealth's commitment toward meeting those requirements. Secondary consideration will be given to other factors, such as change in enrollment demographics, family income, financial aid availability, inflation, and relative standing in terms of tuition charges at peer institutions of higher education.~~

- 4) The president, in consultation with the council of trustees, and upon concurrence of the chancellor, shall recommend multiyear university tuition strategies for approval by the Board.
- iv. A president's recommendations must include tuition rate(s), rate structure(s), and net price strategies proposed for their university. University tuition strategies may incorporate the wide variety of practices used across the nation in public higher education, but all must include net price strategies to minimize financial barriers to student access and success and net revenue strategies to serve the needs and best interests of the university and the System. The president must develop university procedures for establishing, maintaining, administering, and assessing the university's strategic pricing programs.
- v. The chancellor, in consultation with the presidents, will establish the expectations and framework for sharing information in support of university strategic pricing proposals. The framework must include a description of the proposed multiyear pricing strategy, supported by proven strategies founded in research; an analysis of the cost, benefit, and risk to the university based on a range of possible outcomes; and demonstration of adequate administrative capacity, as well as administrative and financial capability.
- vi. The president will provide to the chancellor periodically an assessment of any in-state tuition strategies that have been approved by the Board. The assessment must address, at a minimum, enrollment, total and net revenue, student access, student affordability, and student success.
- 5) The Board shall approve a basic tuition rate for those universities that do not have an approved pricing strategy. Undergraduate students enrolled in 12–18 credits in a fall or spring semester will be charged a full-time tuition rate, unless otherwise approved by the Board [see section D.1.a.1)]. The full-time rate is equal to the per-credit rate for 12 credits per semester. Undergraduate students enrolled in a fall or spring semester for greater than 18 credits will be charged a full-time tuition rate for the first 18 credits and the appropriate per-credit rate for all remaining credits.
- 6) The president may adjust tuition rate(s) to allow the university to establish partnerships with other institutions in collaborative/consortial arrangements. The chancellor, in consultation with the presidents, may adjust tuition rate(s) to allow the State System to establish partnerships with other institutions or entities in collaborative/consortial arrangements.
- b. ~~Graduate Undergraduate students enrolled in 12–18 credits in a fall or spring semester will be charged a full-time tuition rate, unless otherwise approved by the Board of Governors (see section C.1.e.). The full-time rate is equal to the per-credit rate for 12 credits per semester. Undergraduate students enrolled in a fall or spring semester for greater than 18 credits will be charged a full-time tuition rate for the first 18 credits and the appropriate per-credit rate for all remaining credits.~~
- 3) The Board will establish annually basic graduate in-state tuition rate(s) on a per-credit basis that recognizes the higher cost of providing graduate education.

4) The president may set alternate graduate tuition rate(s), based upon such factors as the cost of instruction, the level of service provided to the student, market demand, and the level of tuition necessary for the university to offer programs.

~~c. The chancellor may adjust undergraduate in-state tuition rate(s) solely to allow the State System to establish partnerships with other institutions in collaborative/consortial arrangements.~~

~~d. The Board of Governors will establish annually undergraduate out-of-state tuition rate(s) at a level to ensure that undergraduate out-of-state students are paying the System's average net cost of education.~~

~~e. The Board of Governors, upon recommendation of the chancellor, may consider alternative in-state and/or out-of-state tuition rate structures for individual universities, based upon such factors as the average net cost of undergraduate education; the goals and objectives of the university and the System; the degree to which universities are at, above, or below student enrollment capacity; the current relationship between pricing, cost, and student demand; the change to student payment amounts; and student affordability.~~

~~Presidents, upon the approval of their council of trustees, may request that the chancellor recommend an alternative tuition rate structure for their university.~~

~~1) Alternative methods of charging tuition may include, but are not limited to:~~

~~a) Charging per-credit tuition regardless of number of credits in which the student is enrolled.~~

~~b) Modifying the range of credits for which the full-time tuition rate is applied.~~

~~c) Charging different tuition rates to different cohort groups.~~

~~2) In addition, out-of-state tuition may be applied differently to out-of-state students based on the following demographic criteria:~~

