



BSU is at 1001+ in Global Impact Rankings

Benguet State University (BSU) has once again made its mark on the global stage by securing a position in the prestigious Times Higher Education (THE) Impact Rankings. BSU is now among the top 1001+ universities in the world for its dedication to having a beneficial social and environmental impact. The award confirms the university's consistent commitment to projects that benefit the community and the environment.

BSU was also ranked according to its contributions to the United Nations Sustainable Development Goals (SGDS). The University is Rank 301-400 in SDG 3 – Good Health and Well-Being, which evaluates universities' support for the healthcare professionals, their research on important diseases and conditions, and the wellbeing of their students and employees.

There are 1,218 universities on the list, representing 106 nations and regions.

Under SDG 4- Quality Education, BSU ranked 1000+. This category measures universities' contribution to early years and lifelong learning, their pedagogy research, and their commitment to inclusive education. The list includes 1,304 universities from 109 countries/regions.

For SDG 15 - Life on Land, BSU is at Rank 301-400. SDG 15 monitors the study of life, as well as the teaching of and support for terrestrial ecosystems, at universities. The list includes 586 institutions from 80 countries/regions.

Finally, BSU is at Rank 801-1000 under the SDG 17 – Partnerships for the
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CA Dominates USRC 2023

The College of Agriculture (CA) received the most number of awards during the 7th University Student Research Congress held on June 22-23, 2023 at the Research and Extension complex. Student participants from the college received eight best paper awards.

Other colleges that obtained awards during the congress include the College of Numeracy and Applied Sciences (CNAS), College of Forestry (CF), College of Natural Sciences (CNS) College of Home Economics and Technology (CHET), College of Arts and Humanities (CAH), College of Veterinary Medicine (CVM), College of Social Sciences (CSS) and College of Teacher Education (CTE).

Student participants from CA got all three awards under the Science & Technology Agriculture, Aquatic, Natural Resources (S&T AANR) category graduate level. The 1st best paper is "Quality of Philippine Native Chicken Egg and Survivability of Chicks as affected
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Dr. Carlito P. Laurean, a retired professor and former Vice-President for Research and Extension and Director of the CORCAARD, giving his message to participants during 7th University Student Research Congress held on June 22-23, 2023.

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Adamson Nga-eo Labi

LAY-OUT ARTIST

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Elsie Maammo Bawayan
Onofre Jr. Galleo Dacocot
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Prince Jheruel Dapuyen Gadang
Jennyline S. Tabangcura

PHOTOGRAPHERS

Prince Jheruel Dapuyen Gadang
Elsie Maammo Bawayan
Onofre Galleo Dacocot Jr.
Mikhail Hieras Del Rosario
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Valerie Bañez (BS Information Technology Intern)
Jomari Depaynos (BS Information Technology Intern)

CONTRIBUTORS

Alma D. Santiago
International Relations Office
College of Human Kinetics

CIRCULATION STAFF

UPAO Staff
Records Office

CONSULTANTS

Felipe Salaing Comila
Samuel Salay Poliden
Norma Palaci Banania
Allan Casaldo Sacpa
Johnny Guzman Dati, Sr.

First published in 1996, *Shamag* is one of the official publications of Benguet State University. It was named after the Ibaloi word for news. It is a medium for employees, clients, students and partners to disseminate their programs, achievements and advocacies. *Shamag* aims to help the University goals in developing proactive programs for quality service by developing effective and efficient innovative platforms for cascading information and strengthening public-private partnerships.

Articles, pictures, comments, suggestions, reactions, and letters to the Editor may be submitted to the Editor or Associate Editor of *Shamag* at the Benguet State University Public Affairs Office through (074) 422-2127 loc. 69 or through email at publicaffairs@bsu.edu.ph.

Submitted materials will be acknowledged but Editors will determine whether materials submitted for publication shall be printed based on the Filipino Journalist's Code of Ethics. The editors also reserve the right to edit submitted materials for mechanics. The *Shamag* is guided by the journalistic standards of the Associated Press. Any opinions expressed are those of the writer and do not necessarily reflect the views or opinions of the *Shamag* staff.

VISION

BSU as an International Smart University engendering graduates to walk the intergenerational highways.

MISSION

BSU CARES to: Challenge innovation, Advance technology and facility, Revitalize administration, Engender partnership, and Serve intergenerational role.

