State University of New York at

Cobleskill Annual Report 2020-2021



Writing Our Story

Between the lines, graphs, and datasets presented in this report lies the real story of SUNY Cobleskill; a story that continues to be written each day through the energies of those who live, work, learn and engage in their aspirational pursuits on our campus. It is a story that speaks to the preeminence of our collective humanity, and the deftness to bend in the pursuit of our vision.

We have come to fully realize the fragility of our relationships with one another and our connection to a sense of community. Now, faced with a new reality, we are not content to simply return to where life once was. A new necessity comes with this reality, one that calls us to move beyond revitalization and enter the sphere of transformative vitalization.

On our campus, we see the roots of new ideas spreading the promise of reconceptualizing our academic mission to further explore the interrelation of agriculture and technology. We see new interdisciplinary projects coming into existence, creating an ecosystem distinctive to us as a College, and with a singular focus on shaping the sustainable society of tomorrow. As we continue to write our story, we see an institution taking prideful ownership of its name as a College of Agriculture and Technology.

This report lends us occasion to reflect on a year abounded with great challenge. But, great stories are not written by those who lie fallow. As you read this report, I hope that you will join me in appreciation of the tactile achievements of our community, but also in what they represent: the human capital of an institution standing as a steward for agriculture and technology in higher education.

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Marion Terenzio, Ph.D. President

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OUR MISSION. **VISION, & VALUES**

Mission

SUNY Cobleskill sets the standard for applied education that extends theory into practice. We cultivate our students technological forces in their lives.

teach by doing, forge pathways for success, think globally and across disciplines, cultivate sustainability, embrace and support our community, and promote personal growth.

Vision

As the premier educational institution of agriculture and sustain and to renew the world and its citizens.

We continue to be guided by our founding vision: "Education is the hope of the world... If our young men and women are to grow quality in their lives they must learn to direct their own thinking, their own wanting, and their own doing." (1921 College Catalog)

Values

SUNY Cobleskill is a campus community characterized by a collaborative spirit fostering well-being and sustainable and staff achievements. We take pride in our campus and encourage collaboration with our surrounding communities.

"Our purpose remains constant; to educate future entrepreneurs, scientists, thought leaders, artists, educators and practitioners to contribute to the sustainability of a healthy and prosperous societal existence in concert with a robust environment.^X

A Pivotal Moment, President Marion Terenzio, Ph.D. (2021)

Accolades

Dr. Ben Weikert Honored with NACTA **Educator Award**



CAMPUS HIGHLIGHTS

Agriculture and Animal Science, was selected as Award. The NACTA Educator Award is a once-in-a-lifetime honor given to individuals very best in agriculture education. The award, students in agriculture and natural life sciences. national attention.

Anita Wright, Director of Professional and Continuing Education, Receives Chancellor's Award for Excellence in Professional Service

Throughout her 37 years at SUNY Cobleskill, Dr. Ben Weikert, assistant professor of Anita Wright has continuously been there to offer her leadership, decision-making, and a 2021 recipient of the North American Colleges problem-solving skills to her department and and Teachers of Agriculture (NACTA) Educator all other areas across campus. She is always willing to work with others and ensure that students and faculty have access to what whom the professional society deems the they need to be successful. Her expertise and guidance play an important role in decisions backed by Dr. Weikert's students, peers, and that benefit our students. Under her leadership, administrators, further validates his years of PACE has developed 22 micro-credentials in effectiveness in educating and motivating various academic areas that have garnered

Alisha Huth, Office Assistant 2, Receives Chancellor's Award for Excellence in **Classified Service**

Alisha Huth is this year's recipient of the Chancellor's Award for Excellence in Classified Service. Alisha's outstanding organizational skills and attention to detail are evident in her daily work and her contributions to our committees. Her compassion and empathy, demonstrated through her 14 years of service, have served to break down barriers to student retention and academic success. She is a role model for staff and students alike and altogether deserving of this recognition.

Events

COVID-19 Vaccination Clinics

The College hosted three on-campus vaccination clinics in 2021, offering convenience to students in their efforts to protect themselves, their families, and their fellow community members. Faculty and students from our Paramedic Program played a large role in making these clinics successful.



Virtual Accepted Students Week

Incoming students had the chance to familiarize themselves with the faces of our campus through a week of virtual activities and presentations, featuring our faculty, student leaders, student support staff, and Admissions team.

