

MINUTES OF MEETING

BOARD OF TRUSTEES

VOLUME 311

May 3, 2019

A meeting of the Board of Trustees was held in Dean's Hall of the Penn Stater Hotel and Conference Center, University Park, PA, at 1:00 p.m. on May 3, 2019.

The following Trustees were present: Dambly (chairman), Schuyler (vice chairman), Barron, Amoros, Brown, Casey, Cotner, Delligatti, Detwiler, Dietrich, Doran, Dunn, Fenza, Han, Harpster, Hartzler, Hoeschele, Hoffman, Jubelirer, Kleppinger, Lubert, Masser, Oldsey, Paterno, Pope, Potts, Rapp, Redding, Rivera, Schneider, Short, Stanell, and Tribeck. The Governor's non-voting representative, Mr. Shipley, was also in attendance.

Present by invitation were Faculty Senate members Bérubé, Rowland, Seymour, Taylor, and Woessner; student representatives Godbey, Griggs, McKinney, and Tierney; representative Wagman; and staff members Andrews, Barbour, Bieschke, Bundy, Dunham, Goffe, Gray, Guadagnino, Hanes, Hillemeier, Huston, Jones, Kubit, Lokman, Moore, Mulroy-Degenhart, Pangborn, Sharkey, Sims and Whitehurst.

Chair Dambly called the meeting to order and noted that the Board met in Executive Session earlier in the day to discuss various privileged matters. He noted the recent election of University Faculty Senate leaders: Chair Nicholas Rowland, Chair-Elect Elizabeth Seymour, and Secretary Judy Ozment; and the elections of student government leaders: University Park Undergraduate Association President Laura McKinney and Vice President Jake Griggs; Commonwealth Council of Student Governments President Kenneth Gatten and Vice President Ryan Godbey; and Graduate and Professional Student Association President Claire Kelling, and Vice President Charles Tierney. Chair Dambly welcomed the University's Vice President for Human Resources, Lorraine Goffe, who began her position on March 1, 2019. He then thanked Neil Sharkey for his service as Vice President for Research; Sharkey will retire from the University on June 30, 2019. Chair Dambly announced that Clarence Lang has accepted the position of Dean of the College of the Liberal Arts, effective July 1, 2019. Finally, Chair Dambly noted the successful representation of the University Park and the Commonwealth Campuses at Capital Day on March 20, 2019, in Harrisburg, thanking students and leadership for their participation in this important event.

Chair Dambly then introduced student-athletes representing championship NCAA teams, who shared reflections on their time at Penn State with the Board. Representing women's track and field was Danae Rivers; Ally McHugh represented women's swimming and diving; Karol Metryka represented men's fencing; and Anthony Cassar, Jason Nolf, and Bo Nickal represented wrestling. Also present were coaches Wes Glon, Cael Sanderson, Tim Murphy, and John Gondak; and athletic administrators Charmelle Green, Dave Baker, and Jenn James.

Janine Andrews, Associate Secretary of the Board, reported that all Trustees but Dandrea, Pegula, Steele and Wolf were in attendance. Chair Dambly noted that the number present for a quorum was satisfied and proceeded with the meeting.

Action Items – Consent Agenda

Chair Dambly noted that Action Items presented in the Consent Agenda had been bundled for the sake of efficiency, but that each Trustee was entitled to request that any item be discussed and voted on individually. No such requests were made. The Committee on Finance, Business and Capital Planning recommended that the Board of Trustees approve resolutions C-J. The Committee on Governance and Long-Range Planning recommended that the Board of Trustees approve resolution K. A motion to approve each of the following Action Items, A-K, was seconded and approved by the Board:

- A. Approval of the *Minutes* of the meetings of the Board held on February 22, 2019.

B. Approval of Proposed Appointment of Directors for Penn State Health Board

RESOLVED, That the following persons be appointed to the Board of Directors of Penn State Health, for a one-year term commencing July 1, 2019:

Eric J. Barron	Mark H. Dambly
Clifford G. Benson, Jr.	David J. Gray
Timothy P. Brown	Keith E. Masser
Peter N. Carlino	Peter G. Tombros
Kathleen L. Casey	

C. Consideration of Proposed Interim Operating Budget for the University for the Fiscal Year Beginning July 1, 2019

RESOLVED, That pending adoption of a new budget to reflect clarification of the amount and form of the State appropriation, and subsequent decisions regarding the amount of tuition charges, adjustments to salaries, wages, and employee benefits, and provisions for fuel and utilities and other cost increases, the Board of Trustees approves continuation for the interim period beginning July 1, 2019, total budget amounts at the level of the adjusted 2018-19 budget as follows:

	University Park and Other Locations	College of Medicine	Pennsylvania College of Technology	Total University
General Funds	\$ 2,508,326,000	\$ 178,865,000	\$ 115,501,000	\$ 2,802,692,000
Agricultural Federal Funds	21,885,000			21,885,000
Restricted Funds	587,361,000	95,000,000	12,524,000	694,885,000
Auxiliary Enterprises ^a	459,263,000	3,758,000	28,373,000	491,394,000
Total	\$ 3,576,835,000	\$ 277,623,000	\$ 156,398,000	\$ 4,010,856,000
Penn State Health System				2,498,043,000
Total Funds				\$ 6,508,899,000

^a Includes increase in room and board charges as approved by the Board of Trustees, February 22, 2019.

D. Proposed Appointment of an Architect, Arboretum Art Museum, University Park

RESOLVED, That the Officers of the University are authorized to employ Allied Works Architecture of Portland, Oregon, to design the Arboretum Art Museum at University Park.