DEVELOPMENT GOALS

Goal I. Challenge Innovation in the four fold functions of the University

Objectives:

1. **(Instruction)** To provide quality education responsive to the needs of time;
2. **(Research)** To enhance research productivity contributing to sustainable development;
3. **(Extension)** To disseminate relevant research outputs and other scholarly activities consistent with BSU's mandated programs;
4. **(Production)** To promote sustainable and appropriate resource generation strategies for the implementation of development plans; and
5. **(Administration)** To advocate for resource management and effective energy efficiency in addressing the demands of climate change.

Goal II. Advance Technology and Facility by shaping the University become responsive to modern needs.

Objectives:

1. **(Instruction)** To use information and communication technology learning resources to sustain and enhance quality of alternative teaching - learning continuity endeavors;
2. **(Research and Extension)** To upgrade facilities and enable researchers/extensionists to conduct activities using specialized facilities;
3. **(Production)** To acquire and upgrade state-of-the-art facilities in the projects innovation; and
4. **(Administration)** To upgrade facilities and establish modern physical infrastructures.

Goal III. Revitalize Administration by harmonizing performance monitoring, information, and reporting systems.

Objectives:

1. To elevate the BSU PRIME-HRM to a level of excellence for good governance and efficient public service;
2. To reinforce transparency, integrity, and objectivity in the delivery of service;
3. To regenerate instruction, research, extension, production, linkages, governance, management, and policies; and
4. To streamline operations to be efficient, effective, and responsive to challenges and changes.

Goal IV. Engender Partnership by proactively strengthening linkages

Objectives:

1. **(Instruction)** To establish academic partnerships with local, regional, national, and international institutions providing educational opportunities for faculty, staff, and students;
2. **(Research)** To increase and sustain university relations with academe, industries, GOs, NGOs, and LGUs for research funding;
3. **(Extension)** To increase and sustain partnership with academe, LGUs, NGOs, Industries, and others; and
4. **(Production)** To comply with existing laws, policies and other requirements.

Goal V. Serve Intergenerational Role by revitalizing the Spiritual, Physical, Economical, Cultural, Intellectual, Emotional, and Social (S.P.E.C.I.E.S.) state.

Objectives:

1. To offer programs that embody social, cultural, economic and developmental needs both for local and global markets;
2. To champion local culture and languages in the University context through research, extension, and academic programs;
3. To document best practices of the University.

AdCo Action No. 03, s.2021

Quality Policy

Benguet State University is continuously committed to improve its Quality Management System, satisfy requirements of relevant interested parties and provide excellent service for quality education and innovative research aligned with sustainable development and client satisfaction.

Board Resolution # 2847 S.2016

SUCs and LGU Benchmark BSU's Best Practice

Benguet State University welcomed delegates from different State Universities and Colleges (SUCs) and Local Government Unit (LGU) seeking to enhance their own practices by learning from BSU's successful models.

MSC Visits BSU: Enhancing Teacher Education Accreditation

On June 13, 2022, Marinduque State College (MSC) representatives led by Assistant Vice-President for Academic Affairs Raoul Jay Magcamit visited BSU in preparation for their BSED Program Level IV Accreditation. During their visit, MSC delegates interacted with College of Teacher Education (CTE) Dean Dr. Divina M. Yango and Office for Quality Assurance and Accreditation Director Dr. Beverly Sa-ao, among others.

The discussions covered best practices on accreditation of teacher education, knowledge

sharing, and academic networking. A comprehensive tour of the university library and research and extension sector provided deeper insights into the institutional standards of BSU.

PSU Explores Academic-Related Best Practices

On June 14, 2023, Pangasinan State University (PSU) sent a team of heads and faculty members to BSU to gather academic-related best practices. Topics of discussion included faculty and student exchange programs, internships, linkages, and other academic matters. The team from PSU engaged with counterparts from BSU's College of Arts

and Humanities, College of Numeracy and Applied Sciences, and College of Natural Sciences. The exchange aimed to foster collaboration and elevate academic standards in both institutions.

TSU-CFTR Benchmarks BSU's IGP, ATBI/IC, and FSRIC

Tarlac State University - Center for Food Technology and Research (TSU-CFTR) headed by Director Prof. Leah T. Matia visited BSU for a benchmarking activity on June 21, 2023. The focus was on BSU's Income Generating Projects (IGP), Agri-Based Technology Business

Incubator/ Innovation Center (ATBI/IC), and Food Science Research and Innovation Center (FSRIC). President Felipe Salaing Comila delivered an inspirational message during the courtesy call. The TSU-CFTR team gained valuable insights from BSU's Vice-President for Business Affairs Norma Palaci Banania and had a fruitful discussion with personnel from ATBI/IC and FSRIC. The visit also included a tour of the facilities, where the group was particularly interested in the equipment used.