Grad Walk Commencement

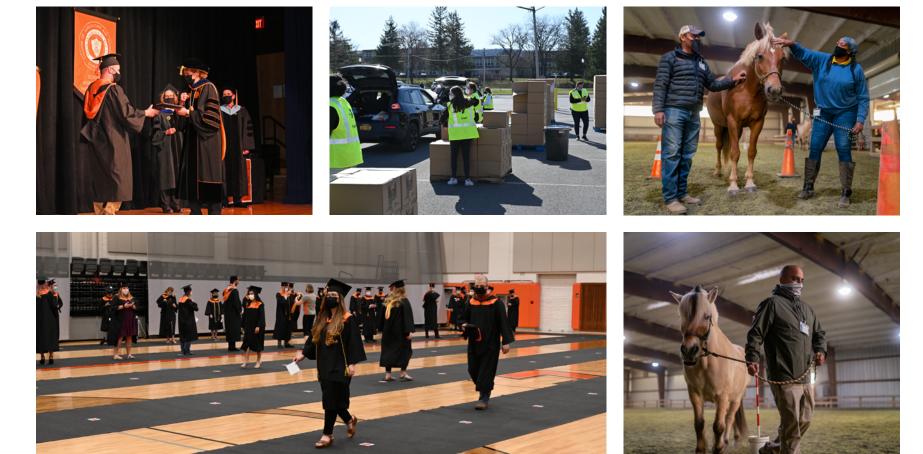
The Class of 2021 was honored through two Grad Walks, giving our graduating students the opportunity to receive their diplomas in person. A virtual Commencement, including addresses from College administration and keynote speaker Chef Yono Purnomo, followed.

Farmers to Families Drive-Thru Food Distribution

SUNY Cobleskill partnered with the Capital District YMCA for three drive-thru events this Warrior Project visited our campus in June, spring, providing our community with access to spending a day getting to know our horses and fresh and wholesome food. Each box distributed contained 25 pounds of fruits, vegetables, meat, program. and dairy products.

Wounded Warriors Project Families Visit Equine Center

Warriors and their families with the Wounded experiencing our Therapeutic Horsemanship



U.S. Department of Agriculture Secretary and NY-19 Agricultural Advisory Committee Meet at SUNY Cobleskill



Program Highlights

SUNY Cobleskill offered more than 40 percent of its classes in-person during the Spring 2021 semester, many of which were lab and experiential learning courses. Since the start of the pandemic, our campus performed more than 35,000 COVID-19 tests, maintaining an oncampus positivity percentage well below county and regional figures.

SUNY Cobleskill was proud to host distinguished guests on campus July 16, including U.S. Agriculture Secretary Tom Vilsack, U.S. Representative Antonio Delgado, and members of the NY-19 Agriculture Advisory Committee members for a discussion of the Farm Workforce Modernization Act. At the meeting, elected officials and committee members heard directly from producers on the critical topics of rebuilding rural infrastructure, supporting new farmers, removing barriers to entry, and growing the dairy economy.

The Farm Workforce Modernization Act aims to provide stability and predictability to the nation's critically important agriculture sector by reforming the H-2A agricultural guestworker program and introducing a merit-based visa program. The program would ensure farmworkers have safe working conditions, access to fair compensation, healthcare, and housing, and a path to citizenship.



SUNY Cobleskill Partners with Antarctic Artists and Writers Collective on Virtual Exhibition

SUNY Cobleskill presented a series of virtual events as part of an online exhibition, Adequate Earth: Artists and Writers in Antarctica, consisting of works by 13 founding members of the Antarctic Artist and Writers Collective (AAWC).

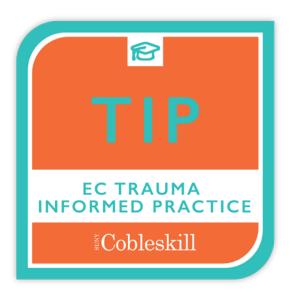
The AAWC is comprised of past participants in the National Science Foundation's Antarctic Artists and Writers Program who have traveled to the seventh continent over the past 40 years. The Collective's mission is to inspire and educate the public about Antarctica and its scientific exploration through art, music, writing, and performance.

SUNY Cobleskill students implemented strategies learned from the artists and writers into their coursework, using creative mediums to express the academic and research work they conducted in the classroom.

Trauma-Informed Practice for Early Childhood **Micro-Credential Introduced**

SUNY Cobleskill's Early Childhood Studies: Birth - Age 5 Program introduced a new micro-credential in Trauma-Informed Practice. Available to both current students and nonmatriculated participants, the micro-credential provides in-depth knowledge of infant-toddler development and the impact of trauma on children's brain development and socialemotional well-being.

The COVID-19 pandemic also informs the microcredential's curriculum, explains Elise Weiss, department chair and assistant professor. "COVID-19 is an Adverse Childhood Experience. As so often is the case, things that happen in the world strongly and negatively impact the most vulnerable. We need our future teachers and childcare professionals to be prepared to meet the needs of the most vulnerable who are living through this global health crisis and to recognize and respond to signs and manifestations of trauma that they see in the children in their classrooms."



Trauma Informed Practice Badge

Capital Projects

A New Home for Canine Training and Management

Construction began on the new, 10,000 square foot home of our Canine Program. The facility will be divided roughly in half between kennel space and an open training area. The program the nation's first bachelor-degree program in its field, preparing students for a wide range of professional opportunities in areas including canine-assisted therapy, nutrition, security, and veterinary medicine.

Mackey Service Complex (Facilities)

The Facilities project was a complete upgrade to the Mackey Services Complex at SUNY Cobleskill. The scope of work included improvements to walkways, driveways, and parking lots, structural repairs to the foundation and roof trusses, upgrades to the entire building envelope and roofing, and a complete replacement of mechanical, electrical, plumbing and lighting systems. The project also improved the functionality of the facility by creating better circulation flow between the main entrance, administration area, and the trade shops.