FURTHER BE IT RESOLVED, Final plans for the project will be brought to the Board of Trustees for approval when designed and costs have been established.

- E. Proposed Appointment of an Architect, Lasch Football Building/Holuba Hall/Nittany Outdoor Football Practice Fields Renovations, University Park

RESOLVED, That the Officers of the University are authorized to employ HOK of Philadelphia, Pennsylvania, to design the Lasch Football Building, Holuba Hall, and Nittany Outdoor Football Practice Fields Renovations at University Park.

FURTHER BE IT RESOLVED, Final plans for the project will be brought to the Board of Trustees for approval when designed and costs have been established.

- F. Proposed Appointment of an Architect, Erie Hall, Penn State Behrend

RESOLVED, That the Officers of the University are authorized to employ Sasaki Associates of Watertown, Massachusetts, to design Erie Hall, Penn State Behrend.

FURTHER BE IT RESOLVED, Final plans for the project will be brought to the Board of Trustees for approval when designed and costs have been established.

- G. Proposed Final Plan Approval and Authorization to Expend Funds, West Campus Steam Plant Combined Heat and Power System Expansion, University Park

RESOLVED, That the final plans for the West Campus Steam Plant Combined Heat and Power System Expansion, as designed by McGough Construction Company of St. Paul, Minnesota, are approved.

FURTHER BE IT RESOLVED, That authorization to expend funds to accomplish the project is approved in the amount of \$49,000,000.

- H. Proposed Authorization to Expend Funds, Lofstrom Library Renewal, Penn State Hazleton

WHEREAS, Article V, Section 5.09(a)(iii)(7) requires the approval of the Board of Trustees for capital projects under \$10 million in cost that are bond-financed, and

WHEREAS, The proposed Lofstrom Library Renewal is recommended by the Administration to be funded with bond financing;

THEREFORE, BE IT RESOLVED, That authorization to expend funds for the Mary M. and Bertil E. Lofstrom Library Renewal, as designed by KSS Architects of Philadelphia, Pennsylvania, is approved in the amount of \$7,600,000.

- I. Proposed Authorization to Expend Funds, 2019 Roof Replacement and Fall Protection on Various Buildings, University Park

WHEREAS, Article V, Section 5.09(a)(iii)(7) requires the approval of the Board of Trustees for capital projects under \$10 million in cost that are bond-financed, and

WHEREAS, The proposed 2019 Roof Replacement and Fall Protection program is recommended by the Administration to be funded with bond financing;

THEREFORE, BE IT RESOLVED, That authorization to expend funds for the 2019 Roof Replacement and Fall Protection on Various

Buildings at University Park, as designed by Office of Physical Plant Design Services, is approved in the amount of \$7,200,000.

- J. Proposed Acquisition of 1771 Pine Hall Road, Ferguson Township, Centre County, Pennsylvania

RESOLVED, That the Board of Trustees approves the acquisition of 1771 Pine Hall Road, Ferguson Township, Centre County, Pennsylvania, comprised of 7.585 acres and one building totaling 34,917 gross square feet, from Karch-Taylor LLC at a price not to exceed \$6,900,000.

FURTHER BE IT RESOLVED, That the Officers of the University are authorized and directed to take such steps as are necessary to make effective these resolutions.

- K. Proposed Approval of Reappointment of Director for Penn State Health Milton S. Hershey Medical Center Board

RESOLVED, That the appointment of Jeanne Arnold to the Board of Directors of the Penn State Health Milton S. Hershey Medical Center for a term commencing July 1, 2019 and expiring June 30, 2022 is hereby confirmed.

Penn State Health Action Item

Chair Dambly noted two Penn State Health Action Items. Craig Hillemeier, CEO for Penn State Health, provided context for the proposals. A motion to approve Penn State Health Action Item A was seconded and approved by the Board:

- A. Proposed Authorization for Penn State Health to Incur Debt as a Separate Obligated Group

WHEREAS, Historically, pursuant to the long-term borrowing authority approved by the Board of Trustees, the University would periodically incur debt on its own behalf and/or on behalf of its controlled subsidiaries, including The Milton S. Hershey Medical Center and Penn State Health;

WHEREAS, Such controlled subsidiaries repaid the University annually for the costs of any bonds issued or other indebtedness incurred on its behalf;

WHEREAS, Section 5.09(a)(ii)(i) of the University's Bylaws provides that the Board of Trustees must approve any change in existing, major University fiscal policies;

WHEREAS, The Board of Trustees has determined that it would be in the best interests of the University and Penn State Health for Penn State Health to incur debt as the exclusive obligation and credit of Penn State Health and its designated subsidiaries and affiliates as a separate obligated group (the "PSH Obligated Group") and to pledge the revenues of the PSH Obligated Group to repay such debt;

WHEREAS, The Board of Trustees has adopted amendments to the University's Bylaws to clarify that the business and affairs of the University's direct and indirect subsidiaries shall be governed in accordance with the articles of incorporation, bylaws and other governing documents of such subsidiaries, subject to any reserved powers of the University contained in each subsidiary's governing documents; and

WHEREAS, The Board of Trustees now desires to take action to facilitate the intent of the foregoing amendments.