~~a) Geographic region.~~

~~b) Academic program.~~

~~c) Scholastic and/or extracurricular achievement.~~

~~f. Biennially, the president will provide to the chancellor an assessment of any in-state alternative tuition rate structures that have been approved by the Board of Governors. The assessment must address, at a minimum, enrollment, total and net revenue, student access, student affordability, and student success. Student-centered metrics must include an assessment of demographics, analysis of workforce earnings based on existing national and/or state data sets, and outcomes regarding status and time to degree attainment.~~

2. **Graduate Out-of-State Tuition**

~~a. The Board of Governors will establish annually graduate in-state tuition rate(s) on a per-credit basis that reflect more accurately the System's average cost of graduate education.~~

~~b. The Board of Governors will establish annually the graduate out-of-state tuition rate(s) at a level to ensure that graduate out-of-state students are paying the System's average net cost of graduate education.~~

- ~~c. The chancellor, upon recommendation of the president, has the authority to adjust the graduate tuition rate for specific graduate programs, based upon such factors as the cost of instruction, the level of service provided to the student, and the level of tuition necessary for the university to offer programs.~~

Students from other states and countries who enroll at State System universities add a richness of experience and diversity that benefits all students and their universities. However, those students must pay an additional amount of tuition, which offsets the Commonwealth's contribution intended to subsidize the education of Pennsylvanians. The president will establish annually out-of-state tuition rate(s) in accordance with the statutory requirement for a price differential between in-state and out-of-state tuition.

3. ~~Summer/Winter Session~~ Technology Tuition Fee

~~The chancellor, upon the recommendation of the president, may set alternative tuition rates for summer or winter sessions.~~

- ~~c. The Board will establish annually the technology tuition fee in a manner that is proportional to enrollment and domicile status (in-state/out-of-state).~~
- ~~d. Technology tuition fee revenues shall be expended on instructional technology. These revenues shall be used for the direct benefit of students to help them achieve the learning objectives of their academic programs.~~

4. ~~Distance Education Tuition~~

- ~~a. In-state distance education students, both graduate and undergraduate, will be charged at the appropriate prevailing per-credit resident rate.~~
- ~~b. Out-of-state distance education students, both graduate and undergraduate, will be charged a per-credit tuition of at least 102 percent of the prevailing in-state per-credit tuition rate. Presidents may set the out-of-state distance education per-credit tuition rate on a course-by-course or program-by-program basis.~~
- ~~c. The chancellor, upon recommendation of the president, has the authority to adjust the in-state tuition rate for a particular course or program.~~
- ~~d. This policy applies to students who are charged on a per-credit-hour basis. Full-time undergraduate students continue to pay full-time tuition, if applicable. The president may establish a full-time out-of-state undergraduate distance education rate based upon the per-credit out-of-state distance education rate for students enrolled 100 percent in distance education courses.~~

5. ~~Technology Tuition Fee~~

- ~~a. The Board of Governors will establish annually the technology tuition fee in a manner that is proportional to enrollment and residency status (in-state/out-of-state).~~
- ~~b. Technology tuition fee revenues shall be expended only on instructional technology. These revenues shall be used for the direct benefit of students to help them achieve the learning objectives of their academic programs.~~

6. 4. Implementation

The chancellor shall promulgate procedures and standards as necessary to ensure proper implementation of this policy. Amendments approved April 4, 2019 are effective for fall 2020.



PA State System of Higher Education Board of Governors

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POLICY 1999-02-A: TUITION

See Also:

Adopted: April 8, 1999

Amended: October 10, 2002, July 14, 2005, October 11, 2007, July 17, 2008,
January 20, 2011, and January 26, 2017

A. Purpose

The Board of Governors has statutory authority to set tuition for Pennsylvania's State System of Higher Education. This policy articulates the basic philosophy, objectives, and guidelines of the System's tuition structure, providing a common understanding of the basis for establishing tuition for the State System.