Champlin Hall Reopens

This project completely replaced most of the critical HVAC infrastructure in Champlin Hall as well as its electric service equipment. It also upgraded the water heating system and converted the building from the site-wide central heating plant to a stand-alone boiler plant, which incorporated a new natural gas service. The continues to grow since its launch in 2019 as project also provided a significant upgrade to the entrance, main kitchen, servery, and dining areas on the main floor.





Personnel



Dr. Gail Wentworth Appointed as Dean of **Business and Liberal Arts and Sciences**

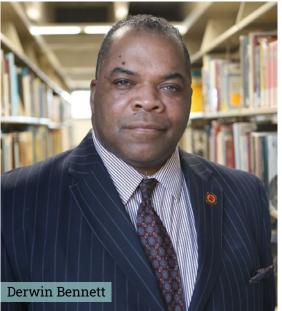
With nearly 20 years of experience at SUNY Cobleskill, Dr. Wentworth brings creativity, a passion for teaching and learning, experience as a department chair and interim dean, and a commitment to interdisciplinary collaboration. She is a professor of Early Childhood studies whose professional interests are infant-early childhood mental health, multiculturalism through international education, and the value of animals in young children's lives. She has published articles and presented on a variety of early childhood topics, domestically and internationally.

Derwin Bennett Named Chief Diversity Officer

Bennett has been a member of SUNY Cobleskill's community since 1993, starting as a Residence Hall Director, then as Director of the College's Educational Opportunity Program. He has served as Chair of SUNY Cobleskill's Diversity, Equity and Inclusion Council and as Chair of the A presence on the SUNY Cobleskill campus for College's Intercollegiate Athletic Board. Bennett also played a leading role in securing a \$10,000 grant to establish the Cobleskill Exploration Experience of Knowledge on Diversity Initiative (CEEK). SUNY Cobleskill was one of three SUNY colleges to receive the grant, which lead to a campus climate study and a diversity training program.

Dr. S. Scott Ferguson Named Executive Director of The Institute for Rural Vitality at SUNY Cobleskill

Dr. Ferguson, professor of business and management at SUNY Cobleskill, was selected to lead the College's Institute for Rural Vitality. more than 12 years, Dr. Ferguson has served in multiple roles in addition to his tenure as a professor in the Business Administration degree program. He served as the College's inaugural chief diversity officer and has led the planning and implementation of many campus-wide initiatives, including serving as chair for SUNY Cobleskill's 2017 Strategic Planning program.





STRATEGIC PLAN HIGHLIGHTS

1.1 Determining and implementing a contemporary institutional structure for forward-thinking presentation of ourselves to internal and external audiences

- Merger of Business, Agriculture Business, and Culinary Arts departments to enhance programmatic synergies.
- Updated and streamlined Crisis Communications Plan and Public Relations portion of the Emergency Response Plan.
- Reorganized the Information Technology Department to increase oversight and accountability and develop new leaders.

1.2 Developing an institution-wide branding campaign and narrative which reflects the vision, mission, and values

- Launched a cost effective wayfinding project, providing new maps and signage campus-wide.
- Our video production team began building a comprehensive suite of academic program videos.
- Communications highlighted the success of campus COVID-19 response through strategic press placements.

- Marketing created a comprehensive library of photography and videography that widely represents our academic offerings and campus life opportunities.
- Achieved an estimated 672,000 views of online press coverage through proactive media relations efforts focused on academic programming and campus news.
- Marketing and Communications developed a robust social media editorial calendar to highlight the accomplishments of students and alumni.

2. Maximizing learner access, progression, and success

- Utilized VDI (virtual desktop infrastructure) to facilitate remote student use of high-end proprietary software.
- Distributed a second round of COVID-19 relief grants to students totaling \$1.38 million dollars.
- Implemented an automatic monthly payment plan for past due accounts to allow students to continue to progress in their educational careers and avoid being sent to collection.
- Utilized scholarship resources as part of a comprehensive, strategic recruitment strategy.

- Developed reports to identify and mitigate risk factors that hamper student progression.
- Enhanced collaboration between Honors and Admissions to communicate with Honors Program eligible students and their families, which resulted in an all-time high number of Honors Program admits for Fall 2021.
- The Office of Admissions adjusted its operations to better accommodate the busy schedules of prospective families during the continued complexities of COVID-19.
- Prospective Student Outreach: 282.644 emails delivered / 12.890 viewbooks mailed / 2.295 website chat conversations / 2.261 student calls fielded / 762 virtual appointments.
- On-Campus Engagement: 2,699 visitors hosted / 806 guided campus tours / 181 faculty meetings on tours.
- The Office of Professional and Continuing Education (PACE) transitioned ten upperlevel Bachelor of Business Administration classes, normally taught in partnership campus classrooms, to remote delivery, thereby providing an opportunity for nearly 90 BBA off-site students to continue their progress towards degree completion.

- industry.



 PACE transitioned non-credit trainings to online delivery, including Notary, Basic Fiber Sorting and Grading Course, and Beekeeping workshops.

 In a retention effort, 35 online PACE classes were made available to eligible remote and campus students.