NOW, THEREFORE BE IT RESOLVED, That the Board of Trustees hereby authorizes Penn State Health, acting through its Board of Directors ("PSH Board of Directors"), to incur debt upon the exclusive obligation and credit of the PSH Obligated Group, and to pledge the revenues of the PSH Obligated Group to repay such debt, subject to the following parameters:

- (a) Penn State Health and its subsidiaries and affiliates that make up the PSH Obligated Group shall be the entities obligated to repay such debt and are authorized to pledge their revenues for the repayment thereof.
- (b) The University shall not be obligated to repay the debt of the PSH Obligated Group and the debt shall be without recourse to the revenues and assets of The Pennsylvania State University and its affiliates (other than Penn State Health and its subsidiaries);
- (c) The Academic Support Payment and any occupancy fees owed by Penn State Health to the University pursuant to the Master Facility Use Agreement between the University and Penn State Health are treated as operating expenses that are payable before debt service pursuant to the terms governing any PSH Obligated Group debt;
- (d) The terms and conditions governing any PSH Obligated Group debt are approved by the University's Senior Vice President for Finance and Business;
- (e) The amount or terms and conditions of any PSH Obligated Group indebtedness does not violate any provision of the Bylaws of Penn State Health; and
- (f) The PSH Board of Directors certifies to the Board of Trustees that the amount and terms of such indebtedness complies with the terms of this resolution.

WHEREAS, In furtherance of the foregoing resolution, the Board of Trustees has determined that it is in the best interest of the University and Penn State Health to (i) transfer certain real property and improvements to Penn State Health; and (ii) amend the Bylaws of Penn State Health to grant additional reserved powers to the University; and

WHEREAS, With respect to (i) above, the Board of Trustees has determined that it is in the best interests of the University and Penn State Health to transfer four parcels of real estate (together with improvements thereon) owned by the University, comprising what is described as the East Campus of the Milton S. Hershey Medical Center Campus (shown as lots 4, 6, 7 and 8 on the "PSHMC and College of Medicine Lot Layout Plan with Site Plan, dated 5-5-07", as presented to the meeting of the Board of Trustees), to Penn State Health or its controlled designee, under and

subject to restrictions as set forth in the Bylaws of Penn State Health in consideration for the payment of \$18 million.

NOW, THEREFORE BE IT RESOLVED, That the officers of the University are hereby authorized to enter into such agreements and execute such deeds as are necessary to convey the parcels identified as lots 4, 6, 7 and 8 on the Lot Layout Plan for the Milton S. Hershey Medical Center campus as referenced in Appendix I, to Penn State Health or a designee controlled by Penn State Health, under and subject to restrictions set forth in the Bylaws of Penn State Health in consideration for the payment of \$18 million.

AND BE IT FURTHER RESOLVED, That the Bylaws of Penn State Health are hereby amended by inserting the underlined subsections (d), (e) and (f) within Section 2.2 thereof:

[Appendix I]

ARTICLE 2 MEMBERS AND RESERVED POWERS

Section 2.1 Members. The members of the Corporation are PSU and HH (each a "Member" and collectively, the "Members"). Subject to Sections 2.2 and 2.3, the Members shall have the right and power to give such approvals and take such other actions as are specifically reserved to members of Pennsylvania nonprofit corporations under the NPCL.

Section 2.2 Reserved Powers of PSU. In addition to and in furtherance of those powers held by a member of a nonprofit corporation under the NPCL, PSU shall have the following rights and powers with respect to the Corporation:

- (a) to determine the number of Directors that will comprise the Board of Directors of the Corporation (subject to Section 2.3 hereof and Section 4.9 of the Affiliation Agreement), and to elect and remove, with or without cause, any and all Directors of the Corporation other than the HH Directors (as defined below);
- (b) subject to Sections 2.3 and 9.1 hereof, to approve amendments, alterations and modifications to or repeals of the Articles of Incorporation and Bylaws of the Corporation;
- (c) subject to Section 2.3 hereof, to approve all fundamental change transactions and all other transactions not in the ordinary course of business, including without limitation, all mergers, consolidations, divisions, sales of substantially all assets, and the liquidation or dissolution of the Corporation;
- (d) subject to Section 2.3 hereof, to approve any indebtedness of PSH or its controlled affiliates that would cause the debt to capitalization ratio of PSH on a consolidated basis to be at 35% or higher;
- (e) to approve capital projects of \$10 million or more that either:(i) apply to a PSU-owned asset; or (ii) utilize PSU funds or funds obtained through PSU financing;
- (f) subject to Section 2.3 hereof, to approve any sale, lease, transfer or other disposition of any land or buildings located on the campus of The Milton S. Hershey Medical Center which were conveyed by the PSU to Penn State Health or its controlled designee (hereinafter the "East Campus"), or to approve the use of any portion of the East Campus land or buildings that does not further the purposes of PSH as set forth in Section 1.2 of these bylaws.;

- (g) in its capacity as successor trustee of the MSHMC Trust, to approve: (i) any change in the mission of The Milton S. Hershey Medical Center, a Pennsylvania nonprofit corporation ("MSHMC"); (ii) a transfer of all or any portion of an interest in MSHMC; or (iii) the dissolution of MSHMC;

WHEREAS, The Board of Trustees has determined that it would be in the best interests of the University to authorize the officers of the University to enter into a Master Affiliation Agreement between the University and Penn State Health to memorialize commitments to support the Penn State College of Medicine, establish the role of the Dean of the Penn State College of Medicine in the functions of Penn State Health, and facilitate the success of Penn State Health, incorporating the terms presented to the Board of Trustees.

NOW, THEREFORE BE IT RESOLVED, That the officers of the University are hereby authorized to enter into a Master Affiliation Agreement with Penn State Health incorporating the terms presented to the Board of Trustees and such other terms and conditions such officers deem necessary or desirable to effectuate the foregoing purposes.

