SP1 CREATIVE ACTIVITIES

Engage in path-breaking graduate education, research, scholarship and creative activities that shape the world.

BACKGROUND

To become premier, Binghamton University must enhance its graduate programs and research activities. To accomplish this, we will use our world-class research facilities to their best advantage, and we will increase recruitment of faculty and graduate students to meet the demands of increased enrollment while lowering the student-to-faculty ratio.

Our research will focus on societal, technological, economic, cultural, intellectual and aesthetic significance — all issues critical to our future — through the thoughtful development of five transdisciplinary areas of excellence. These areas of excellence will include our cutting-edge efforts in smart energy and healthcare, as well as the work Binghamton scholars are doing in the humanities, social sciences and professional schools as they explore changes in the meaning of citizenship, challenges facing societies around the world as they seek to create sustainable communities, and the role of material objects and images in shaping society and culture.

This transdisciplinary research will transform the way we think, live and learn at Binghamton as we answer important questions. But more than that, it will inspire our undergraduate and graduate students to pursue careers in which they can use the knowledge they gain at Binghamton to improve our world.

The University will foster a culture of research at all levels. Undergraduate students will be aware of and involved with research, mentored by both graduate students and faculty. Students and faculty will seek funding from alternative government and industry sources to complement our state funding.

Through the resulting growth of students, faculty and research activities, Binghamton University will lay the groundwork to seek membership in the Association of American Universities. This elite group is composed of 62 leading research institutions that shape their communities and the world. Through membership, Binghamton University will take its place among the top public and private universities in the country.

Goals & Metrics

Goal: Binghamton University is recognized nationally for outstanding doctoral education.

Metric

Binghamton's rank among 225 reporting public institutions for earned doctorates

What/How

NSF survey of earned doctorates

Why

The number of doctoral degrees awarded is an important component of being a premier research institution.

Top 80 public institutions
Goal: Binghamton University has a research, scholarship, and creative activities profile of a premier public university.

Metric
Binghamton's research rank among 70 reporting public institutions (without medical schools)

What/How
Based on research and development expenditures reported in the NSF HERD survey

Why
University with large research expenditures are more highly regarded as research universities

Target
Top 40 public institutions by 2025

Goal: Binghamton University has a collaborative culture for research, scholarship, and creative production.

Metric
Number of collaborations among tenure and tenure-track faculty

What/How
Average number of collaborations per faculty member; includes journal articles, conference proceedings, books and federal grants

Why
In order to solve the world's complex problems, multiple perspectives are necessary and we encourage faculty to work together.

Target
2 by 2020
Goal: The research, scholarship and creative activities at Binghamton University significantly enhance and enrich society.

Metric
Dollar value of technology transfer and commercialization activities

What/How
Activities include royalties, equity in companies, grants to companies, company jobs, company fundraising as reported by the Office of Entrepreneurship and Innovation Partnerships (EIP)

Why
The commercialization metric is one measure of technology transfer activities at Binghamton University.

Target
$10M by 2025
SP2

Provide a transformative learning community that prepares students for advanced education, careers and purposeful living.

BACKGROUND

As the 21st century learning environment continues to change rapidly with the popularity of online education, MOOCs (massive open online courses) and “flipped” classrooms, Binghamton must offer students a unique and transformative learning experience. Through innovative classroom environments, high-impact learning experiences and encouragement of learning outside the University’s walls, Binghamton graduates will continue to stand out.

Binghamton will incorporate high-impact learning experiences into every student’s curriculum. These experiences will allow our students to become global citizens, successful professionals and lifelong learners. Through internships and externships, undergraduate research, service-learning and study-abroad experiences, students will prepare themselves for successful, fulfilling and meaningful lives.

We will adapt the University’s infrastructure to support the changing needs of students. We will experiment with “flipped” classrooms, create opportunities for self-paced learning and explore alternatives to the traditional semester. Our students will be more engaged with their academic advisors to ensure success and a supportive environment. Faculty will have access to greater support for pedagogical innovation and experimentation from a redesigned and more robust Center for Learning and Teaching.