DA-CAR Explores IGP and Food Processing Practices

Delegates from the Department of Agriculture

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Marinduque State College (MSC) after their discussion with the College of Teacher Education, headed by Dr. Divina M. Yango.

BSU at rankings...from page 1

Goals examines the more extensive ways that universities promote the SDGs through international cooperation, the promotion of best practices, and the publication of data. There are 1,625 institutions from 112 nations and regions on the list.

Only The Times Higher Education (THE) Impact Rankings provide an international comparison of university performance to the Sustainable Development Goals (SDGs) of the United Nations. The THE Impact Rankings compare thoroughly and fairly across four major categories: research, stewardship, outreach, and teaching. This is done using properly calibrated indicators. The fifth edition of the Impact Rankings, which comprise 1,591 universities from 112 countries and regions, was released this year.

According to BSU President Felipe Salaing Comila, this recognition is another leap in achieving the university's vision gearing towards "International Smart University engendering graduates to walk the intergenerational highways."

Benguet State University's impressive ranking in the Times Higher Education Impact Rankings highlights its dedication to sustainable development and environmental stewardship. By nurturing a generation of socially responsible individuals and promoting collaborative partnerships, BSU has emerged as a beacon of hope for a better, more sustainable world.//OGDacocotJr.

BSU Hosts PATHWAY Workshop on the National Entrepreneurship Competencies Framework

In a meeting held at the Benguet State University on June 14-15, 2023, the PATHWAY team for Work Package 1 facilitated workshops and deliberations to polish the National Entrepreneurship Competencies Framework proposal. This was participated by project partners face to face and through Zoom. The result will be proposed for adoption to the Philippine National Government with the endorsement of the Commission on Higher Education.

On June 14, the participants of the said meeting were welcomed by BSU President Felipe Salaing Comila and Dr. Stanley F. Anongos, BSU Special Assistant for International Affairs. This was followed by presentations of project partners on the definitions of Entrepreneurial Competencies and how they can be integrated into the curriculum. The framework includes 25 entrepreneurial competencies categorized into Entrepreneurial Mindset to Resource Management; Sense of Ownership to Sustainable Thinking; Self Esteem to Upskilling and Reskilling; Product Development & Innovation Skills to Leadership Flexibility; and Ethical Mindset to Motivational Skills. Deliberations were done after each presentation in order for the participants to arrive at a consensus on how each competency would be defined. In the afternoon, comments from the Department of Labor and Employment (DOLE) and the Department of Trade and Industry (DTI) were deliberated and incorporated into the framework.

Day 2 of the meeting began with a visit to the BSU Agri-based Technology Business Incubator Innovation Center. Participants spent the rest of the day presenting and deliberating on how Entrepreneurial Competencies can be integrated in the curriculum, the skills needed to be manifested in each competency, the performance success indicators with rubrics, the teaching-learning activities for the specific competencies and the extra-curricular activities among students to develop and demonstrate entrepreneurial skills. They also presented the existing and future activities towards promoting the entrepreneurial competencies they discussed in their respective universities.

The Pathway Project, where BSU is a partner, is co-funded by the European Union and it aims at enhancing the entrepreneurship and employability culture of Higher Education Institutions in the Philippines, to meet labor market needs and government reforms.//JSTabangura



The PATHWAY Task Force 1 with BSU officials.

CA Dominates...from page 1

by Storage Duration and Shape" Index by Triel Felix. The 2nd best paper is "Survey and Mapping of Plant-parasitic Nematodes in White Maize in the Province of Isabela" by Emmanuel Lacueva and the 3rd best paper is "Reassessment of Mercury Levels in the Selected Agricultural Farms Grown with cabbage in Nan-agto, Natubleng Buguias, Benguet" by Cristy Cadiogan.

In the S&T AANR category undergraduate level, the 1st best paper is "Biomass, Carbon Stock and Economic Value Assessment of Daclan Communal Forest Parcel IV in Tublay, Benguet" by Roshel Bagangan, Nayvie Carantes and Ruthlayne Taynan from CF. The 2nd best paper is "Floral Diversity Assessment and Community Appraisal for Forest Ecosystem Importance, Issues, and Management Practices of Mt. Natoo in Sebang, Buguias, Benguet, Philippines" by Johndale Rein Bullong and Jim Siverio. The 3rd best paper is "Floral Diversity, Carbon Stock, and Ecotourism Management of Puguis Communal Forest, La Trinidad, Benguet" by Christian Wallace David, Hannah Kate Pasi, and Hazel Keith Tayab. The awardees are from CNS.