- B. Proposed Approval of Amendments to the Penn State University Bylaws Sections 5.09 and 8.01

The Committee on Governance and Long-Planning recommended that the Board of Trustees approve the following resolution. A motion to approve Penn State Health Action Item B was seconded and approved by the Board:

RESOLVED, That the Bylaws of The Pennsylvania State University are amended as set forth in Appendix II hereto and presented at the meeting on May 3, 2019.

[Appendix II]

Action Items – Other

- A. Election of the Student Trustee

The Committee on Governance and Long-Range Planning recommended that the Board of Trustees appoint Bryan Culler as the Student Trustee for a two-year term beginning July 1, 2019. A motion to approve this appointment was seconded and approved by the Board.

- B. Election of Trustees Representing Business and Industry Endeavors

The Selection Group on Business and Industry Trustees recommended the election of Richard K. Dandrea and Ira M. Lubert for three-year terms beginning July 1, 2019. A motion to approve this appointment was seconded and approved by the Board. It is noted that Trustee Short voted in opposition of the appointment.

- C. Election of At-Large Trustee

The Selection Group on At-large Trustee recommended the election of Kathleen L. Casey for a three-year term beginning July 1, 2019. A motion to approve this appointment was seconded and approved by the Board.

President's Report and Discussion

President Barron delivered a report titled *Living Our Mission: Community Engagement*, which focused on the value of Penn State's concentration on community engagement. He shared the scope of Penn State's engagement impact and noted that the main hubs of engagement are: Penn

State Extension, Penn State Outreach, Industry Partnerships and Economic Development, Centers and Institutes, and the Student Engagement Network. He offered several examples of our engagement activities that include Penn State's efforts to eradicate the Spotted Lanternfly, Chesapeake Bay Water Quality, Food Safety, and Land-use. He also highlighted examples of engagement and outreach including WPSU, Industry Partnerships and Economic Development initiatives, the Marcellus Center for Outreach and Research, the Sustainability Network, and the Student Engagement Network. In summary, innovative research and knowledge dissemination serves society; drives student opportunities and success; promotes economic development and progress; attracts leading faculty and outstanding students; and enhances the University's standing as a world-class institution.

Recorded remarks are available at <https://bit.ly/2KbUGZP>. For companion slides, reference Appendix III.

[Appendix III]

Informational Report on the Faculty Senate

A report of this year's activities of the University Faculty Senate was provided by Michael Bérubé, Immediate Past Chair of the Senate and Edwin Erle Sparks Professor of Literature.

Recorded remarks are available at <https://bit.ly/2KbUGZP>.

Report of Elections

A. Election of Trustees by the Alumni

Chair Dambly called on Trustee Tribeck for a report on the tabulation of ballots for the Election of Trustees by Alumni, which concluded at 9:00 a.m. (EST) on May 2.

Trustee Tribeck reported that he and Trustee Stanell served as Trustee Tellers for the election and were present for the counting of ballots, which was observed by KPMG. Tribeck reported that four individuals met the threshold of receiving 250 nominations and expressed a desire to serve Penn State as alumni elected Trustees and met the criteria to run for election.

A total of 14,644 ballots were received. The total number of votes for the three candidates receiving the highest number of votes were:

William F. Oldsey, 10,006 votes
Barbara L. Doran, 10,447 votes
Edward B. Brown, III, 10,993 votes

A motion to accept the report of the results of the election of Alumni Trustees was made and seconded and approved by the Board.

B. Election of Trustees by Agricultural Delegates

Chair Dambly noted that Trustees Hoffman and Dietrich served as tellers for the election; he called on Trustee Hoffman for a report on the election of Trustees by Delegates from Agricultural Societies, which was held on May 2.

Trustee Hoffman reported that two candidates indicated their willingness to serve if elected, and that they were appropriately nominated; the candidates were Valerie L. Detwiler and M. Abraham Harpster.

Following the submission of ballots by duly authorized representatives Valerie L. Detwiler and M. Abraham Harpster were elected by the delegation. A motion to accept the report of

the results of the election of Agricultural Trustees was made and seconded and approved by the Board.

Announcements by the Chairman of the Board of Trustees

In closing, Chair Dambly thanked outgoing Trustees Michael C. Hoeschele and Kevin R. Steele for their service to the University. He then called for other matters to come before the Board. There being no other business, the public meeting was adjourned at 2:12 p.m. The meeting is available in its entirety at <https://bit.ly/2KbUGZP>.

Respectfully submitted,

Frank T. Guadagnino
Secretary, Board of Trustees



PDF DRAWING: C:\Facilities General Information - Drawings\Mass and Acreage\Masses\LOT-1A

CAD FILE Location: F:\DRAWINGS\SITE DRAWINGS\SITE PLAN\LOT LAYOUT PLAN\LOT-1A

PROPOSED AMENDMENTS TO PENN STATE UNIVERSITY *BYLAWS* SECTIONS 5.09 AND 8.01,
AS APPROVED AND RECOMMENDED BY THE
COMMITTEE ON GOVERNANCE & LONG-RANGE PLANNING
FEBRUARY 22, 2019

1. A new subsection 5.09(a)(v) ["Subsidiaries"] would provide for Board of Trustees' approval rights as follows.

“(v) Subsidiaries.

- (1) Appointment of the Board of Directors of each direct subsidiary of the University as provided in such subsidiary's articles of incorporation;
- (2) Amendments to the articles of incorporation of each direct subsidiary of the University; and
- (3) Exercise of rights reserved to the University in the articles of incorporation, bylaws or other governing documents of any direct or indirect subsidiary of the University.”