Binghamton students will continue to thrive in an environment that facilitates and nurtures deep learning and challenges them to apply what they learn in the lab, the community and the workplace. These experiences will prepare Binghamton students to become leaders in their professions, their communities and the world.

Goals & Metrics

Goal: The Binghamton University student experience is characterized by robust and equitable access to high impact practices (HIPs) identified as institutional priorities

Metric

High Impact Learning Experiences

What/How

Binghamton University considers study abroad, internships, capstones, undergraduate research and service learning as High-Impact Learning Experiences.

Why

This defines the Binghamton Experience by bringing richness and depth to the educational experience.

Target

100% by 2026
Goal: Undergraduate students graduate in four years

Metric
Four-year graduation rate

What/How
Percentage of entering fall freshman cohort that graduates within 4 years

Why
This is a nationally-recognized primary metric for higher education success

Target
75% by 2026
† Goal: Undergraduate students graduate in six years

**Metric**
Six-year graduation rate

**What/How**
Percentage of entering fall freshman cohort that graduates within 6 years

**Why**
This is a nationally-recognized primary metric for higher education success

**Target**
85% by 2026

† Goal: First-year retention rate over time

**Metric**
First-year retention rate

**What/How**
Percentage of entering fall freshman cohort that returns for sophomore year

**Why**
Leading indicator for graduation rate

**Target**
93% by 2026
SP3

Unite to foster a diverse and inclusive campus culture.

BACKGROUND

Becoming the premier public research 1 university requires commitment and contribution from all members of the University community, and an environment that mirrors our broader community and the world in which we live; one that reflects the workplace of the 21st century and welcomes the insights of individuals from many perspectives and cultural traditions. Consequently, our campus community has made diversity, equity, inclusion and belonging a priority. As our enrollment grows, so must our efforts to ensure that every member of our campus is valued as an integral and fundamental part of the fabric of Binghamton University.

The creation of our Division for Diversity, Equity and Inclusion (DEI) and the elevation of our new vice president for diversity, equity and inclusion (who began in 2020) — to lead our strategic and unified efforts ensure that we are not only diverse, but also inclusive. A dedicated staff person in each of the University’s divisions provides the support needed to guarantee and support our success. Our University, through these individuals, models a philosophy of equity and inclusiveness and a value system that will be represented in Binghamton’s student body, faculty and staff, and serve as a reminder that diversity is the key to becoming the premier public research 1 university.

To enhance the diversity of our student body, the University offers several programs that provide financial, advising and academic support to students from underserved communities. These programs include our Educational Opportunity Program, the Louis Stokes Alliance for Minority Participation Program, the Bridges to the Baccalaureate Program, the Bridges to the Doctorate Program and the Ronald E. McNair Postbaccalaureate Achievement Program. We will continue to strengthen these programs so that they will become even more effective in helping our students achieve academic and future success. We also will increase the number and value of scholarships to aid in recruiting diverse students. Our classroom infrastructure will adapt to be inclusive of the needs of all students. With an adaptive technology specialist, Binghamton’s classrooms and learning materials will be fully responsive to the specific needs of each student to ensure accessibility.

Goals & Metrics

Goal: Binghamton University has a diverse campus community: students, faculty and staff.

Metric

% URM graduate students

What/How
Under-represented minority means historically underrepresented groups in higher ed (i.e. African American/Black, Latinx, Native American/Alaskan Native, Pacific Islanders). This number excludes non-race affiliated or those that indicate unknown from the denominator.

Why
These groups have been and continue to constitute a smaller percentage in higher ed than in the general population as a result of marginalization and institutionalized racism.

Target
Goal: Binghamton University has a diverse campus community: students, faculty and staff.

**Metric**

% URM undergraduate students

**What/How**

Under-represented minority means historically underrepresented groups in higher ed (i.e. African American/Black, Latinx, Native American/Alaskan Native, Pacific Islanders). This number excludes non-race affiliated or those that indicate unknown from the denominator.

**Why**

These groups have been and continue to constitute a smaller percentage in higher ed than in the general population as a result of marginalization and institutionalized racism.

**Target**

Goal: Binghamton University has a diverse campus community: students, faculty and staff.