 In collaboration with the School of Agriculture and Natural Resources, PACE offered a four-week Meat Processing & Food Safety Certificate program in late spring. Eleven individuals from across the northeast participated in this intensive, hands-on career training which provided them with the knowledge and skills necessary to attain employment in the meat processing

- The Micro-credential (MC) Team met throughout the year to facilitate the development and assist faculty with MC proposals. Badges for 19 credit-bearing Micro-credentials and 11 non-credit Microcredentials are viewable in Acclaim and available for registration to both students and the public. Over 200 badges were issued during the year.
- Created a dedicated Esports arena in Warner Hall
- The Van Wagenen Library implemented digitization requests within Alma to expand access to our materials for students who were remote or limiting their trips to campus due to COVID-19.
- The campus upgraded the degree audit solution, Degreeworks, making it mobileready and ADA compliant.
- The Registrar's Office mitigated holdrelated issues which prevented access to application for graduation.
- Faculty now have an efficient electronic and secure change of grade process thanks to the Registrar's Office.
- Policy changes were implemented to allow for virtual internships and more flexibility for partial internships and projects and coursework during the pandemic.



- ITS and the Registrar's Office are collaborating with incremental upgrades of the student information system to allow for greater inclusivity to our student population, including non-binary gender options and the ability to include a preferred name.
- 24-hour online tutoring provided to students using Net Tutor.
- A partnership with Living Resources led to the hosting of a Career Next program on campus.
- EOP, MERITS, and Accessibility transition programs were held online and in hybrid format.
- EOP students received support for online learning from Opportunity Programs (laptops and stipends).

- Completed Phase I of General Education review.
- Completed Institutional Readiness assessment for online program delivery.
- Partnered with BOCES to design a pathway for students interested in early childhood education.
- Agricultural Engineering Workforce Development Outreach Program developed a Micro-credential (hydraulics), conducted recruitment activities, and provided CTLE certification for secondary school educators.
- Communications sent regular notifications to the campus community relaying significant information on COVID-19 procedures, testing, and vaccinations.
- Marketing provided digital platforms, content, and support for various initiatives in response to COVID-Era restrictions. such as livestream and digital graduation, Open Houses, Accepted Student Days, and Orientation
- Incorporated SLATE into Student Financial Services outreach, which has significantly improved our ability to customize, monitor, and increase frequency of email communications to various student populations.

3. Creating greater opportunities for diversity, inclusion, and belonging

- Implemented faculty and staff recruitment strategies to increase diversity.
- Created campus-wide faculty and staff online harassment and discrimination prevention training.
- The Office of International Education (OIE) worked with the Office of Global Affairs and other SUNY colleagues to design strategies for bringing Global Learning For All to students. This work is intended to support diversity, equity, and inclusion efforts across the SUNY system.
- OIE participated in a grant-funded Global Civic Literacy project sponsored by the American Association of State Colleges and Universities and the Council on Foreign Relations. The ongoing project aims to bring diverse and inclusive perspectives into the curriculum with the help of a series of modules collectively titled "World 101." OIE will continue working with the project during the next academic year.
- PACE provided virtual Information Sessions, **Classroom Presentations and Virtual** Orientations for interested and new off-site BBA students. Virtual academic advisement sessions were provided for the off-site students.

- Increased DEI programming, which included Orange Table talks, MLK Day of Service, and DEI Commemorative month celebrations.
- · Provided students and faculty a platform to reflect on Martin Luther King's legacy and impact during the MLK Day of Service events.
- Planning for campus Unity Center is underway.
- Updated PRODiG plan has been submitted.
- Care packages were provided to international students who were unable to return home due to pandemic travel restrictions.
- DEI represented at recruitment and orientation events.

4.1 Achieving fiscal and operational sustainabilitv

- Completed draft of Middle States Self-Study in preparation for site visit in Spring 2022.
- Integrated new technologies (Maxient and Anthology) into existing student information systems.
- University Police Department was awarded reaccreditation through SUNY this year, recognizing that the Department exceeds general expectations of quality in the field.



• 13 PACE non-credit workshops and trainings provided profit sharing of over \$7,000 to collaborating Academic Departments and \$7,500 to the Strategic Initiative Fund for faculty and student initiatives.

• Brought creative and production services and support in-house through new print shop capabilities and successfully printed all admissions and advancement marketing materials in-house at a lower cost.

 Participated in a SUNY-wide pilot for demand-driven consortial e-book

purchasing, resulting in the purchase of over \$30,000 worth of e-books at a cost to our campus of only \$2,000 (93% discount).

- Received support to continue hemp production on campus; diversified cultivars and purchased harvesting equipment.
- Moved new hire forms from paper to electronic formats to increase efficiency and save money.
- Developed new reporting and data gathering dashboards using Argos.



- Made changes in policies and procedures to mitigate financial risk to the College without creating inconvenience for students.
- Elevated information security function to better protect digital campus resources.
- Added solar arrays at Kniskern, Johnson, and the Equine Cottage.