2. A new Section 5.09(d) would be added to provide in its entirety as follows:

“(d) Subject to the provisions of Section 5.09(a)(v), the affairs of any direct or indirect subsidiary of the University shall be governed by the Board of Directors of such subsidiary in accordance with the articles of incorporation, bylaws and other governing documents of such subsidiary.”

3. A sentence is proposed to be added to Section 8.01 that would read in its entirety as follows:

“For purposes of this Article VIII, the term “University” includes all direct and indirect subsidiaries thereof.”

Living Our Mission: Community Engagement



A Discussion with the Board of Trustees
May 3, 2019



Value of Penn State's Focus on Community Engagement

- Essential to fulfilling our land-grant mission
- Provides the Commonwealth, nation, and world with a credible source of knowledge to address pressing issues and inform new opportunities.
- Engages students in rich learning opportunities outside of the classroom.
- Complements faculty teaching and research through two-way engagement that informs their work, while benefiting society.



Scope of Penn State's Engagement Effort

Areas of Impact: Agriculture; Business, Finance & Industry; Children, Youth & Families; Clinical Services (health and medicine); Community Design & Development; Economic Development including Tech Transfer; Energy & Shale; Environment, Sustainability & Water; Government; Health, Wellness & Human Development; Justice & Safety; and K-12 Education.

Funded by: Federal Agencies; Commonwealth Appropriations; County Funding; Fee-for-Service & Contract Fulfillment; Registration Fees; Corporate, Foundation, and Individual Philanthropy.