**Metric**

% URM faculty

**What/How**

Under-represented minority means historically underrepresented groups in higher ed (i.e. African American/Black, Latinx, Native American/Alaskan Native, Pacific Islanders). This number excludes non-race affiliated or those that indicate unknown from the denominator.

**Why**

These groups have been and continue to constitute a smaller percentage in higher ed than in the general population as a result of marginalization and institutionalized racism.

**Target**
Goal: Binghamton University has a diverse campus community: students, faculty and staff.

Metric

% URM staff

What/How

Under-represented minority means historically underrepresented groups in higher ed (i.e. African American/Black, Latinx, Native American/Alaskan Native, Pacific Islanders). This number excludes non-race affiliated or those that indicate unknown from the denominator.

Why

These groups have been and continue to constitute a smaller percentage in higher ed than in the general population as a result of marginalization and institutionalized racism.

Target
Goal: Binghamton University has diversity in the content of courses, programs, and experiences.

**Metric**
Number of P and/or D courses offered each academic year

**What/How**
Number of students that enroll in courses meeting either the Pluralism in the United States (P) or Diversity: Equity, Inclusion and Social Justice (D) general education designation.

**Why**
Increasing the cultural and intellectual diversity of our campus is an important component of being a premier research institution.

**Target**
100 courses every academic year

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Goal: Binghamton University has diversity in the content of courses, programs, and experiences.

**Metric**
Number of Students who completed P and/or D courses each academic year

**What/How**
Number of students that complete courses meeting either the Pluralism in the United States (P) or Diversity: Equity, Inclusion and Social Justice (D) general education designation.

**Why**
Increasing the cultural and intellectual diversity of our campus is an important component of being a premier research institution.

**Target**
4000 students every academic year
Goal: Binghamton University has a climate supportive of all students, faculty and staff.

**Metric**
Campus Pride Index

**Why**
A culture of diversity, equity, and inclusion translates into success for our students.

**Target**
4.5 by 2026
Foster community engagement that benefits faculty, students and community partners.

BACKGROUND
Binghamton University understands the value of collaboration and will continue to establish partnerships throughout the region, New York state and beyond. Through these partnerships with community organizations, businesses and agencies, Binghamton University will become a model of community engagement that will revitalize communities while centering mutuality and reciprocity with our partners.

Binghamton University will foster a culture of engagement for all campus constituents through community-engaged teaching, learning and research, and involvement in our communities. First, students will participate in activities that engage them interpersonally within the local community. They will participate in community experiences that develop character traits to better contribute to community and civic life while addressing shared goals with the community. Additionally, faculty and staff will work closely with students and the local community to develop an approach for teaching and learning that integrates purposeful community partnerships with instruction and reflection to enrich the learning experience, support civic development and strengthen communities.

As soon as new students step on campus, they will have opportunities to engage in service and philanthropic activities. Their coursework will include community components such as capstone projects, internships and group service projects. From the start, Binghamton will integrate a culture of community service into the student experience.

Through these efforts, Binghamton University students will become more than outstanding academics. They will grow into informed, conscientious citizens who develop improved social responsibility and solid citizenship skills that can lead to greater community and civic involvement after their time at Binghamton.

Faculty and staff will build stronger relationships within the communities they live and with students. Faculty will discover additional avenues for research and publications via newfound relationships between themselves and the community, while at the same time finding networking opportunities with other faculty or institutions.

As part of our commitment to community engagement, Binghamton is pursuing the Carnegie Elective Classification for Community Engagement.

Goals & Metrics

Goal: Binghamton University faculty and staff collaborate with the community through their engaged teaching and scholarship.

<table>
<thead>
<tr>
<th>Metric</th>
<th>Number of faculty</th>
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<tbody>
<tr>
<td>What/How</td>
<td>Number of faculty reporting community-engaged scholarship on their Annual Faculty Report</td>
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<tr>
<td>Wh</td>
<td>Community-engaged scholarship increases the relevance of research</td>
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<td>ar et</td>
<td>100 by 2026</td>
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</tbody>
</table>
Goal: Binghamton University faculty and staff collaborate with the community through their engaged teaching and scholarship.