B. Definitions

- **Capacity**—The optimum academic year full-time equivalent student enrollment at each university that most efficiently utilizes its facilities and faculty.
- **Cohort**—A specific group of students established for tracking purposes; commonly used in reference to the group of new students enrolling at a university in an academic year.
- **Distance Education**—An educational process in which the instruction occurs with the instructor and student in different locations. Distance education makes use of one or more technologies, including web-conference, to deliver 80 percent or more of the instruction for the course to students who are separated from the instructor and to support interaction between the students and the instructor synchronously or asynchronously.
- **Full-Time Tuition**—The tuition rate charged to undergraduate students enrolled in 12 or more semester credits.
- **Graduate Student**—A student who holds at least a bachelor's or first professional degree and is enrolled at the post-baccalaureate level, including nondegree students in graduate courses who may or may not be admitted to a graduate program.
- **Out-of-State Student**—A student who is not legally domiciled in Pennsylvania, as defined in Board of Governors' Policy 1985-03, *Student Domicile Regulations*.

- **In-State Student**—A student who is legally domiciled in Pennsylvania, as defined in Board of Governors' Policy 1985-03, *Student Domicile Regulations*.
- **Technology Tuition Fee**—A separate tuition fee established by the Board of Governors for rendering technology resources and services to enhance student learning experiences.
- **Tuition**—The basic fee established by the Board of Governors for rendering educational services, as enumerated in Act 188 of 1982. The technology tuition fee is a form of tuition.
- **Undergraduate Student**—A student in a bachelor's degree program, an associate's degree program, a vocational or technical program below the baccalaureate level; or a nondegree-seeking student matriculated in a lower or upper division course.

C. Policy

1. Undergraduate Tuition

- a. The Board of Governors will establish annually undergraduate in-state tuition rate(s), based primarily on the financial requirements of each university within the System and the Commonwealth's commitment toward meeting those requirements. Secondary consideration will be given to other factors, such as change in enrollment demographics, family income, financial aid availability, inflation, and relative standing in terms of tuition charges at peer institutions of higher education.
- b. Undergraduate students enrolled in 12–18 credits in a fall or spring semester will be charged a full-time tuition rate, unless otherwise approved by the Board of Governors (see section C.1.e.). The full-time rate is equal to the per-credit rate for 12 credits per semester. Undergraduate students enrolled in a fall or spring semester for greater than 18 credits will be charged a full-time tuition rate for the first 18 credits and the appropriate per-credit rate for all remaining credits.
- c. The chancellor may adjust undergraduate in-state tuition rate(s) solely to allow the State System to establish partnerships with other institutions in collaborative/consortial arrangements.
- d. The Board of Governors will establish annually undergraduate out-of-state tuition rate(s) at a level to ensure that undergraduate out-of-state students are paying the System's average net cost of education.
- e. The Board of Governors, upon recommendation of the chancellor, may consider alternative in-state and/or out-of-state tuition rate structures for individual universities, based upon such factors as the average net cost of undergraduate education; the goals and objectives of the university and the System; the degree to which universities are at, above, or below student enrollment capacity; the current relationship between pricing, cost, and student demand; the change to student payment amounts; and student affordability.

Presidents, upon the approval of their council of trustees, may request that the chancellor recommend an alternative tuition rate structure for their university.

- 1) Alternative methods of charging tuition may include, but are not limited to:
 - a) Charging per-credit tuition regardless of number of credits in which the student is enrolled.
 - b) Modifying the range of credits for which the full-time tuition rate is applied.
 - c) Charging different tuition rates to different cohort groups.
- 2) In addition, out-of-state tuition may be applied differently to out-of-state students based on the following demographic criteria:
 - a) Geographic region.
 - b) Academic program.
 - c) Scholastic and/or extracurricular achievement.
- f. Biennially, the president will provide to the chancellor an assessment of any in-state alternative tuition rate structures that have been approved by the Board of Governors. The assessment must address, at a minimum, enrollment, total and net revenue, student access, student affordability, and student success.

Student-centered metrics must include an assessment of demographics, analysis of workforce earnings based on existing national and/or state data sets, and outcomes regarding status and time to degree attainment.

2. Graduate Tuition

- a. The Board of Governors will establish annually graduate in-state tuition rate(s) on a per-credit basis that reflect more accurately the System's average cost of graduate education.
- b. The Board of Governors will establish annually the graduate out-of-state tuition rate(s) at a level to ensure that graduate out-of-state students are paying the System's average net cost of graduate education.
- c. The chancellor, upon recommendation of the president, has the authority to adjust the graduate tuition rate for specific graduate programs, based upon such factors as the cost of instruction, the level of service provided to the student, and the level of tuition necessary for the university to offer programs.