PennState



PennState



PennState

Community Engagement Across PA

24 Campuses

67 Extension
Offices

21 LaunchBoxes

2 PSU Centers

2 OLLI Offices

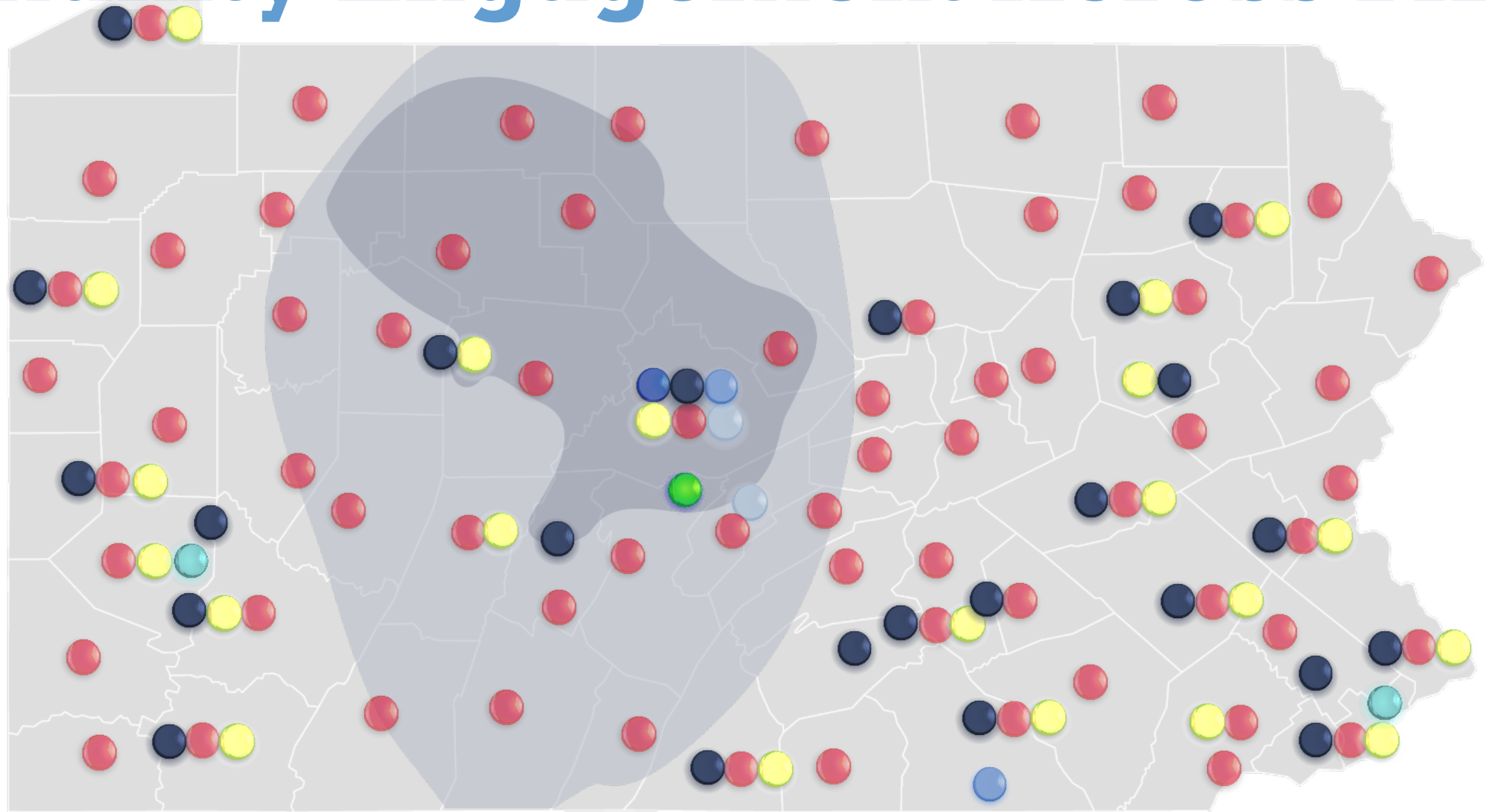
2 Small Bus.
Dev. Centers

Shaver's Creek

Justice and
Safety Institute

WPSU-TV

WPSU-FM

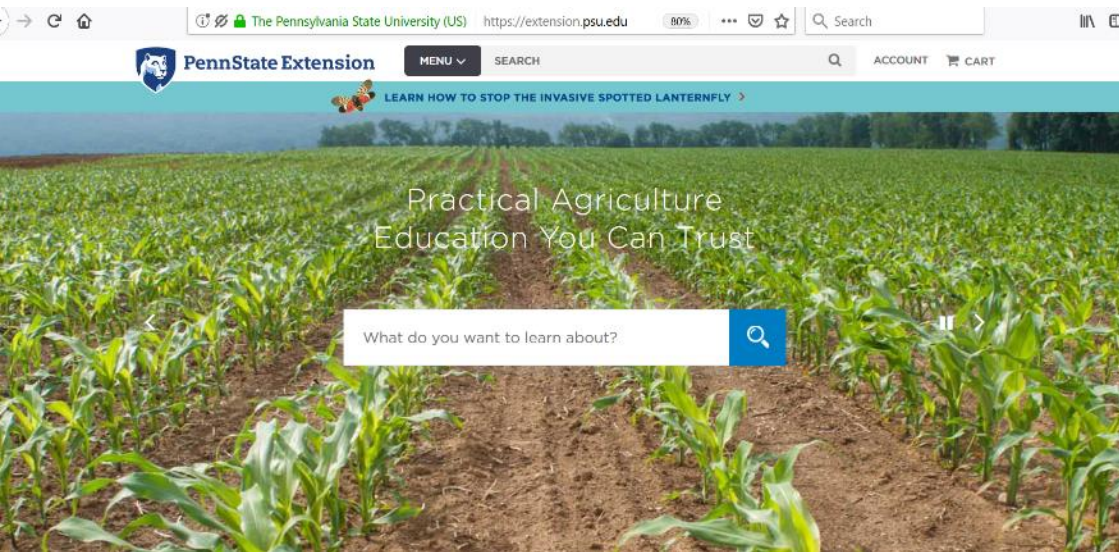


Major Hubs of Community Engagement

Community engagement is integrated into our mission of teaching, research, and service, and it's central to these areas:

- Penn State Extension
- Penn State Outreach
- Industry Partnerships and Economic Development
- Centers and Institutes
- Student Engagement Network

Penn State Extension



Extension Agents are Problem Solvers

- Delivers solutions where they're needed, when they're needed, and how they're most effective.
- Serves a diverse audience ranging from Amish farmers to robotics engineers.
- Addresses timely issues by collaborating with statewide teams of researchers and educators.
- Translates scientific research into real-world applications and education.



Farm emergency training provided by Penn State Extension is credited with saving a Pennsylvania farmer's life.



Penn State Extension By the Numbers

- Workshop/Conference registration exceeds 50,000/year.
- Ag Progress Days attendance: 45,000/year.
- 4-H reaches more than 90,000 PA youth/year.
- Master Gardeners and 4-H Extension have 10,000+ volunteers.
- Extension Website: 9M users with 14M page views annually (39K/day).




Extension.psu.edu features courses, articles, workshops and more.




One Example: A Comprehensive Program to Protect the Ag Industry

PSU launched effort prior to the awarding of state funding given the magnitude of the threat.

Help Stop This Invader: SPOTTED LANTERNFLY



E. Smyers



The spotted lanternfly is potentially the worst invasive pest since the introduction of the gypsy moth nearly 150 years ago.

This Asian planthopper was found for the first time in the United States in Berks County, Pennsylvania, in 2014. It has since spread throughout 13 counties in south-eastern Pennsylvania and three counties in New Jersey, all currently under quaran-

Highlights of College Activities to Date

- **Performing research.** Since it is new to the United States, there is a lack of scientific knowledge about the spotted lanternfly. Research in the college is focused on pest biology, reproduction, pheromones, dispersal behavior, identifying natural enemies, impacts on crop and tree health, host preference, management options, chemical efficacy, potential geographic distribution, and economic impact assessments. The college has received *research funding of approximately \$1 million to date* from multiple



Spotted Lanternfly Extension Impact

- **Research:** Received *about \$1M* to date.
- **Building Awareness:** Launched website working with PA Dept. of Ag (PDA) and USDA. Attracted *840,000+ page views* since July 2018. Staffed public Hotline, which has logged *14,000+ calls*.
- **Coordinating Outreach Activities:** Held in-person informational meetings reaching *8,750+ participants*.
- **Identification and Reporting:** Providing online process to help the public identify and report sightings for action by PDA. Website visitors have reported *18,000+ sightings*.



Spotted Lanternfly Extension Impact (cont.)

- **Developing Management Solutions:** Distributed more than *300,000 educational products* since June 2018.
- **Abating the Spread:** Developed online course that provides businesses with training to receive a PDA permit that's required for companies operating in the quarantine zone.
- **Performing Surveillance:** Participated in a statewide surveillance effort and plotted approximately 9,500 sightings.
- **Assisting Affected Industry Sectors:** Developing industry-specific best management practices and performing field research.



Other Comprehensive Program Examples

- **Chesapeake Bay Water Quality:** Working with the ag industry and resource-extraction industries to protect 86,000 miles of streams and rivers.
- **Pollinators and Pesticides:** Improving pollinator health and stemming declines.
- **Food Safety:** Preventing the spread of foodborne illness at farmer's markets, commercial kitchens, picnics and potlucks.
- **Plum Pox Virus:** A 10-year collaborative eradication effort averted an agricultural catastrophe and protected the state's \$25M annual production of peaches, plums, apricots, nectarines and cherries.
- **Land-use and zoning:** Addressing conflict of interest and land-development.