Metric
Number of faculty

What/How
Number of faculty offering designated community-engaged learning courses

Why
Community-engaged learning benefits both students and community organizations

Target
45 by 2026

Goal: Binghamton University faculty and staff collaborate with the community through their engaged teaching and scholarship.

Metric
Number of courses

What/How
Number of community-engaged learning courses offered

Why
Community-engaged learning benefits both students and community organizations

Target
70 by 2026
Goal: Binghamton University students are engaged in their communities.

**Goal:** Binghamton University students are engaged in their communities.

**Metric**
Number of students

**What/How**
Number of students enrolled in community-engaged learning courses

**Why**
Community-engaged learning benefits both students and community organizations

**Target**
1200 by 2026

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Goal: Binghamton University students are engaged in their communities.

**Goal:** Binghamton University students are engaged in their communities.

**Metric**
% of students

**What/How**
Percentage of students engaging in co-curricular activity as reported to B-Engaged

**Why**
Student volunteerism is important in creating a lifelong practice of community involvement

**Target**
40% by 2026

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Goal: Binghamton University students are engaged in their communities.

- **Metric**: Rate
- **What/How**: Difference between BU student rate of voting and NSLVE benchmark
- **Why**: Student voting is important in creating engaged citizens
- **Target**: No difference from NSLVE benchmark

Goal: Binghamton University staff and faculty volunteer in their communities.

- **Metric**: % of faculty
- **What/How**: Percentage of faculty reporting community service on their Annual Faculty Report
- **Why**: Faculty and staff have valuable skills and knowledge to share with their communities
- **Target**: 60% by 2026
Goal: Binghamton University staff and faculty volunteer in their communities.

**Metric**
% of staff

**What/How**
Percentage of staff reporting community service on Professional Staff Senate survey

**Why**
Faculty and staff have valuable skills and knowledge to share with their communities

**Target**
75% by 2026

Goal: Binghamton University and the community engage in mutually beneficial relationships.

**Metric**
% of organizations

**What/How**
Percentage of organizations agreeing or strongly agreeing

**Why**
Working with organizations should be mutually beneficial— not a burden to one of the participants

**Target**
75% by 2026
Optimize the acquisition and allocation of human, technological, financial and physical resources.

BACKGROUND

Binghamton University enjoys an ever-increasing national and international recognition for academic quality, innovative research and scholarship, and educational value. Our economic development partnerships with the community and state are strong, as are our educational outreach and service initiatives. With our growing regional presence, highlighted by the planning and on-going construction of our new Health Sciences Campus in Johnson City, N.Y., we are well-prepared to build on our role as a leader in higher education. Binghamton University’s educational programs and research activity have grown substantially over the past 20 years. Over the past 10 years, we have seen almost 20% growth in our undergraduate and graduate enrollments. We have also greatly expanded our research efforts and research activity across campus continues to grow at an accelerating rate. All of this is accomplished while fostering a broad and inclusive campus culture.

Supporting such growth in research and educational opportunities is a major challenge for the University. As we add new educational programs, we lack sufficient classrooms to accommodate student demand and that are needed to ensure students can enroll in the classes needed for timely graduation. Increasing the number of research-activity faculty requires facilities and laboratory space beyond our current capacity. Many of our buildings were constructed in the 1960s, leaving today’s faculty constrained by spaces that were not built to accommodate current pedagogical and research activities. Support for new facilities, and the innovative use of existing facilities, is critical to our continued success.

In addition, the recruitment and retention of diverse and talented faculty and staff is critical. We must enhance our programs and strategies related to recruitment and the creation of a welcoming environment to ensure successful transitions to our community as well as continually support the professional development of faculty and staff throughout their careers. We must also explore ways to maximize the extraordinary talents of our current employees while implementing technology, when possible, in areas that are hard to recruit.