In the S&T Food, Industry, Energy and Emerging Technologies (S&T FIEET) category graduate level, the best paper is "Multilayered Ifugao-weaved Textiles as Triboelectric Nanogenerator for Sustainable Energy Harvesting" by Clifford Daduya from CNAS.

In the S&T FIEET category undergraduate level, the 1st best paper is "Spatio-Temporal Analysis of the Land Use Land Cover Change in the Upper Agno River Basin Resource Reserve Using Remote Sensing" by Mikaella Gabrielle Esquejo, Kelaiah Jud Ulaos, and Stephanie Suzzane Valdez. The 2nd best paper is "Pure Salt and Modified Weigner's Solution as an Alternative on Preserving Dog Muscles for Gross Dissection Studies" by Divina Garcia Beligan from CVM and the 3rd best paper is "Development of Ready to-Drink Tamarillo Juice using Stevia powder as Sweetener" by Claire Diazen, Edissa Paragas, Dianne Siblag, and Claribelle Villena from CHET.

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SUCs and LGU...from page 3

- Cordillera Administrative Region (DA-CAR) Agribusiness and Marketing Assistance Division (AMAD) engaged in a benchmarking activity at BSU on June 26, 2023. The focus was on food safety and food processing. FSRIC Director Lesley Dale G. Umayat shared the center's services, product lines, and projects, emphasizing cleanliness, maintenance, and continuous innovation. He highlighted the importance of creativity and problem-solving in innovation. The visit also

included a tour around FSRIC and the Income Generating Project (IGP) centers.

LSPU-ILA Learns from BSU's IRO

Laguna State Polytechnic University - International and Locals Affairs San Pablo City Campus, represented by Chester M. Derequito, visited BSU's International Relations Office (IRO) on June 30, 2023. The benchmarking activity aimed to learn about BSU's best practices in acquiring

International Academic Linkages and Partners. IRO Deputy Director Maricel A. Guron and IRO Staff Ms. Racquel Aquelle Fatog shared valuable insights with Mr. Derequito, enhancing collaborative growth between the two institutions.

Benguet State University's benchmarking initiatives by SUCs and LGUs have improved institutional standards, increased knowledge exchange, and encouraged academic cooperation. Through

these exchanges, BSU has proven its dedication to promoting a culture of continuous improvement, exchanging best practices, and enhancing academic success. The university, which is still known for its academic brilliance, is still open to future benchmarking projects that support expansion and advancement throughout the academic community.//
University Public Affairs Office



Highlights during the benchmarking activity of SUCs and LGU at the Benguet State University on the month of June.



The 7th University Student Research Congress took place last June 22–23 at the Research and Extension Everlasting Hall Building and featured eminent panels, thesis advisers, and skilled undergraduate and graduate student researchers.

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Under the Social AANR category graduate level, the 1st best paper is "Our Farmer's Haven: Modelling a Community-Supported Organic Agriculture and Social Enterprise Towards Sustainability of Organic Farming in Highland Communities" by Sang Won Lee from CA. The 2nd best paper is "Landscaping the Micro-Small Agricultural Enterprises in La Trinidad, Benguet: A Significant Input for Local Development Planning" by Adrian Castaneda from CA. The 3rd best paper is "Ethnomathematics on the Rice Cultivation Practices in Sablan, Benguet" by Jessica Yeban from CNAS.

In the Social AANR category undergraduate level, the 1st best paper is "Accessibility of Agricultural Credit and Its Perceived Effects Among the High-Value Crop Farmers of Topdac, Atok, Benguet" by Jayver Picpican from CA and the 2nd best paper is "Factor Analysis of Stress Management Practices of Vegetable Farmers in Kibungan, Benguet" by Charmaine Ryzel Atam, Althea Margaret Celebre and Hanna Rose Kay-ang from CNAS.

In the Social Non-AANR category graduate level, the 1st best paper is "Paglilikom at Pagsusuri ng mga Terminolohiyang Sambal-Tina sa Larang ng Pangingsida Tungo sa Pagbuo ng Glosaryo" by Daryl Jim Angel from CAH. The 2nd best paper is "Sango: A Conflict Resolution among the Adasen" by Mark Joshua Balao-as from CSS.