4.2 Being a great place to work

- Created and launched Teaching Innovation, Learning and Technology Collaborative (TILT) which serves to bring together instructional design, faculty collaboration, and best practices in teaching and student engagement.
- TILT and the Professional Development Committee partnered to implement the "From Me to We: Staying Connected," a mindfulness series offered to all campus employees over the course of a year to give practical tools for improved mental health and well-being.
- Held virtual events to orient new employees and to recognize campus administrative professionals.
- Celebrated retirees and milestone years of service through a campus-wide barbeque.

5.1 Fostering effective partnerships that will have an impact on economic and human capacity within and beyond our local community

- The Institute for Rural Vitality at SUNY Cobleskill and the Center for Agricultural Development & Entrepreneurship (CADE) launched the Agriculture Innovation Center, delivering business development support to producers and entrepreneurs in the Mohawk Valley.
- The Dairy Processing Center enhanced the College's capacity to offer experiential

education opportunities to students and crucial business development services to the region's dairy producers and processors.

- Enhancement of College in the High School partnerships, including expansion of course offerings.
- University Police Department hosted its inaugural Citizens Police Academy. The ten-week program featured discussions and interactive experiences on the topics of procedural justice, implicit bias, fair and impartial policing, community policing, and use of force.

5.2 Creating global citizens

- We offered and marketed the SUNY-wide virtual offerings for study abroad and Virtual International Internships through our participation in the SUNY Study Abroad consortium and with our partnership with CIS Abroad.
- The College promoted and had a student participate in the SUNY Global Commons, a SUNY-wide virtual study abroad experience in Summer 2020.



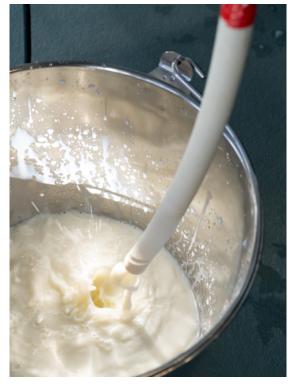


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FACTS & FIGURES

Total Undergraduate Enrollment: 2,087 Total Degree-Seeking Students: 2,079 Associate Degree Students: 530 Bachelor's Degree Students: 1,526 Certificate Students: 23

Student/Faculty ratio: 16:1 Average Class Size: 19

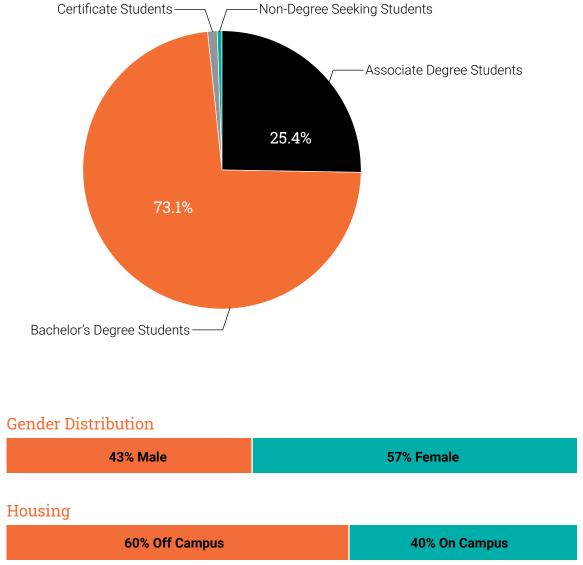
Cost

2020-2021 In-State:

Tuition: \$7,070 Fees: \$1,564 Room and Board: \$13,700

2020-2021 Out-of-State:

Tuition (Bachelor's degree): \$16,650 Fees: \$1,564 Room and Board: \$13,700





New York State

each region:

Long Island: 5%

Geographic Origins

Percent of Total Students from New York State: 90%

Percent of In-State Students from

- Capital Region: 38%
- New York City: 18%
- Hudson Valley: 12%
- Central Region: 10%
- Western Region: 7%

States Represented: 22

- Arizona
- California
- Connecticut
- Delaware
- Georgia
- lowa
- Massachusetts
- Maryland
- Maine
- North Carolina
- Nebraska
- Wyoming

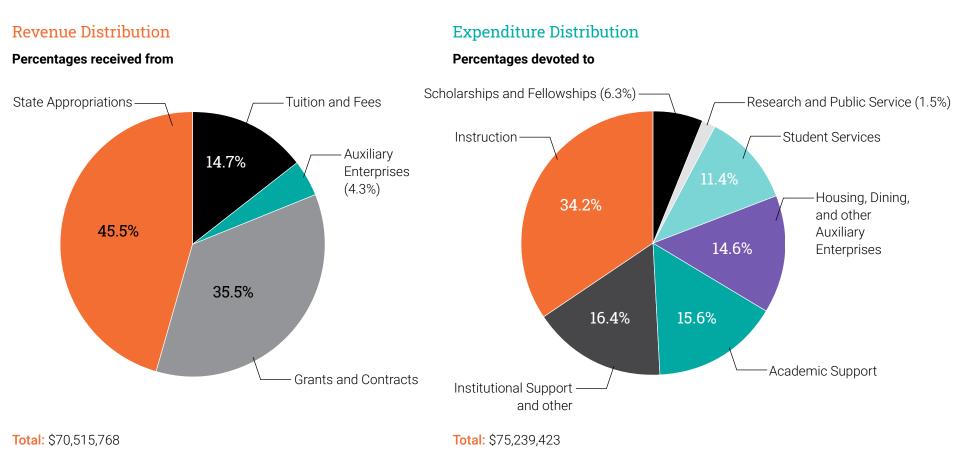
Foreign Countries Represented: 4

Brazil

- Switzerland
- People's Republic of China
- Republic of China(w/Taiwan)