3. Summer/Winter Session Tuition

The chancellor, upon the recommendation of the president, may set alternative tuition rates for summer or winter sessions.

4. Distance Education Tuition

- a. In-state distance education students, both graduate and undergraduate, will be charged at the appropriate prevailing per-credit resident rate.
- b. Out-of-state distance education students, both graduate and undergraduate, will be charged a per-credit tuition of at least 102 percent of the prevailing in-state

per-credit tuition rate. Presidents may set the out-of-state distance education per-credit tuition rate on a course-by-course or program-by-program basis.

- c. The chancellor, upon recommendation of the president, has the authority to adjust the in-state tuition rate for a particular course or program.
- d. This policy applies to students who are charged on a per-credit-hour basis. Full-time undergraduate students continue to pay full-time tuition, if applicable. The president may establish a full-time out-of-state undergraduate distance education rate based upon the per-credit out-of-state distance education rate for students enrolled 100 percent in distance education courses.

5. Technology Tuition Fee

- a. The Board of Governors will establish annually the technology tuition fee in a manner that is proportional to enrollment and residency status (in-state/out-of-state).
- b. Technology tuition fee revenues shall be expended only on instructional technology. These revenues shall be used for the direct benefit of students to help them achieve the learning objectives of their academic programs.

6. Implementation

The chancellor shall promulgate procedures and standards as necessary to ensure proper implementation of this policy.



PA State System of Higher Education Board of Governors

Effective: January 11, 2001

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POLICY 1984-08-A-R:BOARD OF GOVERNORS' SCHOLARS PROGRAM

See Also:

Adopted: June 19, 1984

Amended: October 15, 1985; January 12, 1989; and January 11, 2001

Rescinded: [April xx, 2019](#)

~~A. Purposes~~

- ~~1. Each university is authorized to waive basic fees or tuition for not more than two percent of the university's full time equivalent enrollment.~~
- ~~2. The chancellor is authorized to grant individual university requests to extend up to 1/10 percent additional Board of Governors' scholarships to participants in articulation partnerships with underserved school districts, and for participants in the State System Partnership program.~~

~~B. Procedures~~

~~The following procedures are applicable to the Board of Governors Scholarship Program:~~

- ~~1. A university's maximum allotment of waivers under this policy will include all students enrolled at any one time but will exclude all students receiving waivers under any other program providing basic fee or tuition waivers.~~
- ~~2. Waivers will be granted to serve the needs and best interests of the university and its undergraduate resident students and will include, but not be limited to, fulfillment of desegregation plan commitments, minority students, academics, leadership, and performing arts. Beginning in spring 2001, at least 50 percent of the waivers that a university grants beyond one percent will be used to help increase the numbers of resident students enrolled as mathematics, science, or technology majors, or in other areas identified as high need, including math and science education and teacher preparation programs designed to serve urban or rural communities. No waivers will be granted for athletics.~~
- ~~3. Waivers will be reviewed and decisions made on renewals each academic year.~~

- ~~4. Each university will develop criteria and procedures for the award of waivers, which will be disseminated within the university community. A copy of the university criteria and procedures will be filed in the Office of the Chancellor for review. For each recipient, all Pell, PHEAA, and other aid should be exhausted and the difference then waived.~~
- ~~5. At the beginning of each semester or session, each university president (or designee) will submit to the chancellor a list of undergraduate resident students who have been awarded waivers including the names, addresses, classifications, and majors of the students and the reasons for or categories of waivers.~~
- ~~6. The two percent figure to be used in determining the number of available waivers for any current academic year will be based upon the university's full-time equivalent enrollment for the fall semester of the preceding academic year. Each university will submit the aforementioned full-time equivalent enrollment figure to the chancellor or his/her designee as quickly as possible following closure of the fall registration period. No commitments for waivers will be granted until the enrollment figure has been submitted to the chancellor.~~
- ~~7. No other fees will be waived under the terms of this policy.~~
- ~~8. This program will be in effect under the above procedures, January 11, 2001, and will continue, subject to periodic Board review to determine its continuing effectiveness.~~

Policy 1996-01-~~A~~R: *Sources of Funding for University Scholarships*

See Also:

Adopted: January 18, 1996
Amended: April 2, 2009; January 20, 2011; April 10, 2014; April 7, 2016; and
November 13, 2017
Rescinded: April xx, 2019

~~A.~~ **Purpose**

~~To provide flexibility for universities to award institutional scholarships from unrestricted funds. This policy does not apply to scholarships supported by restricted funding sources.~~

~~B.~~ **Definitions**

~~**Institutional scholarships**—University-funded financial assistance to a student for the purpose of undertaking for credit course work not to exceed the full cost of attendance less other grant awards.~~

~~**Instructional fees**—Mandatory fees that may be used to support general instructional operations and academic facilities needs. These fees may be used to cover unusual costs of certain special programs such as music instruments, practica, instructional equipment, required course/university tests and examinations, laboratory supplies, course-required field trips, student teaching, clinical experiences, or related activities.~~

~~**Need-based institutional scholarships**—Institutional scholarships for which eligibility is based upon an analysis of financial need, to include information reported in the Free Application for Federal Student Aid (FAFSA).~~

~~**Restricted funds**—Resources received with purpose restrictions imposed by a donor or an agency outside the State System. The funds must be expended according to the specific directions of the donor or external agency. Examples of entities that can cause funds to be classified as restricted are the Commonwealth of Pennsylvania and its agencies, the federal government, and corporate or individual donors. Unrestricted funds have no restrictions placed on them by donors or external agencies.~~

~~C.~~ **Administration of Need-Based Institutional Scholarships**

- ~~1. Need-based institutional scholarships may be granted to students who meet the following criteria:~~

- ~~a. Domiciled in Pennsylvania.~~
 - ~~b. Have completed the FAFSA for the award year.~~
 - ~~c. Have demonstrated financial need.~~
 - ~~d. The total financial aid awarded does not exceed the cost of attendance.~~
- ~~2. Presidents must develop university procedures for establishing, maintaining, and administering a need-based institutional scholarship fund. University procedures must include funding expectations, not to exceed 10.0 percent of the prior year's gross tuition and fee revenue, or higher limits if established by the chancellor. University procedures must be approved by the university council of trustees.~~

~~D. Funding of Institutional Scholarships that are Not Based on Need~~

~~— Subject to the recommendation of the president and approval of the university council of trustees, as part of the annual university budget approval process, the following sources of *unrestricted* revenue may be used to fund institutional scholarships that are not based on need:~~

- ~~1. Gifts.~~
- ~~2. Unrestricted endowment income.~~
- ~~3. Corporate sponsorship.~~
- ~~4. Camp, conference, and similar event income (net of expenditure).~~
- ~~5. Net revenue from athletic concessions, snack vending machines, and licensing royalties.~~
- ~~6. Up to 10.0 percent of the prior year's gross nonresident tuition and fee revenue, or higher limits if established by the chancellor.~~
- ~~7. Other sources of revenue, as approved by the chancellor.~~

~~E. Restricted Scholarship Funds~~

~~— Nothing herein shall be deemed to govern the awarding of scholarships that are based on sources of funding which are specifically restricted for that purpose by an external source or donor.~~

~~F. Administration~~

~~The chancellor shall promulgate procedures and standards for the administration of this policy, which may include increases to the amount of unrestricted funds available for institutional scholarships.~~

Attachment 1

Proposed FY 2019/20 E&G Appropriation Allocation

Assumes the enacted FY 2019/20 Commonwealth General Fund Budget will provide the Governor's recommended \$475.1 million in appropriations for Pennsylvania's State System of Higher Education. If the enacted funding level differs, the Board may revise the allocation at a subsequent meeting.