Penn State Outreach



Penn State Outreach

- Delivers compelling and evidence-based content developed by University faculty.
- Reaches broad and diverse audiences through traditional and digital distribution channels.
- Engages students in meaningful learning opportunities.



Reaches 67 Pennsylvania counties,
50 states and 21 countries.



Professional and Community Outreach 2018

16,335

students participated in engaged scholarship including academic courses and research.

1,593

students participated in community engagement through activities not directly tied to credit courses.

153

Faculty engaged.

68,977

Community members engaged.



Outreach Across PA

- **Philadelphia Center** offers a Faculty Academy to prepare for urban engagement experiences.
- **CITY program at the Pittsburgh Center** provides underrepresented high school students with career exploration, training, and mentoring.
- **Shaver's Creek Environmental Center** delivers programming for 20,000 visitors annually, including the North American Association for Environmental Educators accredited SEED semester.
- **Justice and Safety Institute** trains all deputy sheriffs in PA's 67 counties and provides all child support enforcement training in PA.
- **Osher Lifelong Learning Institute** provides educational, travel, and social programs that engage mature learners.



Emmy Award-winning WPSU TV, FM, Digital

Serves one of the largest geographic coverage areas in the nation:

- 515,000 households in 24 counties of central PA.
- 450,000 listeners in 13 counties.

2018
Mid-Atlantic Emmy®
Award Winner for
Overall Excellence



Educational Programming Example: Finding Your Roots--The Seedlings

WPSU Digital launched new web series to support science exploration:

- 13 young scientists came to Penn State to explore their own family history and DNA ancestry with Henry Louis Gates, Jr.
- Parents and teachers can access the full curriculum.



2019 Faculty Outreach Awards



Faculty Outreach Award
Carleen Maitland, IST
*Enhancing IT use for
marginalized communities in
U.S. and abroad.*



**Community Engagement and
Scholarship Award**
Glenn Sterner, Criminal Justice,
Penn State Abington
Share your Opioid Story Initiative



Emerging Faculty Outreach Award
Efrain Marimon, Education
*D.C. Social Justice Teaching
Fellowship program and
Restorative Justice Initiative*



Industry Partnerships and Economic Development



Education, Training and Workforce Development

- **Campus Collaborations:** Delivers specialized programs designed for adult learners; hybrid format is offered nights and weekends (e.g. Bachelor of Business accelerated program).
- **Non-Credit Workforce Contract Training:** On-site skills enhancing training tailored to business needs (e.g. Project Management and Leadership Development).
- **Continuing Education:** Supports lifelong learning in local communities through career focused non-credit and credit programs.



Leadership Development Series

- Customized professional development courses focus on core competencies.
- Offered on site, on a PSU campus, or online.
- Examples: Functional Manager™, Supervision Essentials™, and Operation-Wide Training.
- Serving a wide range of industries.



BlueCross



PennState

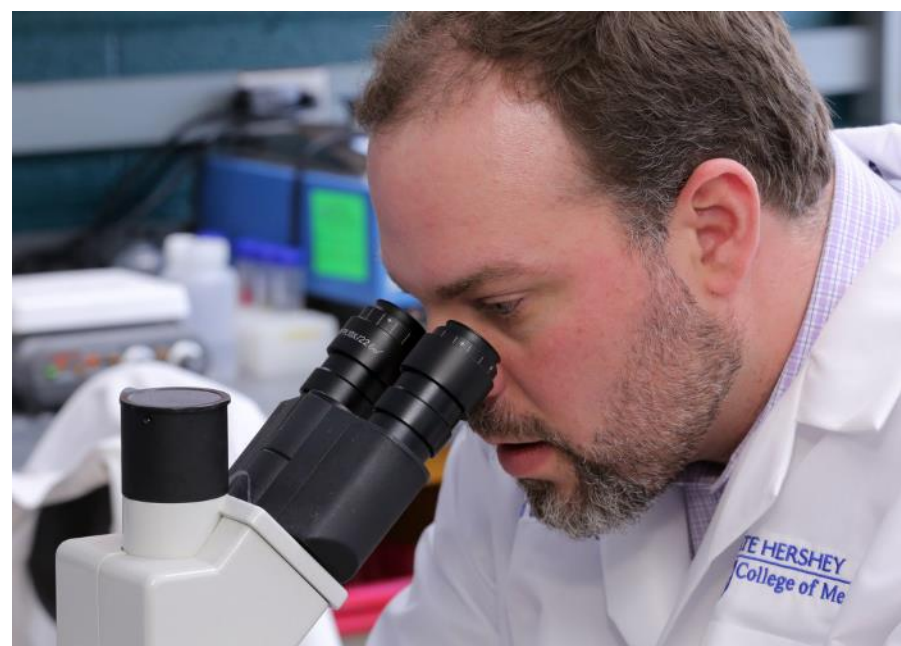
Continuing Education Impact

- Served 1,000+ companies and organizations, enrolled 3,000+ adults in classes, and 10,000+ youth in camps since 2016.
- Uses analytical tools to identify the skills gap that exists for PA jobs, and then develops new programming based on that research.



Centers & Institutes

Outreach provides the means to translate research conducted in PSU Centers and Institutes into programs and policies to address pressing issues.



Outreach Operation Enables Research Dissemination and Implementation

Two examples of many:

- **Opioid Epidemic:** WPSU addresses opioid addiction with special programming; PSU researchers collaborate with state police; opioid/substance abuse conferences; support and programs to help families raise children left behind by the opioid epidemic; Share Your Opioid Story outreach.
- **Northern Appalachia Cancer Network:** A community/academic partnership with the Penn State Cancer Network. Is reducing the cancer burden among rural residents of PA and NY through education, training, and engaged cancer research.