- New Hampshire
- New Jersey
- New York
- Ohio
- Pennsylvannia
- Rhode Island
- South Carolina
- Texas
- Virginia
- Vermont

BUDGET





A. TELME







COLLEGE LEADERSHIP

Administration

Dr. Marion A. Terenzio President

Derwin Bennett Chief Diversity Officer

Wendy Gilman Vice President for Finance

Caleb R. Grant Associate Vice President of Enrollment

Amy K. Healy Chief of Staff

Dr. Anne Hopkins Gross Vice President for Student Development

Bonnie G. Martin Vice President for Operations

Dr. Timothy W. Moore Dean of Agriculture and Natural Resources

Dr. Gail Wentworth Dean of Business and Liberal Arts and Sciences

Dr. Tara L. Winter Chief Strategic Planning and Institutional Effectiveness Officer

John J. Zacharek Vice President for Development Executive Director, SUNY Cobleskill Foundation

Dr. Susan J. Zimmermann Provost and Vice President for Academic Affairs

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College Council

Eric Stein, Chair Susan Rightmyer Tracy E. Purcell Linda K. Cross Phil King

Jennifer McKenna (Student Rep.)

Alumni Association Officers

Pierce Randall '15 President

Emiley Purvis '03 Vice President

Brett Luce '89 Second Vice President

Geoffrey Rightmyer '95 Treasurer

Wendy Gilman Assistant Treasurer

Sonali McIntyre '09 Secretary

College Foundation Board

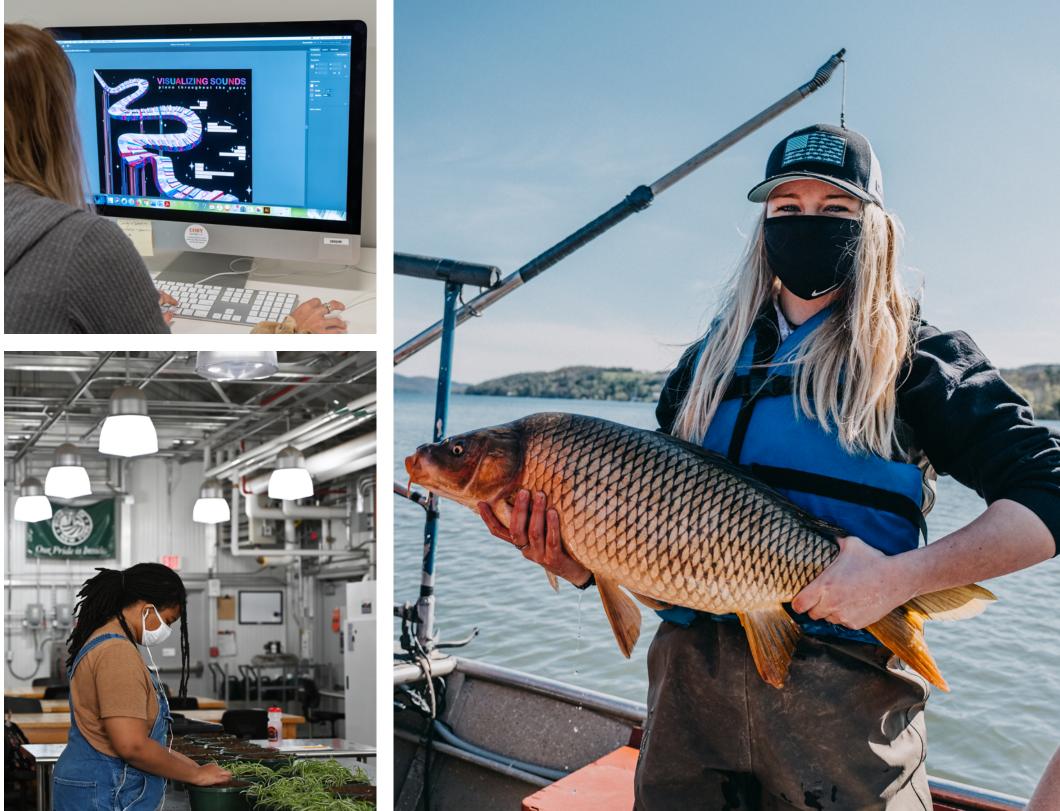
John Brust President

Judith St. Leger '85, DVM Vice President

Joanne Darcy Crum '75 Treasurer

Wendy Gilman Assistant Treasurer

Michael Ty '73 Secretary





FOUNDATION REPORT

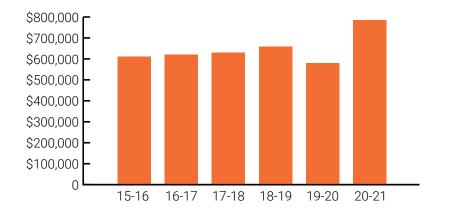
The SUNY Cobleskill College Foundation is a non-profit 501(c)(3) corporation established in 1969 to develop additional resources to enable the College to provide quality educational experiences for its students. Scholarship funds constitute the largest single use of the assets of the Foundation, while resources also support applied learning opportunities and unique academic enrichment programs.