In the Social Non-AANR category undergraduate level, the 1st best paper is "Financial Literacy of Bachelor of

Science in Agribusiness (BSAB) Students at Benguet State University" by Gemalyn Waking from CA. The 2nd best paper "Perceived Academic Stress and its Relationship on the Eating Behavior of the Bachelor of Science in Nutrition and Dietetics Students of Benguet State University La Trinidad Campus" by Jiara Eika Nitron, Xyliene Bernyze Obiadoro, Lea Jenelle Retuerne and Hazel Sinadcop from CHET.

In the Education category graduate level, the 1st best paper is "Predictive Validity of the National Competitive Examination and the Academic Performance of Grade 8 Scholars" by Fabella Tabadero from CNAS. The 2nd best paper is "Development and Validation of indigenous Knowledge System and Practices Integrated with General Chemistry Laboratory exercise for Senior High School" by Grail Gambulao from CNS. The 3rd best papers are "Problem-Solving Heuristic Strategies and mathematical Ability of Grade 10 Students Under Blended Learning Modality" by Mark Anthony Sumanoy from CNAS and "Writing Feature and Challenges of Learners with Hearing Impairment: Basis for the Development of Supplemental Learning Material" by Sheree Joy Tulagan from CAH.

In the Education category undergraduate level, the 1st best paper is "Vocabulary Learning Strategies of English Language Students in Informal Learning Environments" by Jeyamae Henry and Alyssa Capdos. The 2nd best paper is "Learning Dynamics of Elementary Education Student-Parents" by Charity Mae Agtulao, Jerosabelle Antonio, Yvonne Shane Balinag and Ronalyn Bayas from CTE.

Ninety two student theses were presented in this years' USRC. The winners of the USRC will join in the Regional Student Research Congress to be held in October 2023 in Apayao State College.//ASantiago

Kapangan Mayor Graces Flag Ceremony

Kapangan Mayor Manny T. Fermin attended the Benguet State University Flag Raising Ceremony, sponsored by the Northern Philippines Root Crops Research and Training Center, June 26, 2023.

In his message, the mayor thanked the University, headed by Dr. Felipe Salaing Comila, for providing extension classes in Kapangan, Benguet. He hopes that BSU, with the said municipality, will continue to provide quality education for all.

Meanwhile, Pres. Comila expressed support to the faculty

and staff of the University as indispensable workforces in delivering excellent education and quality services to their stakeholders. He further encouraged everyone by valuing “roots” for they have impacted one’s life; walking away from people who are trouble makers, gossipers, scammers, takers only, and blind guides; and reminding everyone that, indeed, life is beautiful tomorrow.// EMBawayan, CANapiloy



Kapangan Mayor Manny T. Fermin with President Felipe Salaing Comila and other university officials during the June 26, 2023 flag raising ceremony.

Int'l Coaches Run IHK's...from page 8

develop athletes physically, mentally and spiritually.

The the three-day workshop included Pickleball Clinic, Progressive Plyometric Training, Applied Strength and Power, and Group Dynamic Warm Up Design by the Participants. The

workshop was participated by faculty and staff from the College of Human Kinetics, BSU Bokod, BSU Buguias, Kalinga State University, Mountain Province State Polytechnic College and Abra State Institute of Sciences and Technology.//JSTabangcura



Prof. Timothy Dornemann, Director of Education for International Performance Sciences at the North Carolina Wesleyan University, gives pointers to CHK faculty and staff.//Photo by College of Human Kinetics

Int'l Coaches Run IHK's Strength and Conditioning Workshop

A three-day strength and conditioning workshop organized by the College of Human Kinetics on June 18-19, 2023 featured international resource persons. They are Prof. Timothy Dornemann of the North Carolina Wesleyan University, Coach Jenny Marcos of the Professional Pickleball Association of the Philippines (PPA) and Coach Ryan Elizaga of the Athletes in Action, Philippines.

Prof. Timothy Dornemann is Director of Education for International Performance Sciences at the North Carolina Wesleyan University and has been in the University for several times already. Coach Jenny Marcos is a certified USPTA tennis professional with more than 30 years of coaching experience. She is the founder of

the PPA, Philippines. Pickelball is a growing international sport that combines many elements of tennis, badminton and ping-pong. Coach Ryan Elizaga heads Athletes in Action, Philippines since 2020, he has been working with Philippine athletes at different levels for over a decade. The organization is a global community that aims to

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Participants and resource persons of IHK's three-day strength and conditioning workshop in action.//Photo by College of Human Kinetics