Marcellus Center for Outreach and Research (MCOR)

- Partnership with Outreach, Extension, College of Earth and Mineral Sciences, Institutes of Energy and the Environment.
- Holistic programs across diverse array of shale energy production issues in the Commonwealth and beyond.
- Translational outreach with a research-based foundation.
- Strong community engagement commitment at the leading edge of emerging shale gas impacts.



Photo Credit: Bradford Era News



MCOR Digital Shale Energy Impact

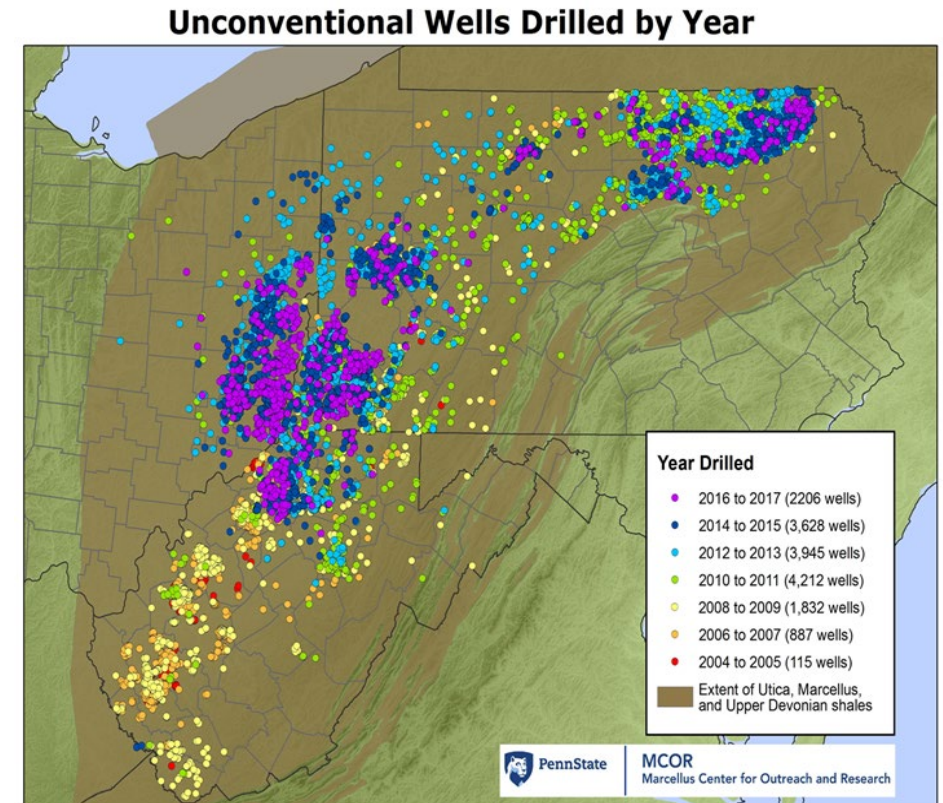
Monthly shale webinars

- Audiences across PA, 24 states and 8 countries

Online courses in Biosecurity and Community Conflict Prevention related to energy production

- Educating energy industry workforce on protecting animal agricultural industry
- Prevention of conflict at the community and energy development interface

E-Newsletter on shale energy: 4,000+ routine viewers



Sustainability Institute

The Sustainable Communities Collaborative facilitates partnerships between Penn State classes and community partners to advance partner sustainability goals.

- Involves 8 colleges and 6 campuses:
Behrend, Beaver, Altoona, University Park, Brandywine and Abington.
- In 17-18, engaged 1,282 students and 51 community partners in 99 distinct projects.



Food city permaculture garden in Pittsburgh, one of the options Study Away Pittsburgh students visit.



Sustainability Institute Projects



Expanding community
greenhouses at Behrend



Traffic safety project with the
State College Police Dept.



On-site visit at the Huntingdon
water treatment plant

Student Engagement Network



Taking learning from the classroom to the world

- Clearinghouse for student engagement partnerships and opportunities.
- Provides grants to enable more students to participate.
- Showcases student, faculty, staff, and community work.
- Connects faculty and staff to the scholarship of engagement as fellows and scholars.



Student Engagement Network Impact

- Grant Program: 500+ students awarded; \$600,000+ funded.
- Internship Program: 22 students hired.
- Faculty Academy: 8 faculty fellows; 2 faculty scholars.
- Engagement Space: 2,500+ student visitors.
- Portal will launch Dec. 2020.



PSU students collectively spend approx. 3.9M hours annually engaged in community service and volunteer activities.
Source: 2017 Student Experience Survey



Example: Funded Internship at Urban Waste Water Mgt. in Karlsruhe, Germany

Marjorie Robinson said the grant gave her “A chance to challenge myself.”

- Research focused on particle transport model on urban impervious surfaces.
- The experience allowed her to apply her PSU education, while navigating the challenges of a complex job in a global context.



“I will take the lessons I’ve learned into my future job.”



Summary: The Role of Community Engagement in Our Land-grant Mission

Innovative research and knowledge dissemination:

- Serves society
- Drives student opportunities and success
- Promotes economic development and progress
- Attracts leading faculty and outstanding students
- Enhances the University's standing as a world-class institution



Discussion:

- Do you see opportunities to further develop our strategy?
- How might we be more nimble and responsive to our external partners?
- How can we amplify our contributions and impact?
- How can we tell these great stories of impact holistically?