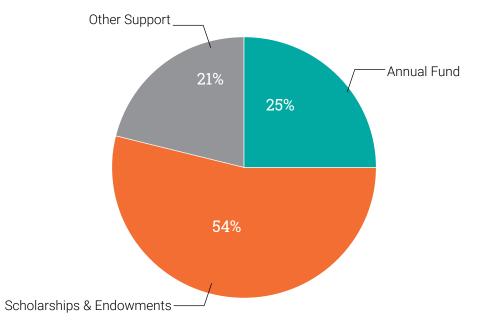
The Foundation is governed by a Board of Directors representing many diverse constituencies. Our current members are comprised of alumni and community supporters who serve without compensation to assist the College in its mission to provide the highest quality of academic service.

Financial Summary

Foundation Total: \$1,301,470 **Annual Fund:** \$326,723 Scholarship & Endowment: \$705,906 Other Giving (planned gifts, in-kind, etc.): \$268.841

Support for Student Success





Annual Fund

The College's Annual Fund gives the College the flexibility to take advantage of emerging opportunities in its applied learning enterprise. There are many easy ways to support Cobleskill's stand out education.

Scholarships

Our supporters have created lasting legacies in their endowed scholarships. A large percentage of Cobleskill students rely on the support of our generous benefactors to achieve their Coby education. Setting up an endowed scholarship allows you to see your legacy in action now.

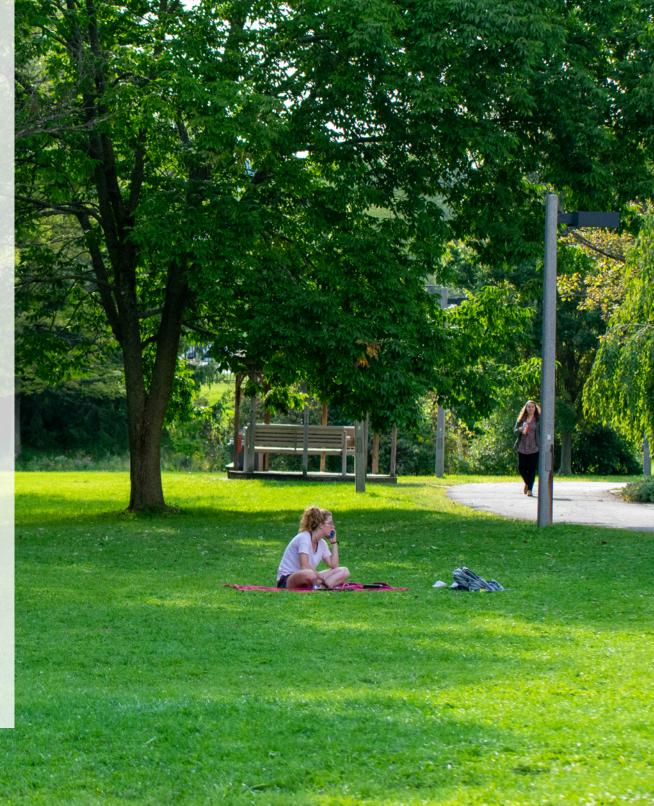
Planned Giving

Please contact the Office of College Advancement by phone at 518-255-5524 or email advancement@ **cobleskill.edu** for more information about making a lasting impact at SUNY Cobleskill.

Funding Opportunities

Many of our supporters have contributed to the College through a planned gift which is arranged now and allocated at a future date. Planned gifts are often accomplished through a will or trust. Our supporters have said this is an easy way to make a lasting impact while not affecting current finances.

Also, all donors of planned gifts qualify for membership in the Heritage Society. The Heritage Society recognizes and honors generous alumni and friends who have made a commitment to SUNY Cobleskill through their estate planning.



WAYS TO GIVE

Give Online

You can make a gift to a variety of different funds securely on our website. This is a safe and convenient way to make your gift.

By Check

Unless otherwise specified, please make all checks payable to SUNY Cobleskill Foundation. Mail your check to: SUNY Cobleskill Foundation, 106 Suffolk Circle, Cobleskill, NY 12043.

Over the Phone

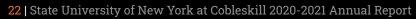
Calling us at 518-255-5524 to charge your Visa, Mastercard, or American Express with a donation is a convenient way to support the College.

More Ways to Give

Check out www.cobleskill.edu/give for more ways to support the College.

Alumni Peer-to-Peer Events

Peer-to-peer fundraising is a multi-tiered approach to crowdfunding. This means alumni and the Coby community can create custom fundraising pages that will benefit the College and the Coby community. It is a fun and festive way for alumni to stay connected. Contact the Office of College Advancement for assistance in setting this up.