	Proposed FY 2019/20 Appropriation
Universities (Same as 2018/19 allocation)*	
Bloomsburg	\$37,575,747
California	33,442,584
Cheyney	13,205,930
Clarion	25,939,282
East Stroudsburg	28,121,647
Edinboro	27,958,861
Indiana	54,846,695
Kutztown	36,601,617
Lock Haven	25,189,876
Mansfield	17,683,846
Millersville	34,446,907
Shippensburg	30,675,302
Slippery Rock	38,926,348
West Chester	56,936,541
Subtotal, Universities	\$461,551,183
System-wide Initiatives (See Attachment 2)	
Increase recommended by Governor	\$7,778,278
Dixon University Center	1,301,000
Chincoteague Bay Field Station	1,078,481
Office of Internal Audit and Risk Assessment	749,154
System Reserve Replenishment	300,000
Subtotal, System-wide Initiatives	\$11,206,913
Office of the Chancellor	2,371,904
Total Appropriation	\$475,130,000

**University amounts reflect combined allocations from the base formula and performance funding.*

**Pennsylvania's State System of Higher Education
Funding of System-Wide Initiatives**
As Proposed for the Fiscal Year 2019/20 E&G Appropriation

Increase Recommended by the Governor \$7,778,278

Dixon University Center Academic Consortium \$1,301,000

The administrative and physical support for the academic programming performed at Dixon University Center has been partially funded through the E&G appropriation for many years. The FY 2018/19 appropriation of \$1,301,000 provided for continuation of academic services and associated maintenance of the Dixon University Center site. Based on a review of its revenue-generating capabilities, expenditures and services provided, it is recommended that the allocation for the Dixon University Center be continued at the same level as funded in 2018/19.

Chincoteague Bay Field Station..... \$1,078,481

The Chincoteague Bay Field Station, founded in 1968 by three Pennsylvania state colleges, is managed by a consortium that is primarily comprised of System universities. It provides students field experiences across a variety of disciplines. The Field Station's main campus, located at Wallops Island, Virginia, underwent a \$15 million revitalization of its education center and dormitories, which was financed with System bonds as approved by the Board of Governors on April 10, 2008, and for which debt service was paid by three System universities through FY 2017/18. In March 2017, the Board was notified of the consortium's interest in seeking new ownership for the Field Station due to the cost of operating the enterprise, including debt service obligations. As these facilities have supported various academic and research initiatives of most System universities, the associated debt service began to be funded directly from the System's E&G appropriation in 2018/19, while the consortium actively seeks to divest itself from the property.

Office of Internal Audit and Risk Assessment..... \$749,154

The Office of Internal Audit and Risk Assessment (OIARA) is responsible for facilitating risk assessment activities and, in turn, structuring and executing an internal audit plan based on high-risk areas. The Board's Audit and Compliance Committee approved the 2019/20 proposed OIARA budget of \$912,952 at its meeting on March 26, 2019. It is recommended that this combined budget be funded at \$749,154, as \$163,798 remains from the previous year's allocation primarily due to savings from a vacancy.

Replenishment of the System Reserve \$300,000

Board of Governors Policy 1984-07-A: *System Reserve Allocation and Expenditure Criteria*, establishes a \$1.5 million Board reserve for items of System-wide importance and value. The reserve must be fully replenished annually. Expenses against the reserve include presidential searches and official residence renovations. The total required replenishment of the System Reserve for 2019/20 is currently estimated at \$300,000, based on projected expenditures through June 30, 2019, but may be adjusted based on actual expenditures. The amount to be replenished is net of interest earnings.

Anticipated 2018/19 System Reserve Expenditures*

Presidential Searches (Edinboro, Mansfield)	\$170,000
Mansfield University's Official Residence Renovation	<u>150,000</u>
Total Anticipated Fiscal Year 2018/19 Expenditures	\$320,000

** If actual expenditures through year-end require adjustments to the System Reserve allocation, a corresponding adjustment may be made to the Investment Pool.*



Resolution Honoring the Contributions of Joar Dahn to the Board of Governors

WHEREAS, Joar Dahn provided excellent service as a member of the Board of Governors of Pennsylvania's State System of Higher Education, beginning with his appointment by Governor Tom Wolf in June 2018; and

WHEREAS, Joar Dahn, while working toward a degree in political science at Bloomsburg University of Pennsylvania, distinguished himself as a student leader—serving as president of the Community Government Association as well as president of the Class of 2019; and

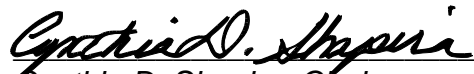
WHEREAS, Joar Dahn also served as president of the African Student Association at Bloomsburg University, and as a member of the Bloomsburg University Foundation; and

WHEREAS, Joar Dahn received numerous awards and honors while a student at Bloomsburg, including the Bloomsburg University Legacy of Leadership Award and the International Student Association Award for Excellence; and