Moving forward, Binghamton University must continue to work to maximize the acquisition of new resources, including money, space and partnerships. We must be diligent as we recruit and obtain these resources, and we must manage them well, since the external competition for these scarce resources is high. These resources include state support through the SUNY allocation process; direct, legislative state support; tuition/fee revenue; federal appropriations; research avenues, funds generated by housing and dining services; philanthropic support; and other revenue opportunities through the Binghamton University Foundation. Vice presidents, deans and departments that own these resources must use them wisely to meet goals they have set and to enable their areas and the University as a whole to achieve the established Strategic Priorities. The work and outcomes of SP5 supports and enables the success of all the strategic priorities.
Goal: Binghamton University has the financial resources necessary to achieve the University's goals

Metric
Revenue per Annual Average Full Time Equivalent (AAFTE) Student

What/How
Calculated as (State Support + Tuition)/AAFTE Student

Why
Measures level of adequate level of financial resources to achieve the mission

Target
$12,500 by 2026

Goal: Binghamton University has the financial resources necessary to achieve the University's goals

Metric
Endowment Growth

What/How
Investable income from donated funds.

Why
To provide current income to support the programs of the University while growing the principle and income over time to increase the purchasing power of the fund.

Target
$200 million by 2026
Goal: Binghamton University has the financial resources necessary to achieve the University’s goals

Metric
Foundation/Advancement Support to Campus

What/How
The amount of donated funds that were utilized in a given year.

Why
Supports Campus Initiatives.

Target
$25 million by 2026

Goal: Binghamton University has the financial resources necessary to achieve the University’s goals

Metric
% of Alumni Giving

What/How
% of Undergraduate Alumni Giving

Why
Measures level of alumni commitment

Target
7% by 2026
Goal: Binghamton has faculty and staff resources that ensure a premier educational experience

**Metric**
Student / Tenure Track Faculty Ratio

**What/How**
Full Time Equivalent (FTE) Student / Full Time Equivalent (FTE) Tenure Track Faculty

**Why**
Measures quality of instruction and student satisfaction

**Target**
25 by 2026

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Goal: Binghamton has faculty and staff resources that ensure a premier educational experience

**Metric**
Student / Faculty Ratio

**What/How**
Full Time Equivalent (FTE) Student / Full Time Equivalent (FTE) Faculty

**Why**
Measures quality of instruction and student satisfaction

**Target**
18 by 2026
Goal: Binghamton has faculty and staff resources that ensure a premier educational experience

Metric
Faculty Attrition Rates

What/How
Calculates the % of faculty that have left the University, excluding retirements

Why
Measures job satisfaction and the University’s ability to retain faculty. Since a healthy organization needs some turnover, the target is an optimum, not a maximum.

Target
Maintain 4%

Goal: Binghamton has faculty and staff resources that ensure a premier educational experience

Metric
Staff Attrition Rates

What/How
Calculates the % of staff that have left the University, excluding retirements

Why
Measures job satisfaction and the University’s ability to retain staff. Since a healthy organization needs some turnover, the target is an optimum, not a maximum.

Target
Maintain 5%
Goal: Binghamton has the technological resources of a premier public university

Metric
Faculty/staff satisfaction

What/How
Annual survey to measure student/faculty/staff satisfaction with technological services

Why
Assures that the campus continues to meet the technological needs of the campus community

Target
90% by 2026

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Goal: Binghamton has the technological resources of a premier public university

Metric
Student satisfaction

What/How
Annual survey to measure student/faculty/staff satisfaction with technological services

Why
Assures that the campus continues to meet the technological needs of the campus community

Target
80% by 2026
Goal: Binghamton University has the physical infrastructure of a premier public university

**Metric**
Facilities Condition Index

**What/How**
FCI = Immediate Renewal (Repair) / Current Cost of Replacement

**Why**
Life cycle modeling which identifies capital investment needs

**Target**
10% by 2026
SP6
Support, promote and enhance strategic internationalization efforts through high-impact learning, teaching, research and engagement.

BACKGROUND
We live in a world that has been profoundly changed and enriched by the internationalization of almost every aspect of our lives from commerce and research to food and cultural production.

To prepare our graduates to take advantage of the opportunities offered and the challenges created by life in a world that is increasingly interdependent, Binghamton aspires to create curricular, co-curricular and cultural opportunities for all students, faculty and staff that will help them experience and learn deeply about the world and peoples beyond our borders.