GRANTS

SUNY Workforce Development: \$1.38 million

Purpose: Capital funding to expand and improve the Agricultural Engineering academic program.

USDA Workforce Development: \$499.000

Purpose: To conduct outreach to high schools, BOCES, and agriculture equipment dealers and provide technical education leading to industry recognized certificates.

National Science Foundation (NSF): \$79,000

Purpose: Further development of inclined rotary gasifier technology.

SUNY Cobleskill's rotary gasifier is moving into a new development phase with award funding through a National Science Foundation (NSF) Small Business Technology Transfer (STTR) grant totaling \$255,879. The award was given jointly to SUNY Cobleskill, the Research Foundation for SUNY, and industry partner Caribou Biofuels, Inc. for the continued development and commercialization of the inclined rotary gasifier technology that turns

waste streams into biofuels, biopower, and soil supplements.

This is SUNY Cobleskill's first grant award through the NSF. The patented gasifier technology, invented at SUNY Cobleskill by Professor David Waage, is a fully automated, portable waste-to-energy system. The unit's mobility allows it to be deployed directly to forests, farms, water treatment facilities, and other areas of biomass. From almost any combustible material it produces both gaseous and liquid fuels that are significantly higher in energy content than other similar gasification technologies.





U.S. Department of Agriculture: \$741,000

Purpose: To expand and improve services of the Farm and Food Business Incubator as it devotes efforts and resources to better horsemanship programing for veterans equip growers and producers in addressing the farming industry's diversification and profitability challenges.

Services offered to participants include valueadded product and process development, market and value chain development, facilitation of public and private investment, and access to legal advice. Participants have access to existing and newly available incubator facilities operated by the Institute on campus.

Veterans Administration Adaptive Sports: independence, well-being, and quality of life \$117,000

Purpose: Expansion of the therapeutic

The SUNY Cobleskill Therapeutic Horsemanship Purpose: To provide academic support to Program was one of 14 programs nationwide Career and Technical Education students to receive a VA Adaptive Sports Grant in 2020. Funding has allowed the College to expand equine-assisted services by offering additional sessions and acquiring a lift to allow veterans in wheelchairs an opportunity to experience (CBD) and cannabinoids such as CBG, terpenes, recreational horseback riding. The Adaptive and flavonoids, including two varieties bred by Sports Grant Program's mission is to provide students. opportunities for veterans to improve their



through adaptive sports and therapeutic arts activities.

NYSED Perkins: \$83,000

State University of New York: \$100,000

Purpose: To fund program innovations to develop two acres of industrial hemp for cannabidiol

SUNY Cobleskill began conducting industrial hemp research during the 2018 growing season, investigating the incidence and impact that diseases within New York may have on the crop which had not been grown in the area for more than 100 years. Cultivation and research are now integrated into hands-on field studies in the Plant Science program, introducing hemp production techniques, varietal trials in the field and greenhouse, and the agronomics of production. The curriculum is also adding extraction and plant and extract analysis to lab and field/greenhouse work.

The program partners with groups who look to use hemp for commercial items, including paper, clothing, textiles, biodegradable plastics, paint, insulation, biofuel, food, and animal feed.

Fish and Wildlife Recovery Challenge: \$477,000

Purpose: Reintroduction of the American Burying Beetle to suitable habitats in New York State.

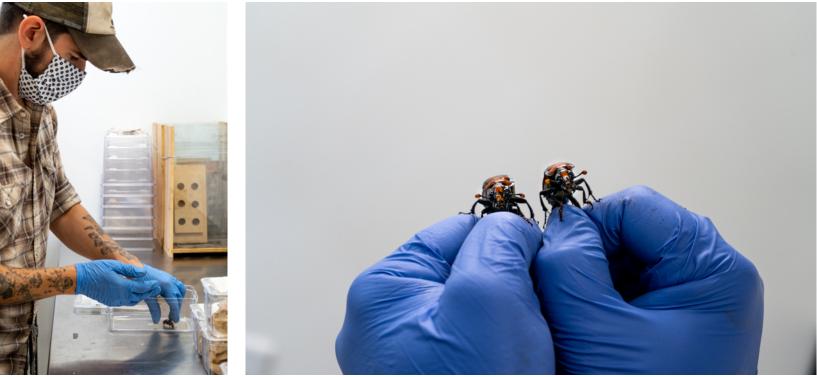


New York State. The beetle was once abundant

Dr. Carmen Greenwood, associate professor of Fisheries. Wildlife & Environmental Science

SUNY Cobleskill's Wildlife Management at SUNY Cobleskill, and more than 40 students Program has been awarded \$140,026 through have spent the past five years surveying the U.S. Fish and Wildlife Service's Recovery potential sites around Central New York and Challenge Grant initiative to reintroduce the the Capital Region, studying them for suitability American burying beetle into suitable habitats in in supporting an American burying beetle population. Breeding of beetle pairs will take across much of the United States but, as of place within the College's laboratories before the early 1900s, was reduced to only a few being released later this year. The Greenwood isolated populations, or less than ten percent Conservancy, just west of Cooperstown, N.Y. of its original range, and even these are now has emerged as the first ideal candidate for population seeding.









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