WHEREAS, Joar Dahn was a thoughtful, dedicated, and accessible member of the Board of Governors throughout his tenure, representing State System students with distinction;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education does acknowledge Joar Dahn's many fine contributions to the Board and to the entire State System; and extends best wishes to him in all of his future endeavors as a future alumnus of Bloomsburg University of Pennsylvania.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Contributions of Rodney Kaplan Jr. to the Board of Governors

WHEREAS, Rodney Kaplan Jr. provided excellent service as a member of the Board of Governors of Pennsylvania's State System of Higher Education, beginning with his appointment by Governor Tom Wolf in June 2018; and

WHEREAS, Rodney Kaplan Jr., while working toward degrees in political science and economics at West Chester University of Pennsylvania, where he was enrolled in the Honors College, distinguished himself as a student leader—serving as president of the Student Government Association; and

WHEREAS, Rodney Kaplan Jr. also served as a member of the Board of Directors of Student Services Inc., and as a community senator for SGA since 2015, acting as a liaison between the organization and the Borough of West Chester; and

WHEREAS, Rodney Kaplan Jr. has been a member of the Friars' Society of West Chester University, for which he designed and implemented volunteer projects to benefit both the campus and community; and

WHEREAS, Rodney Kaplan Jr. was a thoughtful, dedicated, and accessible member of the Board of Governors throughout his tenure, representing State System students with distinction;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education does acknowledge Rodney Kaplan Jr.'s many fine contributions to the Board and to the entire State System; and extends best wishes to him in all of his future endeavors as a future alumnus of West Chester University of Pennsylvania.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Contributions of Brian Swatt to the Board of Governors

WHEREAS, Brian Swatt provided excellent service during his two years as a member of the Board of Governors of Pennsylvania's State System of Higher Education, beginning with his appointment by Governor Tom Wolf in January 2017; and

WHEREAS, Brian Swatt, while working toward a degree in economics at Indiana University of Pennsylvania, distinguished himself as a student leader—serving as president of IUP's Student Government Association and as a member of the College Republicans and Kappa Sigma fraternity; and

WHEREAS, Brian Swatt, as SGA president, also served as a member of the IUP CO-OP Board of Directors, and was an IUP Ambassador; and

WHEREAS, Brian Swatt, in his role as a student leader and chair of the Board of Student Government Presidents, appeared before both the state House and Senate Appropriations Committees—testifying and advocating on behalf of all students in the State System and the 14 universities; and

WHEREAS, Brian Swatt was a thoughtful, dedicated, and accessible member of the Board of Governors throughout his tenure, representing State System students with distinction;

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education does acknowledge Brian Swatt's many fine contributions to the Board and to the entire State System; and extends best wishes to him in all of his future endeavors as a future alumnus of Indiana University of Pennsylvania.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman



Resolution Honoring the Contributions of Kenn Marshall to the State System

WHEREAS, Kenn Marshall has provided excellent service for more than two decades as a trusted member of the Office of the Chancellor and in service to the Board of Governors of Pennsylvania's State System of Higher Education; and

WHEREAS, Kenn Marshall, as media relations manager and spokesperson for the Board of Governors and Chancellor, has been a consistent, unflappable public voice for the State System and its students; and

WHEREAS, Kenn Marshall has the distinction of well and faithfully serving every Board of Governors chairperson and every Chancellor of Pennsylvania's State System of Higher Education with a steady hand, a creative mind, and an endless—seemingly infallible—institutional memory; and

WHEREAS, Kenn Marshall—a proud alumnus of Indiana University of Pennsylvania—has been an unwavering and impassioned advocate for the State System and the transformational impact its 14 universities have on the lives of its 100,000 students; and

NOW, THEREFORE, BE IT RESOLVED, that the Board of Governors of Pennsylvania's State System of Higher Education does acknowledge the many outstanding contributions of Kenn Marshall to the Board and to the entire State System;

BE IT FURTHER RESOLVED, that the Board of Governors hereby declares today—April 4, 2019—as "Kenn Marshall Day" across the State System in honor of his dedicated service.

Unanimously adopted by the Board
April 4, 2019


Cynthia D. Shapira, Chairwoman