By becoming a preferred destination for students, faculty and staff from around the world, Binghamton aspires to attract the world’s best and brightest and create a diverse and inclusive campus where individuals from a wide variety of national and cultural backgrounds interact and learn from and with one another.

As Binghamton benefits from the talent and perspectives of international students, it will provide them with unparalleled opportunities to succeed as students, researchers and professionals who will make a difference in the world.

Through partnerships with universities, non-governmental organizations and colleagues around the world, Binghamton will strengthen its research; offer opportunities to its students, faculty and staff as well as to students and faculty from our partners; and make a positive impact on the world and the many challenges it faces.

Goal: Binghamton University is a diverse and inclusive community that actively promotes the integration of international students on campus.

Metric
Percentage of international students participating in an inclusive, long-standing activity/event coordinated by University offices, specifically ISSS, IEGI, ELI and MRC.

What/How
Office-hosted events or activities that account for international student participation, as tracked by B-Engaged.

Why
A campus community that is welcoming for all students increases communication among diverse groups, broadens cultural horizons, challenges stereotypes, and provides an awareness that is critical to contribute to and effectively participate in a global workforce.

Target
20% of the international student population will participate in at least one long-standing program coordinated by ISSS, IEGI, ELI, and/or MRC per year.
Goal: Binghamton University prepares international students for successful career pathways.

Metric
Number of career pathway opportunities utilized by international students.

What/How
hireBING, SASSE Data, B-engaged, and Interstride Data.

Why
Binghamton University is a premier public university that promotes positive career outcomes for international students.

Target
International students will participate in 2,000 career pathway experiences (on-campus work, TA/RA/GA/SA, CPT, OPT, volunteer work).

Goal: Binghamton University promotes meaningful cross-cultural, extra- and co-curricular interactions between domestic and international students.

Metric
Percentage of the total student body participating in a long-standing, cross-cultural activity/event coordinated by the Student Association (SA) and/or Graduate Student Organization (GSO).

What/How
SA/GSO-hosted events or activities that foster international and domestic student engagement, as tracked by B-Engaged.

Why
Events that cultivate meaningful interactions between domestic and international students also enable internationalization to permeate campus-wide.

Target
10% of the student body will participate in a long-standing cross-cultural program coordinated by the SA and/or GSO.
† Goal: Binghamton University students, faculty, staff and alumni have a positive impact on the global community.

<table>
<thead>
<tr>
<th>All Metric</th>
<th>Number of active international partnerships/activities involving Binghamton faculty, staff, and students.</th>
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</thead>
</table>

**What/How**
Faculty self-report global impact/footprint for themselves and their students in the annual faculty report, formally signed agreements with an international scope, and number of activities with international vendors.

**Why**
As a premier public university, Binghamton actively engages with international connections in multiple ways that enhance its reputation globally.

**Target**
Maintain at least 1,000 interactions each year, including partner applications, partnership agreements and events with international touchpoints.

† Goal: All Binghamton University students, faculty, and staff have opportunities to develop a broader understanding of the world.

<table>
<thead>
<tr>
<th>All Metric</th>
<th>Number of students participating in education abroad programs and international internships.</th>
</tr>
</thead>
</table>

**What/How**

**Why**
High impact education abroad experiences foster engagement with other cultures impacting all involved.

**Target**
Return to sending 500 students abroad per year, within 2 years, and 10% increase per year for the next 3 years.
Note: Education Abroad reporting runs Summer through Spring. (Ex. Summer 2022 through Spring 2023)
Goal: Binghamton University is a Premier Choice for International Students.

Metric
Increase the overall international deposits at the undergraduate level.

What/How
Improve our brand to make Binghamton University a desirable academic destination.

Why
A diverse student body has many social and cultural benefits not only for domestic students but also for the Binghamton University and the Binghamton community as a whole.

Target
200 deposits each year by July 1.

Goal: Binghamton University is a Premier Choice for International Students.

Metric
Increase the overall international deposits at the graduate level.

What/How
Improve our brand to make Binghamton University a desirable academic destination.

Why
A diverse student body has many social and cultural benefits not only for domestic students but also for the Binghamton University and the Binghamton community as a whole.

Target
Binghamton University has an international student percentage share of 0.45 for graduate students.